sime

VALUING YOUR CLIMATE

EU PRODUCT CATALOGUE

MARCH 2025

SIME

Over 50 years of success

Sime has been an undisputed reference point in the environmental comfort sector for over fifty years.

Founded in Legnago, province of Verona, in 1972, today it is an industrial group operating globally, with operational and commercial offices in several countries worldwide.

Sime's offering includes a range of high-efficiency, low-environmental-impact products that meet the needs of residential and commercial climate control using gas, diesel, electricity, and renewable energy sources. In recent years, it has anticipated market demands, being one of the first in the sector to analyze the integration of multiple energy sources, introducing the innovative Multi Energy Manager system in 2011. Since then, it has consolidated its leadership by expanding its range with innovative technological solutions and unique hybrid systems on the market, such as Murelle Revolution.

Today, Sime is among the first manufacturers to have most of its products already certified for operation with hydrogen blends up to 20% and is investing in research for carbon-neutral solutions for environmental comfort.

For a global operator like Sime, it is essential to certify its products and business processes at an international level, obtaining all homologation marks and the most stringent quality, safety, and environmental respect certifications to guarantee reliable, high-value-added products to its customers. All production plants are certified according to ISO9001, ISO14000, and ISO45001 standards.

Sime is present on all continents with a network of branches, exclusive importers, and distributor partners. In Italy, it boasts a post-sales organization with over 650 authorized centers ensuring widespread service across the territory.

sime
VALUING YOUR CLIMATE

LIST OF CONTENTS

HYBRID SYSTEMS

- The range of hybrid systems 8

COMPLETE HYBRID SYSTEMS

- Hybrid Revolution 10
- Murelle Hybrid Split 13
- Open Hybrid MEM 17
- Edea Hybrid 22

MODULAR HYBRID SYSTEMS

- Hybrid Wall 25
- Kit Hybrid 27
- MEM Power System 30

- Accessories 34
- Flue ducts 38

HEAT PUMPS

- The range of heat pumps 42

HEAT PUMPS

- Open SHP MEM 44
- SHP M HT 48
- SHP M Pro 51
- SHP M Plus HT 54
- SHP M Power 57

DHW STORAGE TANKS AND BUFFERS FOR HEAT PUMPS

- BS HP - BS HP S - BS HP B 60
- BS Combi HP S 62
- BS Puff HP 64
- BS Puff Box 66

- Accessories 68

FAN COIL UNITS

- Fan coil unit range 74

TERMINALS

- SFC Slim 76
- SFC 79

- Accessories 81

SOLAR THERMAL

- The solar thermal range 88

NATURAL CIRCULATION SYSTEMS

- Sime Natural S 90
- Sime Natural S LP 92

FORCED CIRCULATION SYSTEMS

- Easy System 94

SOLAR COLLECTORS

- SimeSol - SimePlano 96

SOLAR TANKS

- BS 2S C - BS 2S 101
- BS Fast 103
- BS Puff 105

SOLAR UNITS

- GI 2C - GI 1C 107

SOLAR CONTROL UNITS

- Termosolis 108

- Accessories 109

HIGH POWER

- The range of high-power systems 114

HIGH POWER WALL-HUNG BOILERS

- Murelle HE R ErP 116

MODULAR SYSTEMS

- Murelle Equipe ErP 123
- Murelle Equipe Box ErP 127

HIGH POWER ALUMINIUM BOILERS

- Alu HE 134
- Alu Plus HE 137

HIGH-POWER STEEL BOILERS

- Simerac AR 139

HEAT METERS

- SimeConn II 142

HEAT EXCHANGERS

- SP 144

- Accessories 147

GAS BOILERS

- The range of gas boilers 154

WALL-HUNG CONDENSING

- Murelle HM Plus 156
- Edea HM 163
- Vera EV HE 167
- Mia HE 171

WALL-HUNG CONDENSING WITH DHW STORAGE TANK

- Edea HM 25-35/55 174
- Murelle HE 25-30/55 ErP 177
- Open Solar HE ErP 180

FLOOR STANDING STEEL CONDENSING

- Atlantis HM ErP 183

WALL-HUNG STANDARD

- Uniqa Revolution 187
- Vera OF ErP 190

- Temperature controls 192
- Accessories 194
- Flue ducts 202

OIL-FIRED BOILERS

- The range of oil-fired boilers 208

CAST IRON CONDENSING INTEGRATED UNITS

- Solo HE EV - Duetto HE EV 210
- Aqua HE Inox EV 212

CAST IRON INTEGRATED UNITS

- Solo EV - Duetto EV 214
- Aqua Inox EV 216

CAST IRON CONDENSING BOILERS

- Estelle HE ErP 218
- Estelle HE B Inox ErP 220
- 2R HE 222

CAST IRON BOILERS

- Estelle ErP BE 224
- Estelle B Inox ErP BE 226

BURNERS

- Low NOx Burners 228

- Accessories 230
- Flue ducts 231

WATER HEATER

- The water heaters range 234

HEAT PUMP WATER HEATERS

- EcoMaxi VB 236

GAS WATER HEATER

- Mini BF ErP 238
- Mini E 240
- Mini OF VA 242

ELECTRIC WATER HEATERS

- Lago 244
- Lago XS 246

- Accessories 248
- Flue ducts 249

FLUE SYSTEM CONFIGURATIONS

- Concentric ducts 250
- Separate ducts 253
- Pressure drop flue system Ø 80 255
- Pressure drop flue system Ø 60 256

HYBRID SYSTEMS

- The range of hybrid systems 8

COMPLETE HYBRID SYSTEMS

- Hybrid Revolution 10
- Murelle Hybrid Split 13
- Open Hybrid MEM 17
- Edea Hybrid 22

MODULAR HYBRID SYSTEMS

- Hybrid Wall 25
- Kit Hybrid 27
- MEM Power System 30

- Accessories 34
- Flue ducts 38

THE RANGE OF HYBRID SYSTEMS

Hybrid Revolution

A compact hybrid system with A^{+++} rating, without outdoor unit

Murelle Hybrid Split

A heat pump hybrid system for heating, cooling and domestic hot water

Open Hybrid MEM

Hybrid systems managed with MEM logic, consisting of a condensing boiler, an air-to-water heat pump and optional solar thermal integration

Edea Hybrid

A heat pump hybrid system for heating, cooling and domestic hot water

Hybrid Wall

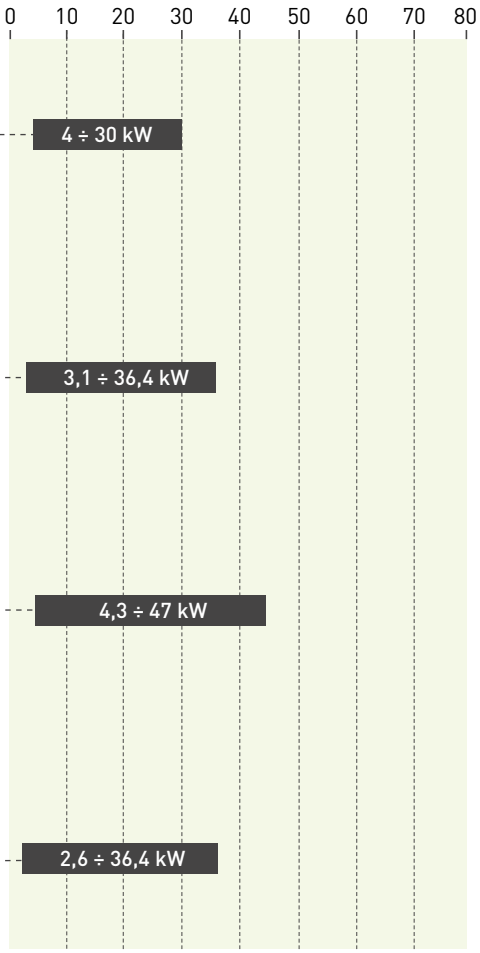
Wall-mounted hidden buffer tank for modular hybrid heating systems

Kit Hybrid

Module for modular hybrid heating and cooling systems

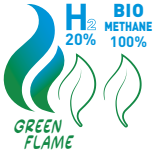
MEM Power System

Integrated systems for optimal management of primary energy from multiple sources, promoting renewable energy utilization



HYBRID REVOLUTION

A+++ CLASS COMPACT **HYBRID SYSTEM** WITHOUT OUTDOOR UNIT



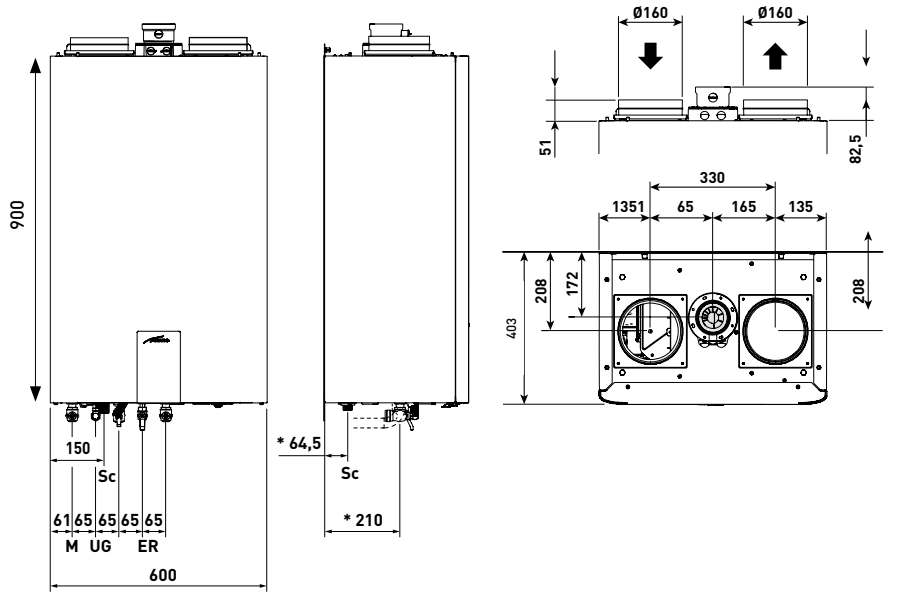
PRODUCT ADVANTAGES

- A+++ energy class thanks to heat pump that recovers energy from boiler flues and expelled air for ambient ventilation
- It works with a blend of natural gas and hydrogen up to 20%
- No external unit and maximum compactness
- R290 natural refrigerant gas and no restriction for installation (R290 < 150 gr)
- Patented technology allowing COP remains almost constant down to -7°C outdoor temperature, thanks to a flue gas heat recovery system
- Maximum delivery temperature setpoint 75° C
- Condensing boiler with high modulation 1:10
- Air inlet and outlet through Ø160 mm ducts
- Stainless steel monotube main heat exchanger with increased section
- Quite operation comparable to the sound level of a condensing boiler
- DHW production with an integrated combi boiler and optional separated DHW storage tank for heat pump use
- Integrated weather compensation control (with optional outdoor sensor)
- Remote control with room sensor function and optional wireless room sensors for up 8 zones
- Wi-Fi connectivity for app-based control
- Hermetically sealed appliance as defined by EU Regulation No. 517/2014 (F-GAS)

PRODUCTS

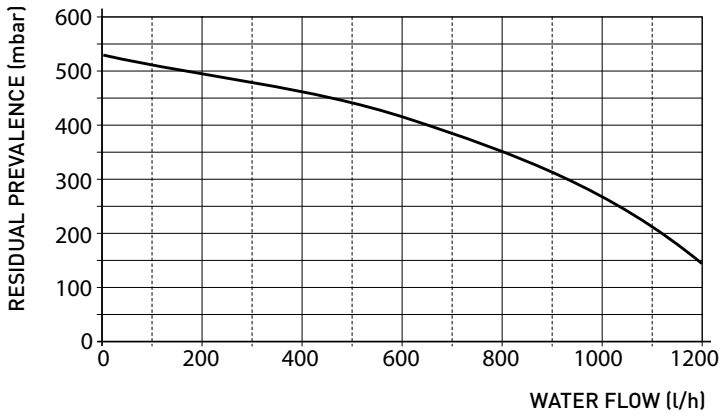
MODEL
Hybrid Revolution 30
Hybrid Revolution 30 EXR

DIMENSIONS



LEGEND		
R	Central heating return	ø 3/4"
M	Central heating flow	ø 3/4"
G	Gas supply	ø 3/4"
E	DHW inlet	ø 1/2"
U	DHW outlet	ø 1/2"
AA	Boiler/Heat Pump air inlet	
SA	Heat Pump air outlet	
SC	Condensate outlet	ø 20
SF	Flue gas discharge	

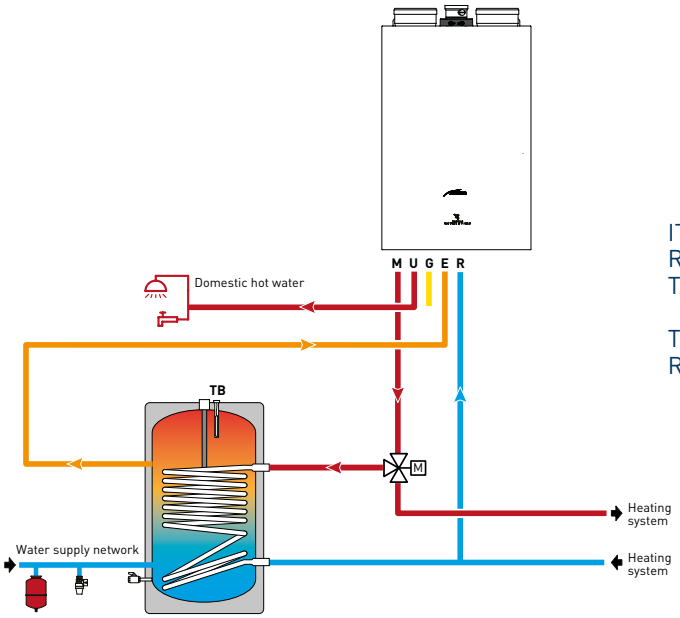
HEAD AVAILABLE AT THE SYSTEM



TECHNICAL FEATURES

Hybrid Revolution		**30**	**30 EXR**
DHW output	kW	4,0 ÷ 30,0	4,0 ÷ 30,0
Heat output (50-30°C)	kW	26,6 (+2 HP)	26,6 (+2 HP)
DHW flow rate Δt 30°C (EN 13203)	l/min	13,2	13,2
Central heating energy efficiency class		A	A+++
Sound power of the heating system	dB(A)	52	52
DHW energy efficiency class		A	A
DHW load profile declared		XL	XL
Weight	kg	79	79

SYSTEM DIAGRAM – DHW STORAGE TANK KIT



IT IS POSSIBLE TO CONNECT HYBRID REVOLUTION TO AN EXTERNAL DHW STORAGE TANK USING A DEDICATED DHW KIT.

THE BOILER INSTANTLY INTEGRATES THE REQUIRED THERMAL DEMAND WHEN NEEDED.

ACCESSORIES

DESCRIPTION	Code
Mounting bracket with anti-vibration supports [1]	8081224
Replacement kit for others boiler model	8093900
Water softener kit	8101700
Water softener recharging kit (6 pieces)	8101710

DESCRIPTION	Code
Solar kit with diverter-mixer valve	8105104
Condensate pump kit	8105302
DHW storage tank kit	8102687
Weekly heating/cooling chronothermostat	8113511

[1] Installing the bracket increases the distance from the wall by approximately 20 mm.

FLUE DUCTS

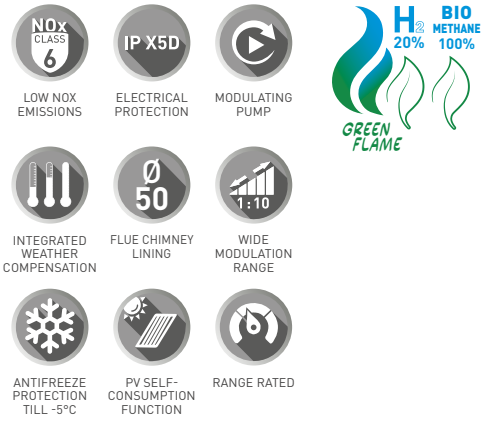
AIR DUCTS	Code
Polypropylene extension ø 160/200 L.1000	8077362
Polypropylene extension ø 160/200 L.500	8077363
Polypropylene 90° elbow ø 160/200	8089943
Polypropylene 45° elbow ø 160/200	8089944
Insulated polypropylene air intake/outlet terminal	8089551

GAS FLUES	Code
Polypropylene extension ø 80 L.1000 Supplied in packs of 6 pieces	8077351
Polypropylene extension ø 80 L.500 Supplied in packs of 6 pieces	8077350
Polypropylene 90° elbow ø 80 MF Supplied in packs of 6 pieces	8077450
Polypropylene 45° elbow ø 80 MF Supplied in packs of 6 pieces	8077451
Stainless steel outlet terminal ø 80	8089501
Polypropylene roof outlet terminal L.1381	8091204
Adjustable roof tile compatible with the roof exit terminal	8091300
Tee condensation outlet ø 80 for use in the flue gas discharge system	8093310
Int.-Ext. rings kit ø 80	8091500
Clamps for connecting extensions and elbows ø 80 Supplied in packs of 5 pieces	8092700

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HYBRID SYSTEMS SECTION

MURELLE HYBRID SPLIT

HEAT PUMP HYBRID SYSTEM
FOR HEATING, COOLING AND DHW



PRODUCT ADVANTAGES

- It works with a blend of natural gas and hydrogen up to 20%
- High-efficiency (A^{+++}) split inverter heat pumps with eco-friendly R32 refrigerant gas
- Reversible operation for heating and cooling
- Inverter-driven outdoor condensing unit (4 to 10 kW) with anti-freeze resistors for the basement
- Wall-mounted indoor unit incorporating a 30 kW condensing boiler for DHW and the hydronic module of the split heat pump
- THP models designed for connection to an optional DHW storage tank, heated exclusively by the heat pump, with instantaneous integration by the boiler (in series) only when necessary
- Compact wall-mounted unit with installation requirements similar to an instantaneous boiler
- 1:10 modulation range for the condensing boiler
- Electronic management of one direct heating/cooling circuit and one mixed heating-only circuit
- Optional Sime Smart Hybrid remote control with weekly heating/cooling chronothermostat function and Wi-Fi connectivity for app-based control
- Possibility to manage up to 8 zones with optional SRS wireless room sensors
- Y filter included as standard
- Photovoltaic self-consumption function, activated in case of overproduction via a dedicated clean contact input

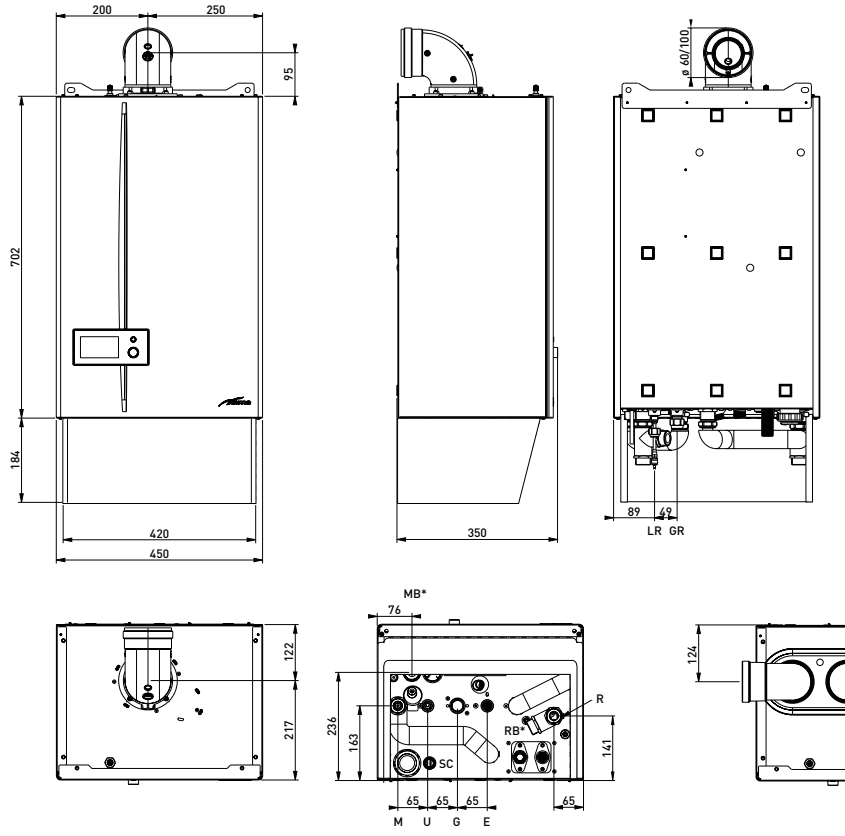
PRODUCTS

SPLIT MODELS
Murelle Hybrid Split 30-4
Murelle Hybrid Split 30-6
Murelle Hybrid Split 30-8
Murelle Hybrid Split 30-10

THP SPLIT MODELS
Murelle Hybrid Split 30-4 THP
Murelle Hybrid Split 30-6 THP
Murelle Hybrid Split 30-8 THP
Murelle Hybrid Split 30-10 THP

DIMENSIONS

INDOOR UNIT



LEGEND

R	Central heating return	ø 1"
M	Central heating flow	ø 1"
G	Gas supply	ø 3/4"
E	DHW inlet	ø 1/2"
U	DHW outlet	ø 1/2"
RB*	DHW Storage tank return	ø 1"
MB*	DHW Storage tank flow	ø 1"
LR	Refrigerant liquid line (SAE)	3/8"
GR	Refrigerant gas line (SAE)	5/8"
SC	Condensate drain (mm)	ø 20

* Only for Murelle Hybrid Split 30 THP model.

TECHNICAL FEATURES

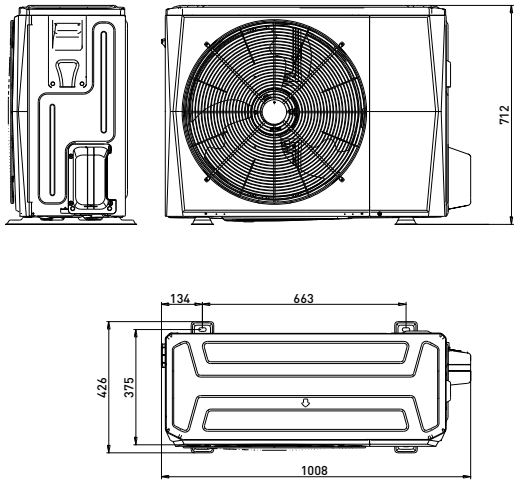
PACKAGE		**Murelle Hybrid Split 30-4/ 30-4 THP**	**Murelle Hybrid Split 30-6/ 30-6 THP**	**Murelle Hybrid Split 30-8/ 30-8 THP**	**Murelle Hybrid Split 30-10/ 30-10 THP**
DHW					
Equivalent DHW specific flow rate (according to EN13203) Δt 30°C	l/min	13,0	13,0	13,0	13,0
DHW energy efficiency class		A	A	A	A
Declared DHW load profile		XL	XL	XL	XL
HEATING					
Heating energy efficiency class		A+++	A+++	A+++	A+++
Boiler: Heat output (50-30°C)	kW	3,1÷26,4	3,1÷26,4	3,1÷26,4	3,1÷26,4
Sound power of heating system	dB(A)	55	55	55	55
Heat pump (air 7°C - water 35°C) Heat output	kW	4,25	6,20	8,30	10
Heat pump Sound power[1]	dB(A)	56	58	59	60
COOLING					
Heat pump (air 35°C - water 7°C) Cooling capacity	kW	4,70	7,00	7,40	8,20
Boiler / Heat pump weight	kg	50 / 64	50 / 64	50 / 89	50 / 89

[1] Sound power: Test conducted according to EN12102-1 standard.

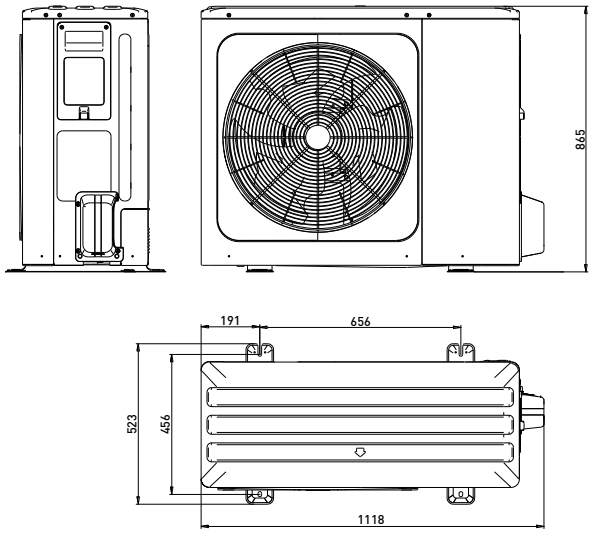
DIMENSIONS

OUTDOOR UNIT

versions 004 - 006



versions 008 - 010

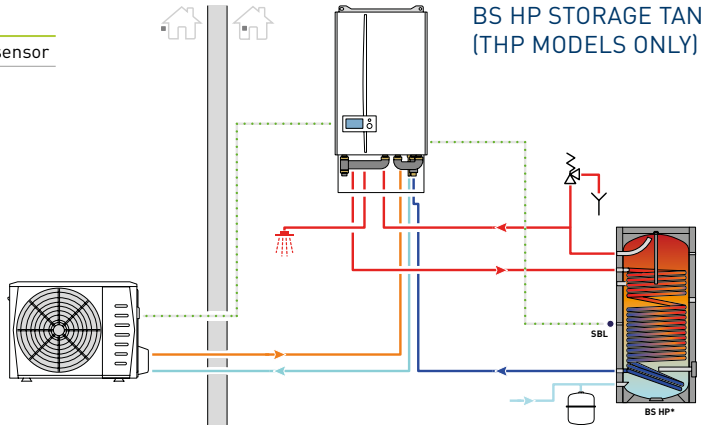


EXAMPLES OF APPLICATION DIAGRAMS

LEGEND

SBL	DHW Storage tank sensor

BS HP STORAGE TANK CONNECTION DIAGRAM (THP MODELS ONLY)

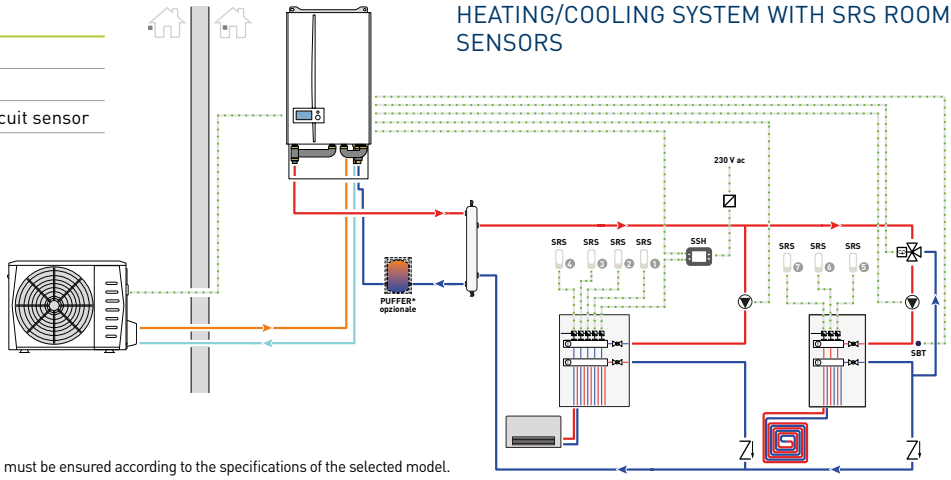


* The heat exchanger coil in the DHW storage tank must have a surface area of at least 0.5 m² multiplied by the thermal power (kW) of the heat pump.

LEGEND

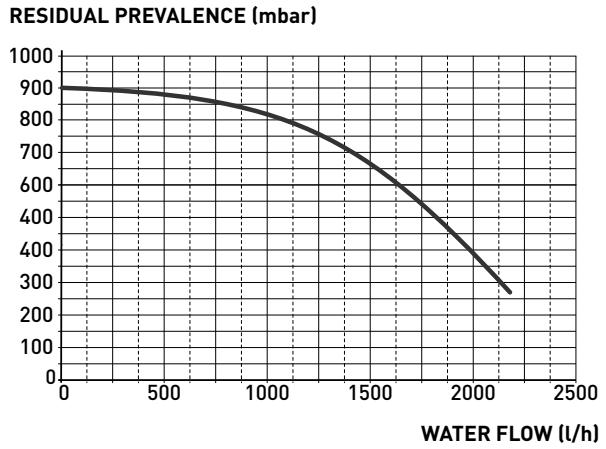
SSH	Sime Smart Hybrid
SRS	SRS Room Sensor
SBT	Low-temperature circuit sensor

HEATING/COOLING SYSTEM WITH SRS ROOM SENSORS



* Minimum water flow rate and volume must be ensured according to the specifications of the selected model.

RESIDUAL PREVALENCE HEAT PUMP CIRCULATOR



ACCESSORIES

DESCRIPTION	Codice
LPG conversion kit	**5185154**
Mounting jig	**8081225**
Murelle Hybrid Split 30 kit valve	**8075450**
Murelle Hybrid Split 30 THP kit valve	**8075451**
Water softener	**8101700**
Water softener recharging kit (6 pieces)	**8101710**
Condensate lift pump kit	**8105302**
Sime Smart Hybrid remote control [3]	**8118904**
SRS room sensor[1][2]	**8118902**
Weekly heating/cooling chronothermostat	**8113511**
Puffer Wall (15 liters, heating only)	**8114504**
Anti-vibration rubber mounting bracket kit	**8108260**
Anti-vibration rubber support feet kit	**8108261**
Diverter valve kit for heating/cooling or DHW	**8502120**

[1] Installing SRS room sensors requires the presence of the Sime Smart Hybrid remote control.
[2] Supports up to a maximum of 8 zones.
[3] Alternative control option to the weekly heating/cooling chronothermostat.

FLUE DUCTS

CONCENTRIC DUCTS	Codice
Concentric polypropylene duct kit ø 60/100 with test ports	**8096250**
Concentric polypropylene duct kit ø 80/125	**8096253**
Adapter for ø 80/125	**8093150**
Vertical polypropylene extension ø 60/100 L.140 with test ports	**8086950**
Polypropylene extension ø 80/125 L.1000	**8096171**
Polypropylene extension ø 80/125 L.500	**8096170**
Additional polypropylene elbow ø 80/125 at 90°	**8095870**
Additional polypropylene elbow ø 80/125 at 45°	**8095970**
Polypropylene extension ø 60/100 L.1000	**8096150**
Polypropylene extension ø 60/100 L.500	**8096151**
Additional polypropylene elbow ø 60/100 at 90°	**8095850**
Additional polypropylene elbow ø 60/100 at 45°	**8095950**
Polypropylene roof exit terminal (outer ø 125)	**8091205**
Adjustable roof tile compatible with the roof exit terminal	**8091300**

SEPARATE DUCTS	Codice
Air intake/exhaust splitter ø 80	**8093050**
Air intake/exhaust splitter ø 60	**8093060**
Polypropylene extension ø 80 L.1000 Supplied in packs of 6 pieces	**8077351**
Polypropylene extension ø 80 L.500 Supplied in packs of 6 pieces	**8077350**
Polypropylene extension ø 60 L.1000	**8089920**
MF reducer ø 60/80	**8089923**
MF reducer ø 80/50	**8089941**
INT./EXT. rings kit ø 80	**8091500**
INT./EXT. rings kit ø 60	**8091510**
Kit of connection clamps for extensions and elbows ø 80 Supplied in packs of 5 pieces	**8092700**
Polypropylene elbow ø 80 at 90° MF Supplied in packs of 6 pieces	**8077450**
Polypropylene elbow ø 80 at 45° MF Supplied in packs of 6 pieces	**8077451**
Polypropylene elbow at 45° MF ø 60	**8089922**
Polypropylene elbow at 90° MF ø 60 with flue gas sampling port	**8089924**
Stainless steel air intake terminal ø 80	**8089500**
Stainless steel air intake terminal ø 60	**8089540**
Stainless steel outlet terminal ø 80	**8089501**
Stainless steel outlet terminal ø 60	**8089541**
Polypropylene roof exit terminal L.1381	**8091204**
Adjustable roof tile compatible with the roof exit terminal	**8091300**
Manifold for merging separate ducts into a single outlet	**8091400**
Condensate recovery tee ø 80 for use in the flue gas discharge system	**8093310**
Clapet valve kit for installation C (10)	**6296543**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HYBRID SYSTEMS SECTION

OPEN HYBRID MEM

HYBRID SYSTEMS MANAGED WITH MEM LOGIC, COMPOSED OF A CONDENSING BOILER, AN AIR-TO-WATER HEAT PUMP AND OPTIONAL SOLAR THERMAL INTEGRATION

- LOW NOX EMISSIONS
- ELETTRICAL PROTECTION
- AUTOMATIC BY-PASS
- OUTDOOR AND BUILT-IN INSTALLATION
- INTEGRATED WEATHER COMPENSATION
- CHIMNEY SWEEP FUNCTION
- 3 STAR DHW PERFORMANCE
- RETROACTIVE COMBUSTION CONTROL
- ANTIFREEZE PROTECTION TILL -5°C
- TWO-CIRCUITS MANAGEMENT
- PV SELF-CONSUMPTION FUNCTION
- MODULATING PUMP

R290 NATURAL REFRIGERANT

R32 ECOLOGICAL REFRIGERANT

BIO METHANE 100% GREEN FLAME

PRODUCT ADVANTAGES

- High-efficiency (A+++) monobloc inverter heat pumps with eco-friendly R32 or R290 refrigerant gas
- Compatible with SHP M Pro heat pumps for Open Hybrid MEM Pro models
- Compatible with SHP M HT heat pumps for Open Hybrid MEM HT models
- Configurable with various boiler sizes (25, 30, 35 kW) and heat pumps (6, 8, 10, 12 kW)
- MEM system manages different energy sources, even in simultaneous operation
- Photovoltaic self-consumption function with clean contact input from the inverter
- 150-liter stainless steel DHW storage tank, fully charged by renewable sources
- Integrated patented 30-liter buffer/separator tank included as standard
- Integrated weather compensation control (outdoor sensor included as standard)
- Management of a low-temperature circuit
- Management of a high-temperature circuit (optional, boiler-only)
- Optional solar integration for DHW within standard dimensions
- High-efficiency modulating system circulator
- Summer cooling function with dual setpoint for dehumidification mode
- Insulated piping
- Remote system control included as standard[1]

[1] Used for system monitoring and settings. Room temperature control must be managed via additional chronothermostats.

PRODUCTS

PRO MODELS (BOILER & HEAT PUMP)
Open Hybrid MEM Pro 25-6
Open Hybrid MEM Pro 25-8
Open Hybrid MEM Pro 25-10
Open Hybrid MEM Pro 30-6
Open Hybrid MEM Pro 30-8
Open Hybrid MEM Pro 30-10
Open Hybrid MEM Pro 35-6
Open Hybrid MEM Pro 35-8
Open Hybrid MEM Pro 35-10
Open Hybrid MEM Pro 35-12

PRO MODELS (BOILER, HEAT PUMP & SOLAR)
Open Hybrid MEM Pro 25-6 S
Open Hybrid MEM Pro 25-8 S
Open Hybrid MEM Pro 25-10 S
Open Hybrid MEM Pro 30-6 S
Open Hybrid MEM Pro 30-8 S
Open Hybrid MEM Pro 30-10 S
Open Hybrid MEM Pro 35-6 S
Open Hybrid MEM Pro 35-8 S
Open Hybrid MEM Pro 35-10 S
Open Hybrid MEM Pro 35-12 S

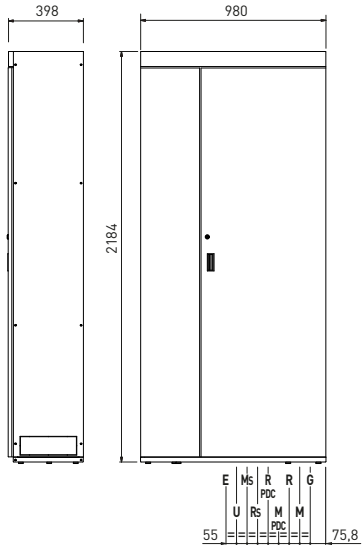
HT MODELS (BOILER & HEAT PUMP)
Open Hybrid MEM HT 25-6
Open Hybrid MEM HT 25-8
Open Hybrid MEM HT 25-10
Open Hybrid MEM HT 30-6
Open Hybrid MEM HT 30-8
Open Hybrid MEM HT 30-10
Open Hybrid MEM HT 35-6
Open Hybrid MEM HT 35-8
Open Hybrid MEM HT 35-10
Open Hybrid MEM HT 35-12

HT MODELS (BOILER, HEAT PUMP & SOLAR)
Open Hybrid MEM HT 25-6 S
Open Hybrid MEM HT 25-8 S
Open Hybrid MEM HT 25-10 S
Open Hybrid MEM HT 30-6 S
Open Hybrid MEM HT 30-8 S
Open Hybrid MEM HT 30-10 S
Open Hybrid MEM HT 35-6 S
Open Hybrid MEM HT 35-8 S
Open Hybrid MEM HT 35-10 S
Open Hybrid MEM HT 35-12 S

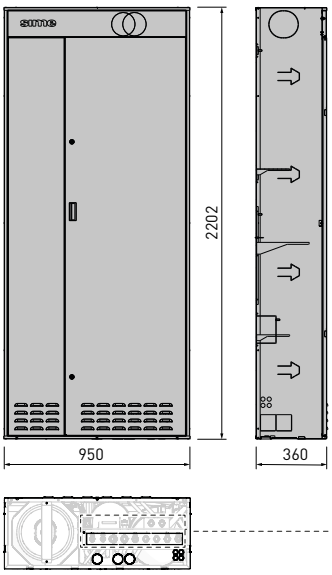
WARNING:
- Specify the faucet kit 8091831 or 8091832 at the time of the order (not included in the package for indoor cabinet).
- The package must be paired with the full built-in cabinet (code 8097537) or the indoor cabinet (code 8097535).

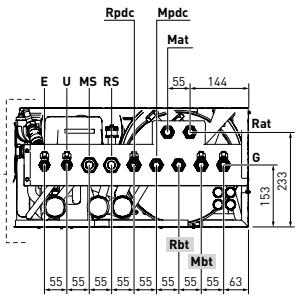
DIMENSIONS

Indoor cabinet



Fully built-in cabinet

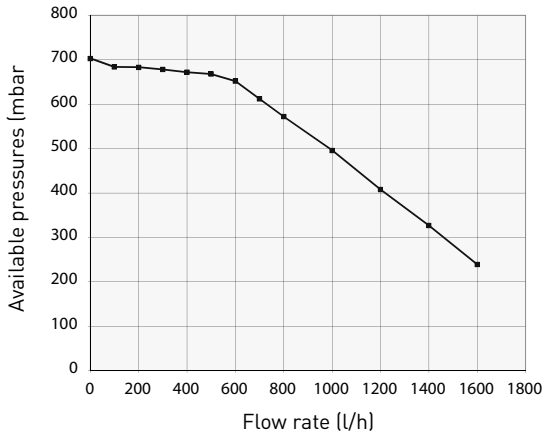




LEGEND

E	DHW inlet	ø 1/2"
U	DHW outlet	ø 1/2"
Rs	Solar panel return	ø 1"
Ms	Solar panel flow	ø 1"
Rpdc	Heat pump return	ø 3/4"
Mpdc	Heat pump flow	ø 3/4"
Rat	High-Temperature system return	ø 3/4"
Mat	High-Temperature system flow	ø 3/4"
Rbt	Low-Temperature system return	ø 3/4"
Mbt	Low-Temperature system flow	ø 3/4"
G	Gas supply	ø 3/4"

HEAD AVAILABLE AT THE SYSTEM



RECOMMENDED COMBINATION WITH SOLAR COLLECTORS

MODEL	Gross surface area (m²)	Net surface area (m²)	Dry weight (kg)	Capacity (l)	Structure	Collector dim. (mm) H	L	P	Code
SimeSol 182 (1 unit)	2,0	1,82	40,0	1,75	Marine-grade aluminum	2.010	1.010	110	**7500800**
Fittings for a single collector									**8500300**
Pitched roof mounting kit									**8501630**
Bracket kit for supported collectors				(required quantity: 2 pieces)					**5801700**
10 kg antifreeze tank (100% pure)									**8106094**

TECHNICAL FEATURES

PACKAGE:		Brava Slim 25 HE + SHP M Pro 006	Brava Slim 25 HE + SHP M Pro 008	Brava Slim 25 HE + SHP M Pro 010	Brava Slim 25 HE + SHP M HT 006	Brava Slim 25 HE + SHP M HT 008	Brava Slim 25 HE + SHP M HT 010
DHW							
Equivalent specific DHW flow rate (according to EN13203) Δt 30°C	l/min	21,0[1]	22,4[1]	23,7[1]	21,0	22,4	23,7
Continuous DHW flow rate (Δt 30°C)	l/min	15,5	16,8	18,0	15,5	16,8	18,0
Quantity of water at 40°C in the first 10 minutes (Inlet Temp=10°C – Boiler Temp=60°C)	l	200	200	200	200	200	200
DHW Storage tank capacity	l	150	150	150	150	150	150
DHW energy efficiency class		A	A	A	A	A	A
Declared DHW load profile		XL	XL	XL	XL	XL	XL
HEATING							
Heating energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++
Boiler: Heat output A++ heating (50-30°C)	kW	4,3÷21,4	4,3÷21,4	4,3÷21,4	4,3 - 21,4	4,3 - 21,4	4,3 - 21,4
Heat pump (air 7°C - water 35°C) Heat output (min/nom/max[2])	kW	2,98/6,50/8,47	3,00/8,40/9,56	3,00/10,00/11,20	6,28	8,10	10,00
COOLING							
Heat pump (air 35°C - water 7°C) Cooling capacity (min/nom/max[2])	kW	2,67/5,50/6,92	2,64/7,40/8,72	2,69/9,00/9,58	6,50	8,30	10,00
Boiler / Built-in cabinet weight	kg	113 / 50,4	113 / 50,4	113 / 50,4	113/50,4	113/50,4	113/50,4

[1] Test conducted at Δt 50°C and flow rate of 15.5 l/min. [2] When the "Max Hz" function is activated.

TECHNICAL FEATURES

PACKAGE:		Brava Slim 30 HE + SHP M Pro 006	Brava Slim 30 HE + SHP M Pro 008	Brava Slim 30 HE + SHP M Pro 010	Brava Slim 30 HE + SHP M HT 006	Brava Slim 30 HE + SHP M HT 008	Brava Slim 30 HE + SHP M HT 010
DHW							
Equivalent specific DHW flow rate (according to EN13203) Δt 30°C	l/min	22,7[1]	23,5[1]	24,2[1]	22,7	23,5	24,2
Continuous DHW flow rate (Δt 30°C)	l/min	17,7	19,2	20,6	17,7	19,2	20,6
Quantity of water at 40°C in the first 10 minutes (Inlet Temp=10°C – Boiler Temp=60°C)	l	200	200	200	200	200	200
DHW Storage tank capacity	l	150	150	150	150	150	150
DHW energy efficiency class		A	A	A	A	A	A
Declared DHW load profile		XL	XL	XL	XL	XL	XL
HEATING							
Heating energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++
Boiler: Heat output A++ heating (50-30°C)	kW	5,1÷25,7	5,1÷25,7	5,1÷25,7	5,1 - 25,7	5,1 - 25,7	5,1 - 25,7
Heat pump (air 7°C - water 35°C) Heat output (min/nom/max[2])	kW	2,98/6,50/ 8,47	3,00/8,40/ 9,56	3,00/10,00/ 11,20	6,28	8,10	10,00
COOLING							
Heat pump (air 35°C - water 7°C) Cooling capacity (min/nom/max[2])	kW	2,67/5,50/ 6,92	2,64/7,40/ 8,72	2,69/9,00/ 9,58	6,50	8,30	10,00
Boiler / Built-in cabinet weight	kg	113 / 50,4	113 / 50,4	113 / 50,4	113/50,4	113/50,4	113/50,4

PACKAGE:		Brava Slim 35 HE + SHP M Pro 006	Brava Slim 35 HE + SHP M Pro 008	Brava Slim 35 HE + SHP M Pro 010	Brava Slim 35 HE + SHP M Pro 012	Brava Slim 35 HE + SHP M HT 006	Brava Slim 35 HE + SHP M HT 008	Brava Slim 35 HE + SHP M HT 010	Brava Slim 35 HE + SHP M HT 012
DHW									
Equivalent specific DHW flow rate (according to EN13203) Δt 30°C	l/min	24,7[1]	24,8[1]	24,9[1]	25,0[1]	24,7	24,8	24,9	25,0
Continuous DHW flow rate (Δt 30°C)	l/min	20,7	22,1	23,4	24,8	20,7	22,1	23,4	24,8
Quantity of water at 40°C in the first 10 minutes (Inlet Temp=10°C – Boiler Temp=60°C)	l	200	200	200	200	200	200	200	200
DHW Storage tank capacity	l	150	150	150	150	150	150	150	150
DHW energy efficiency class		A	A	A	A	A	A	A	A
Declared DHW load profile		XL	XL	XL	XL	XL	XL	XL	XL
HEATING									
Heating energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
Boiler: Heat output A++ heating (50-30°C	kW	6,5÷32,2	6,5÷32,2	6,5÷32,2	6,5÷32,2	6,5 - 32,2	6,5 - 32,2	6,5 - 32,2	6,5 - 32,2
Heat pump (air 7°C - water 35°C) Heat output (min/nom/max[2])	kW	2,98/6,50/ 8,47	3,00/8,40/ 9,56	3,00/10,00/ 11,20	5,29/12,20/ 14,40	6,28	8,10	10,00	14,93
COOLING									
Heat pump (air 35°C - water 7°C) Cooling capacity (min/nom/max[2])	kW	2,67/5,50/ 6,92	2,64/7,40/ 8,72	2,69/9,00/ 9,58	4,77/11,60/ 14,13	6,50	8,30	10,00	12,97
Boiler / Built-in cabinet weight	kg	113 / 50,4	113 / 50,4	113 / 50,4	113 / 50,4	113/50,4	113/50,4	113/50,4	113/50,4

[1] Test conducted at Δt 50°C and flow rate of 15.5 l/min.
[2] When the "Max Hz" function is activated.

ACCESSORIES

DESCRIPTION	Code
Indoor cabinet	**8097535**
Fully built-in cabinet	**8097537**
Straight valve kit for indoor cabinet	**8091831**
Curved valve kit for indoor cabinet	**8091832**
Solar kit	**8100861**
High-temperature zone kit (boiler only)	**8100865**

DESCRIPTION	Code
Anti-freeze resistor kit	**6279132**
Weekly heating/cooling chronothermostat	**8113511**
Anti-vibration rubber support bracket kit	**8108260**
Anti-vibration rubber support feet kit	**8108261**
Drain-type anti-freeze valve kit	**8089894**
Diverter valve kit for heating/cooling or DHW	**8502120**

FLUE DUCTS

CONCENTRIC DUCTS	Code
Extension for air intake and outlet ø 60/100 (required accessory)	**8093107**
Concentric polypropylene duct kit ø 60/100 with test ports	**8096250**
Concentric polypropylene duct kit ø 80/125	**8096253**
Adapter for ø 80/125	**8093150**
Vertical polypropylene extension ø 60/100 L.140 with test ports	**8086950**
Polypropylene extension ø 80/125 L.1000	**8096171**
Polypropylene extension ø 80/125 L.500	**8096170**
Additional polypropylene elbow ø 80/125 at 90°	**8095870**
Additional polypropylene elbow ø 80/125 at 45°	**8095970**
Polypropylene extension ø 60/100 L.1000	**8096150**
Polypropylene extension ø 60/100 L.500	**8096151**
Additional polypropylene elbow ø 60/100 at 90°	**8095850**
Additional polypropylene elbow ø 60/100 at 45°	**8095950**
Polypropylene roof exit terminal (external ø 125)	**8091205**
Adjustable roof tile compatible with the roof exit terminal	**8091300**

SEPARATE DUCTS	Code
Air intake/outlet splitter ø 80	**8093050**
Air intake/outlet splitter ø 60	**8093060**
Polypropylene extension ø 80 L.1000 Supplied in packs of 6 pieces	**8077351**
Polypropylene extension ø 80 L.500 Supplied in packs of 6 pieces	**8077350**
Polypropylene extension ø 60 L.1000	**8089920**
MF reducer ø 60/80	**8089923**
INT./EXT. rings kit ø 80	**8091500**
INT./EXT. rings kit ø 60 pipe	**8091510**
Kit of connection clamps for extensions and elbows ø 80 Supplied in packs of 5 pieces	**8092700**
Polypropylene elbow ø 80 at 90° MF Supplied in packs of 6 pieces	**8077450**
Polypropylene elbow ø 80 at 45° MF Supplied in packs of 6 pieces	**8077451**
Polypropylene elbow at 45° MF ø 60	**8089922**
Polypropylene elbow at 90° MF ø 60 with flue gas sampling port	**8089924**
Stainless steel air intake terminal ø 80	**8089500**
Stainless steel air intake terminal ø 60	**8089540**
Stainless steel outlet terminal ø 80	**8089501**
Stainless steel outlet terminal ø 60	**8089541**
Polypropylene roof exit terminal L.1381	**8091204**
Adjustable roof tile compatible with the roof exit terminal	**8091300**
Manifold for merging separate ducts into a single outlet	**8091400**
Condensate recovery tee ø 80 for use in the flue gas discharge system	**8093310**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HYBRID SYSTEMS SECTION

EDEA HYBRID

HEAT PUMP HYBRID SYSTEM FOR HEATING, COOLING AND DOMESTIC HOT WATER

NOx CLASS 6 — LOW NOX EMISSIONS

IP X5D — ELECTRICAL PROTECTION

MODULATING PUMP

INTEGRATED WEATHER COMPENSATION

Ø 50 — FLUE CHIMNEY LINING

1:10 — WIDE MODULATION RANGE

ANTIFREEZE PROTECTION TILL -5°C

AUTOMATIC BY-PASS

RANGE RATED

H_2 20% BIO METHANE 100% GREEN FLAME

PRODUCT ADVANTAGES

- It works with a blend of natural gas and hydrogen up to 20%
- High-efficiency (A^{+++}) monobloc inverter heat pumps with eco-friendly R32 or R290 refrigerant gas
- Compatible with SHP M HT heat pumps for Edea Hybrid HT models
- Compatible with SHP M Pro heat pumps for Edea Hybrid Pro models
- System composed of a 25 kW condensing boiler, a 55-liter DHW storage tank, and an external air-to-water heat pump (for complete versions)
- Integrated DHW storage tank within the indoor unit, heated exclusively by the heat pump with instantaneous integration by the gas boiler through the plate heat exchanger
- Equipped with a thermally insulated buffer tank for heating integration between the heat pump and the boiler
- Compact size and installation requirements similar a wall-mounted storage boiler
- 1:10 modulation range
- Outdoor sensor included as standard
- Management of a low/medium-temperature system circuit
- Integrated high-temperature circuit for bathroom radiator (boiler only)
- Summer cooling function

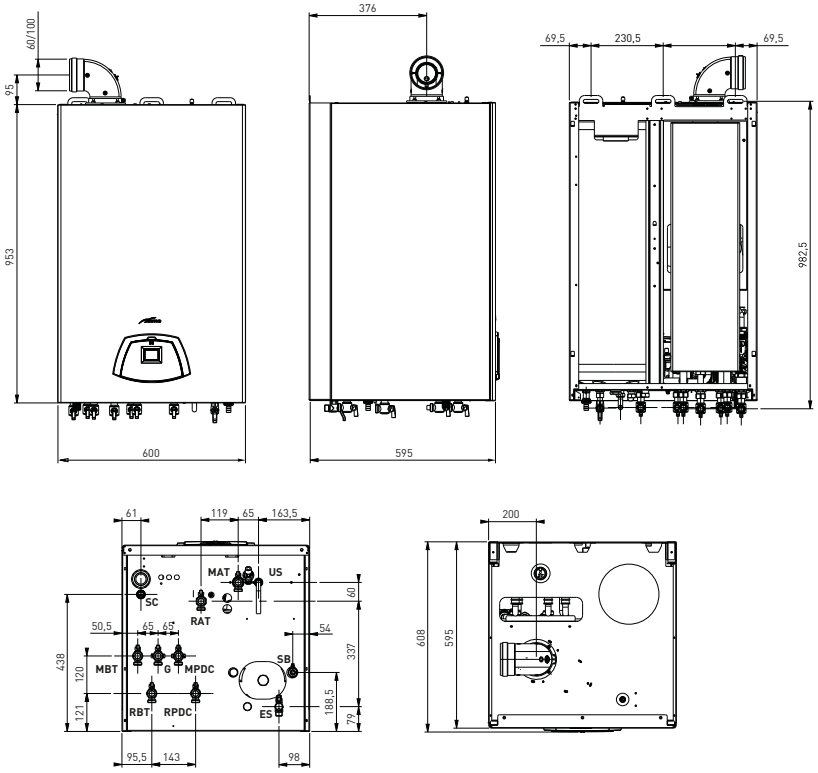
PRODUCTS

PRO MODELS
Edea Hybrid Pro 25/55-6
Edea Hybrid Pro 25/55-8
Edea Hybrid Pro 25/55-10
Edea Hybrid 25/55 (indoor unit only)

HT MODELS
Edea Hybrid HT 25/55-6
Edea Hybrid HT 25/55-8
Edea Hybrid HT 25/55-10

WARNING: The Edea Hybrid 25/55 indoor unit is compatible with both HT and PRO models.

DIMENSIONS



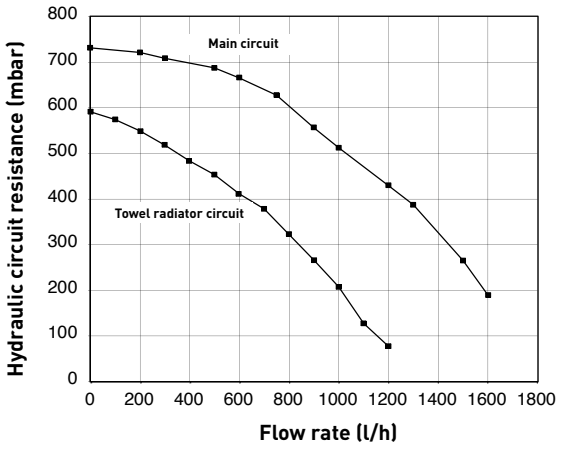
LEGEND		
MAT	High-temperature flow (bathroom radiator)	3/4"
RAT	High-temperature return (bathroom radiator)	3/4"
MPDC	Heat pump flow	1"
RPDC	Heat pump return	1"
G	Gas supply	3/4"
MBT	Low-temperature system flow	1"
RBT	Low-temperature system return	1"
ES	DHW inlet	1/2"
US	DHW outlet	1/2"
SC	Condensate drain	ø 25
SB	Storage tank drain	

TECHNICAL FEATURES

PACKAGE		Edea 25/55 + SHP M Pro 006	Edea 25/55 + SHP M Pro 008	Edea 25/55 + SHP M Pro 010	Edea 25/55 + SHP M HT 006	Edea 25/55 + SHP M HT 008	Edea 25/55 + SHP M HT 010	Edea 25/55 (solo unità int.)
DHW								
Equivalent DHW specific flow rate (according to EN13203) Δt 30°C	l/min	17,8	17,9	18,0	17,8	17,9	18,0	11,3
DHW Storage capacity	l	55	55	55	15	15	15	55[1]
DHW energy efficiency class		A	A	A	A	A	A	A
Declared DHW load profile		XL	XL	XL	XL	XL	XL	XL
HEATING								
Heating energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++	A
Boiler: Heat output (50-30°C)	kW	2,6÷26,4	2,6÷26,4	2,6÷26,4	4,3 - 21,4	4,3 - 21,4	4,3 - 21,4	2,6÷26,4
Boiler sound power level	dB(A)	56	56	56	–	–	–	56
Heat pump (air 7°C – water 35°C) Heat output (min/nom/max[2])	kW	2,98/6,5/8,47	3,0/8,4/9,56	3,0/10,0/11,2	6,28	8,10	10,00	–
Heat pump sound power level[3]	dB(A)	60	63	65	–	–	–	–
COOLING								
Heat pump (air 35°C – water 7°C) Cooling capacity (min/nom/max[2])	kW	3,69/6,5/9,27	3,72/8,3/10,41	3,69/10,0/10,38	6,50	8,30	10,00	–
Boiler / Heat pump weight	kg	85 / 87	85 / 87	85 / 87	113/50,4	113/50,4	113/50,4	85 / -

[1] Storage tank is not heated when the heat pump is inactive.
[2] When the "Max Hz" function is activated.
[3] Sound power level: heating mode, A7/W35 condition; value determined based on measurements conducted in accordance with UNI EN ISO 9614-2, compliant with Eurovent certification requirements.

HEAD AVAILABLE AT THE SYSTEM



ACCESSORIES

DESCRIPTION	Code
LPG conversion kit	**5185153**
Mounting jig	**8081222**
Connection elbows and valves kit	**8075449**
Water softener	**8101700**
Water softener recharging kit (6 pieces)	**8101710**
Condensate lift pump kit	**8105302**
DHW recirculation connection kit	**8102629**
Weekly heating/cooling chronothermostat	**8113511**
Anti-vibration rubber support bracket kit	**8108260**
Anti-vibration rubber support feet kit	**8108261**
Drain-type anti-freeze valve kit	**8089894**
Diverter valve kit for heating/cooling or DHW	**8502120**

FLUE DUCTS

CONCENTRIC DUCTS	Code
Concentric polypropylene duct kit ø 60/100 with test ports	**8096250**
Concentric polypropylene duct kit ø 80/125	**8096253**
Adapter for ø 80/125	**8093150**
Adapter for ø 60/100	**8093108**
Vertical polypropylene extension ø 60/100 L.140 with test ports	**8086950**
Polypropylene extension ø 80/125 L.1000	**8096171**
Polypropylene extension ø 80/125 L.500	**8096170**
Additional polypropylene elbow ø 80/125 at 90°	**8095870**
Additional polypropylene elbow ø 80/125 at 45°	**8095970**
Polypropylene extension ø 60/100 L.1000	**8096150**
Polypropylene extension ø 60/100 L.500	**8096151**
Additional polypropylene elbow ø 60/100 at 90°	**8095850**
Additional polypropylene elbow ø 60/100 at 45°	**8095950**
Polypropylene roof exit terminal (external ø 125)	**8091205**
Adjustable roof tile compatible with the roof exit terminal	**8091300**

SEPARATE DUCTS	Code
Air intake/outlet splitter ø 80	**8093050**
Air intake/outlet splitter ø 60	**8093060**
Polypropylene extension ø 80 L.1000 (supplied in packs of 6 pieces)	**8077351**
Polypropylene extension ø 80 L.500 (supplied in packs of 6 pieces)	**8077350**
Polypropylene extension ø 60 L.1000	**8089920**
MF reducer ø 60/80	**8089923**
INT. - EXT. ring kit ø 80 pipe	**8091500**
INT. - EXT. ring kit ø 60 pipe	**8091510**
Kit of connection clamps for extensions and elbows ø 80 (supplied in packs of 5 pieces)	**8092700**
Polypropylene elbow ø 80 at 90° MF (supplied in packs of 6 pieces)	**8077450**
Polypropylene elbow ø 80 at 45° MF (supplied in packs of 6 pieces)	**8077451**
Polypropylene elbow at 45° MF ø 60	**8089922**
Polypropylene elbow at 90° MF ø 60 with flue gas sampling port	**8089924**
Stainless steel air intake terminal ø 80	**8089500**
Stainless steel air intake terminal ø 60	**8089540**
Stainless steel outlet terminal ø 80	**8089501**
Stainless steel outlet terminal ø 60	**8089541**
Polypropylene roof exit terminal L.1381	**8091204**
Adjustable roof tile compatible with the roof exit terminal	**8091300**
Manifold for merging separate ducts into a single outlet	**8091400**
Condensate recovery tee ø 80 for use in the flue gas discharge system	**8093310**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HYBRID SYSTEMS SECTION

HYBRID WALL

WALL-MOUNTED HIDDEN BUFFER TANK
FOR MODULAR HYBRID HEATING SYSTEMS

INTEGRATED HYDRAULIC SEPARATOR

INSTALLATION BEHIND THE BOILER

PATENTED

PRODUCT ADVANTAGES

- 15-liter inertial buffer tank with hydraulic separator function, optimizing the COP of the heat pump
- Wall-mounted installation behind the boiler, requiring only an additional 9 cm of depth
- Ideal for integration into existing radiator heating systems and radiant panel systems
- Electronic system management integrated into the boiler with MEM logic, enabling simultaneous operation and generator optimization
- Compatible with Murelle HM Plus, Edea HM, Vera EV HE, Mia HE boilers of all power ratings, in both instantaneous combination and heating-only versions
- Compatible with SHP M HT/Pro 006-008[1]-010[1] heat pumps

PRODUCTS

MODEL
Hybrid Wall

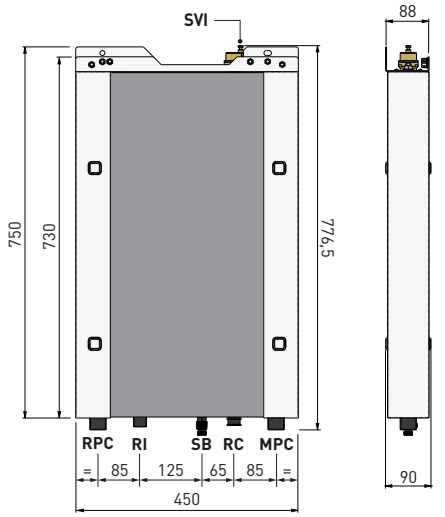
[1] For optimal operation of these heat pump models, in addition to Hybrid Wall, the heating system must have a minimum circulating water volume of at least 10 liters.

ACCESSORIES

DESCRIPTION	Code
Valve kit for Hybrid Wall and boiler	**8091845**
Valve kit for Hybrid Wall and boiler (T version)	**8091846**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HYBRID SYSTEMS SECTION

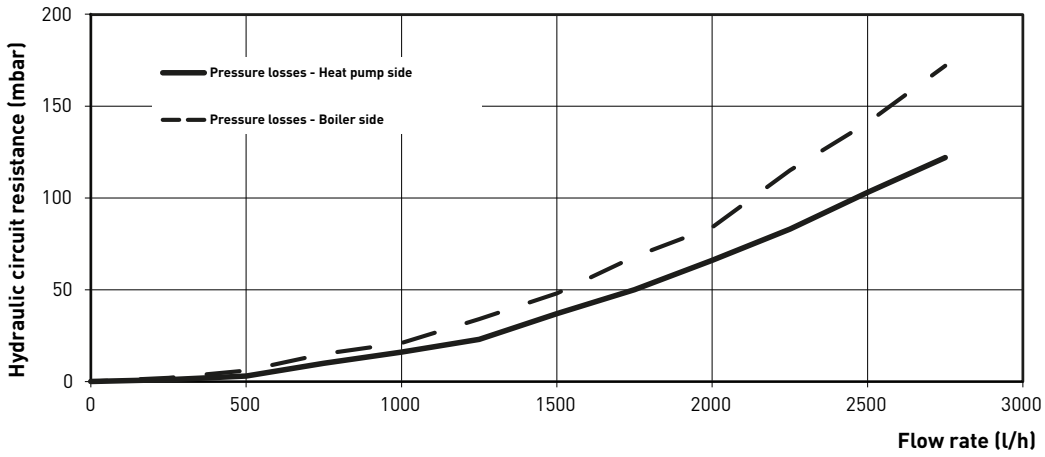
DIMENSIONS



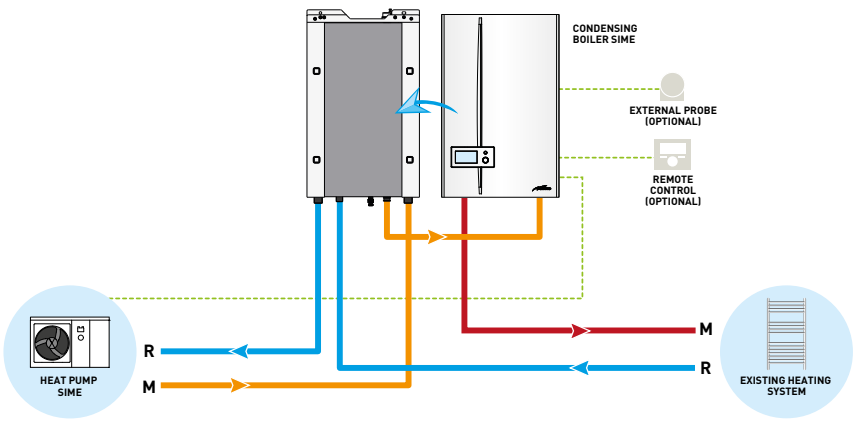
Hybrid Wall		
Storage capacity	lt	15
Insulation thickness	mm	10
Weight (dry/full)	kg	20/35

LEGEND		
RI	System return	ø 3/4"
RC	Boiler return	ø 3/4"
MPC	Heat pump flow	ø 1"
RPC	Heat pump return	ø 1"
SB	Drain valve	
SVI	Automatic air vent	

PUFFER PRESSURE DROP



OPERATING PRINCIPLE OF HYBRID WALL



Thanks to its specific hydraulic configuration, Hybrid Wall ensures that the heat pump always operates on the system return flow, maintaining high efficiency even in radiator heating systems.
The electronic temperature regulation system, integrated into the boiler, automatically activates the burner either for integration or complete energy replacement, depending on outdoor temperature and energy efficiency optimization.

KIT HYBRID

MODULE FOR MODULAR HYBRID
HEATING AND COOLING SYSTEMS

INTEGRATED HYDRAULIC SEPARATOR

MODULATING PUMP

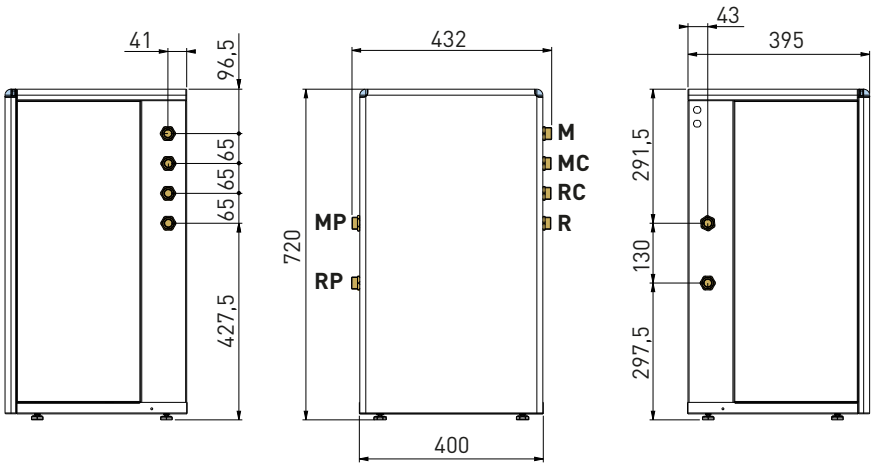
PRODUCT ADVANTAGES

- Management of two energy sources via boiler electronics with "AND" logic and ON-OFF control of the heat pump through a clean contact
- 30-liter inertial buffer tank with hydraulic separator, mixing function, and COP optimization for the heat pump
- Operates in both heating and cooling modes
- High-efficiency system booster pump included as standard
- Buffer tank, system pump and piping insulated for both heating and cooling operation
- Floor-standing or wall-mounted installation
- Compatible with Murelle HM Plus, and Edea HM boilers
- Compatible with SHP M HT and SHP M Pro heat pumps up to 12 kW

PRODUCTS

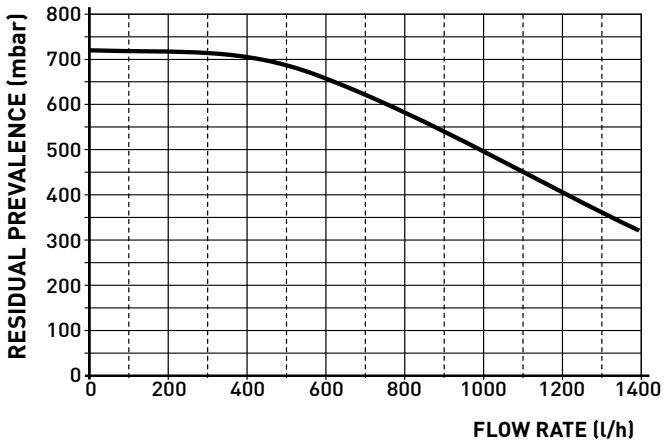
MODEL
Kit Hybrid

DIMENSIONS

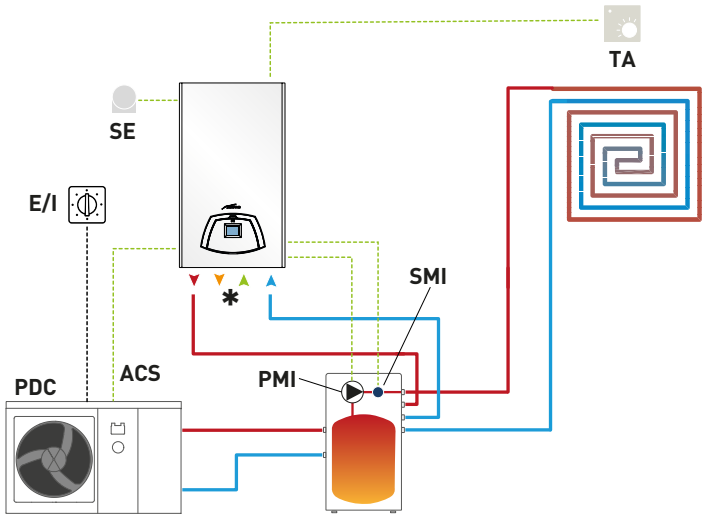


LEGEND		
R	System return	3/4"
M	System flow	3/4"
MC	Boiler flow	3/4"
RC	Boiler return	3/4"
MP	Heat pump flow	3/4"
RP	Heat pump return	3/4"

RESIDUAL HEAD OF SYSTEM DELIVERY PUMP



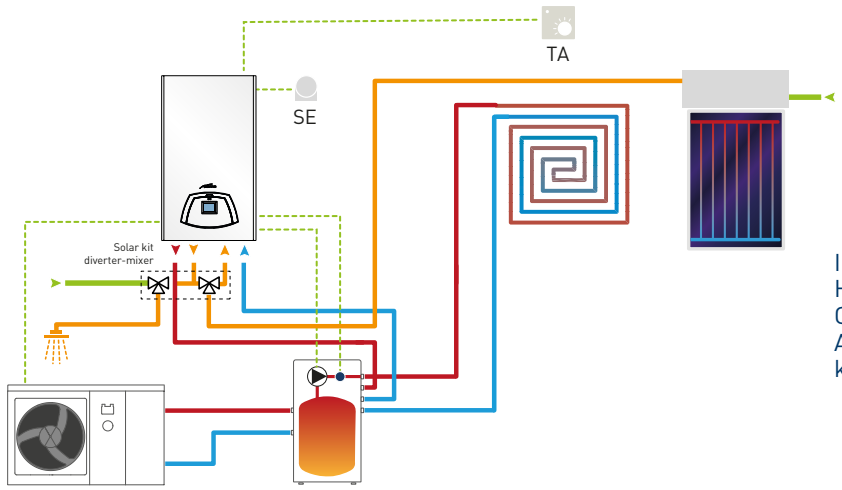
EXAMPLES OF KIT HYBRID APPLICATIONS



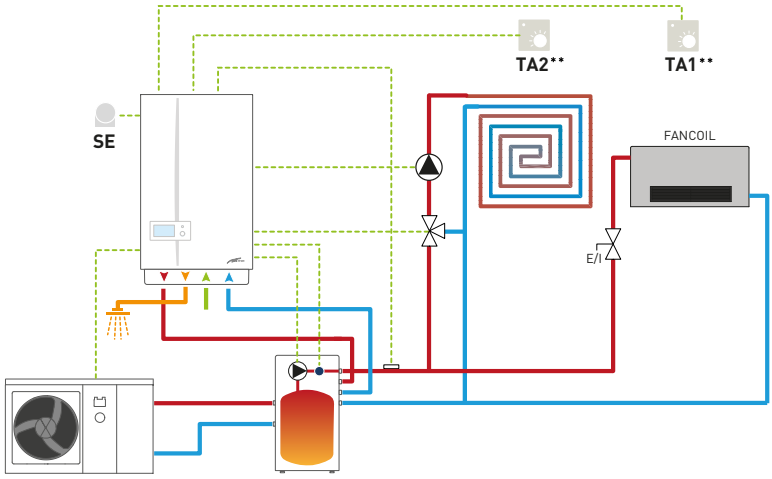
INSTANTANEOUS BOILER EDEA HM WITH KIT HYBRID AND AIR-TO-WATER HEAT PUMP UP TO 12 kW

* Application possible with all instantaneous combi models, DHW tank combi models, and heating-only "T" models.

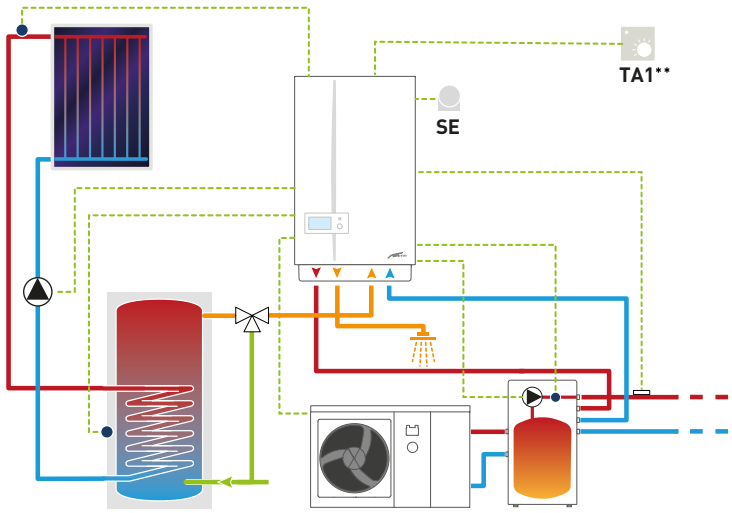
EXAMPLES OF KIT HYBRID APPLICATIONS



INSTANTANEOUS BOILER EDEA HM WITH KIT HYBRID, NATURAL CIRCULATION SOLAR SYSTEM, AND AIR-TO-WATER HEAT PUMP UP TO 12 kW



INSTANTANEOUS BOILER MURELLE HM PLUS WITH KIT HYBRID, AIR-TO-WATER HEAT PUMP UP TO 12 KW, HEATING/ COOLING SYSTEM WITH ONE MIXED CIRCUIT AND ONE DIRECT CIRCUIT TO FAN COILS



INSTANTANEOUS BOILER MURELLE HM PLUS WITH KIT HYBRID, FORCED SOLAR SYSTEM, AND AIR-TO-WATER HEAT PUMP UP TO 12 KW

MEM Power System

MULTI ENERGY MANAGER FOR HIGH-POWER "FACTORY MADE" HYBRID SYSTEMS

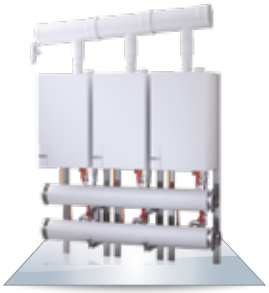
PRODUCT ADVANTAGES

- Integrated energy source management system, ensuring optimal performance and maximum efficiency under all operating conditions
- MEM control logics validated through the monitoring of multiple installed systems
- Management of heating, cooling, domestic hot water, DHW recirculation, anti-legionella function, pump anti-blocking, generator backup, and immediate fault signaling
- Modbus® communication between boilers, Sime heat pumps, and the MEM control unit, which collects real-time operating parameters and defines the best modulation strategy for the generators
- Large backlit graphic display, wall-mountable, for intuitive and complete system management, including real-time monitoring of operating parameters
- MEM control unit also available as a pre-installed configuration in an electrical panel, equipped with a power supply, power relays, and convenient DIN-rail terminal blocks
- Possibility of integration with building automation systems and BMS via the MODBUS protocol, using the dedicated accessory
- MEM Power System, when combined with Sime boilers and heat pumps, forms a "Factory Made" hybrid system

PRODUCTS

MODEL
MEM Power System (control unit only)
MEM Power System QE (control unit pre-installed in an electrical panel)

BASE COMPONENTS



BOILER

Murelle HE R, Murelle Equipe ErP, Murelle Equipe BOX ErP, Alu HE, Alu Plus HE

HEAT PUMP

SHP M Power, SHP M Plus HT, SHP M Pro, SHP M HT

mem POWER SYSTEM

MEM control unit + graphical interface
Accessories

DHW STORAGE TANKS AND BUFFERS for heat pumps

BS HP, BS HP-S, BS HP-B, BS Combi HP-S, BS Puff HP

SOLAR THERMAL

Simesol, Simeplano, GI 2C, GI 1C, Termosolis

MEM Power System is available in two versions:
- MEM control unit + remote graphical interface
- MEM control unit pre-installed in an electrical panel, complete with relays and terminal blocks + remote graphical interface

Each kit includes:
- MEM Power System
- 4 temperature probes for buffer tank and DHW storage tank
- Outdoor sensor

Compatible system components:
- Sime heat pumps with cascade configuration options, available in the following ranges: SHP M Power, SHP M Plus HT, SHP M Pro, SHP M HT
- Sime condensing boilers, available in the following ranges: Murelle HE R, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE
- Sime storage tanks from the heat pump-specific ranges
- Solar thermal system for DHW production, composed of: Simesol or Simeplano, solar collectors GI 2C or GI 1C, hydraulic group Termosolis solar controller

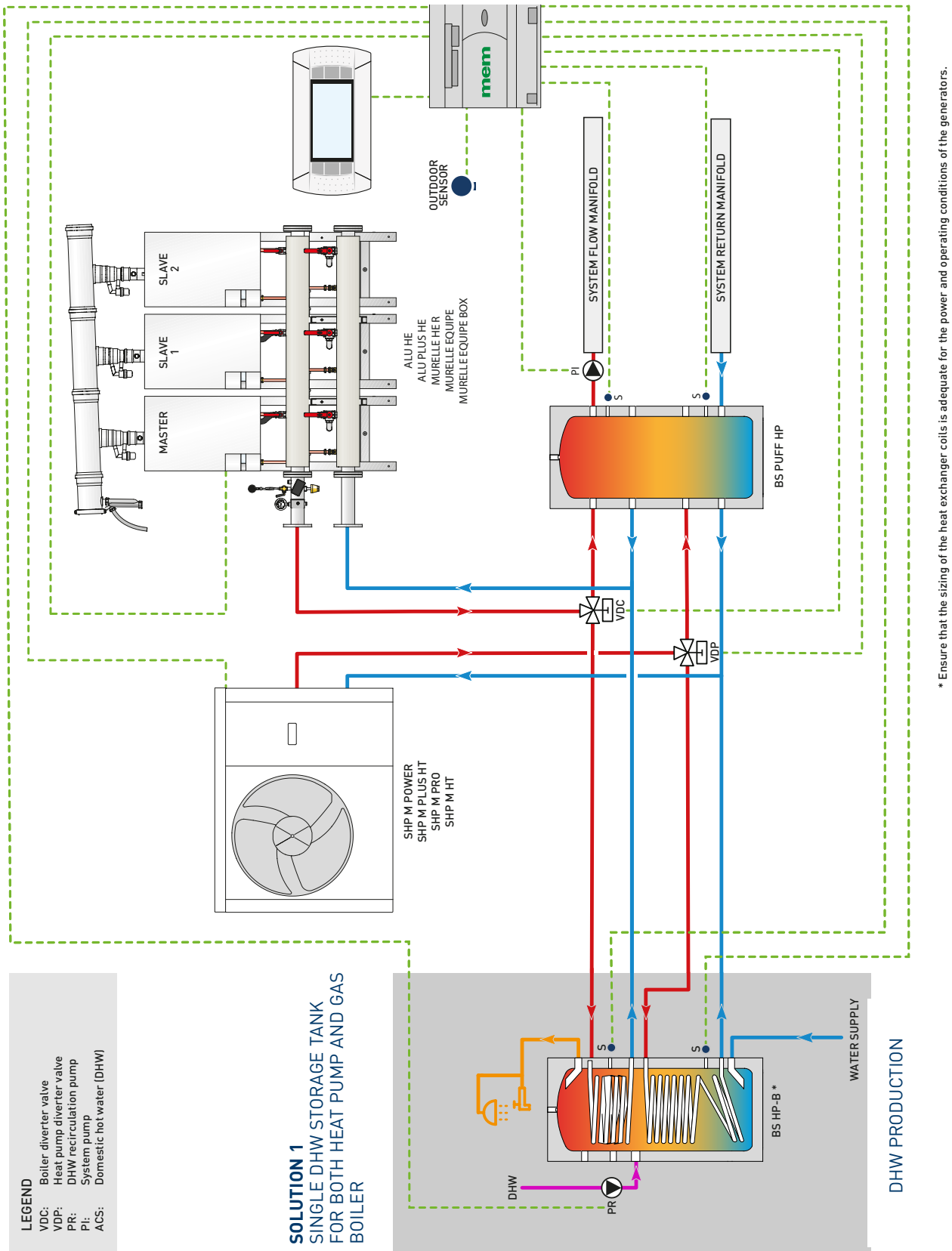
The MEM Power System software is designed for complete management of the system, as illustrated in the principal diagram and options for DHW production on the following pages.

ACCESSORIES

DESCRIPTION	Code
Temperature probe L.6000	**6231332**
Clamp-on pipe sensor (for pipes from 21 to 76 mm diameter)	**6277122**
Modbus communication board for BMS system supervision	**7504301**

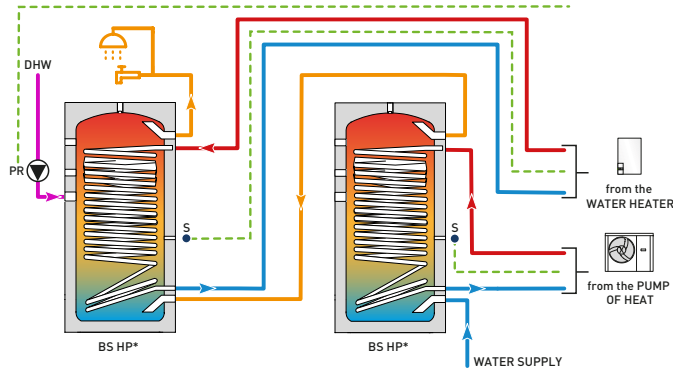
DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HYBRID SYSTEMS SECTION

MEM POWER SYSTEM PRINCIPAL DIAGRAM

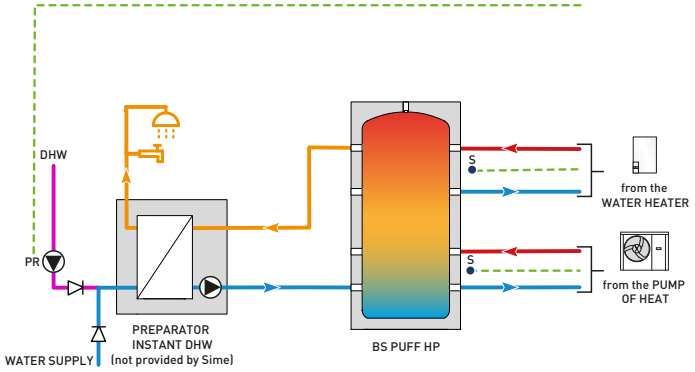


* Ensure that the sizing of the heat exchanger coils is adequate for the power and operating conditions of the generators.

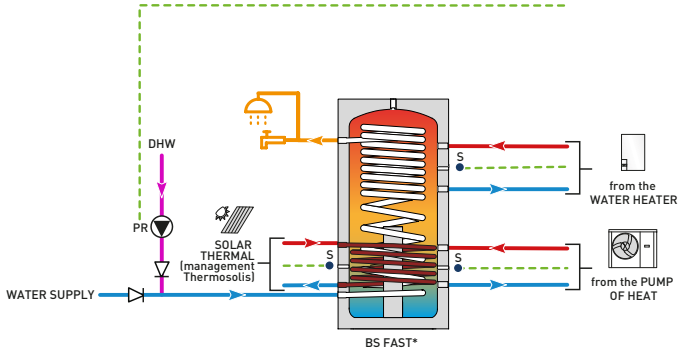
IMPORTANT NOTICE
This diagram does not replace a technical design, which must always be issued by a qualified professional.
If there are functional discrepancies compared to this principal diagram, Sime will not authorize the first system startup.



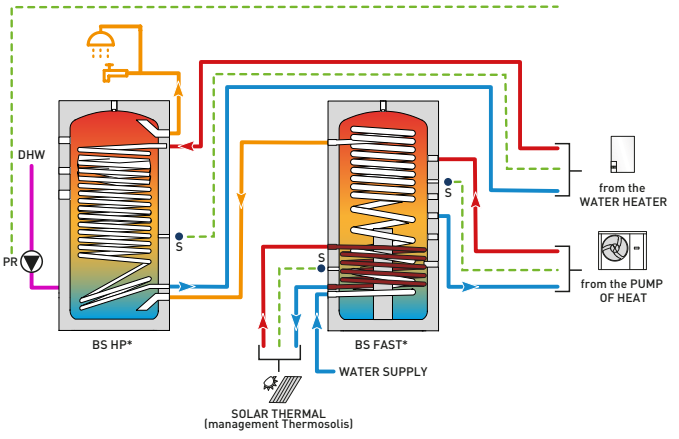
SOLUTION 2
SEPARATE DHW STORAGE TANKS FOR HEAT PUMP AND BOILER



SOLUTION 3
BUFFER TANK WITH INSTANTANEOUS DHW PREPARATION



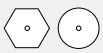
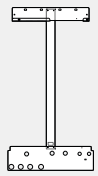
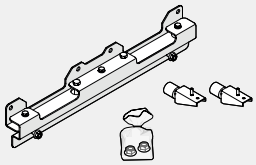
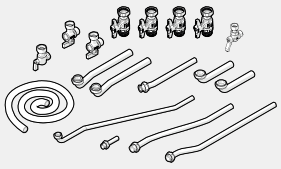
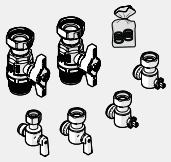
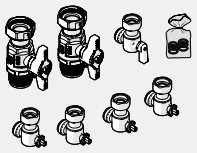
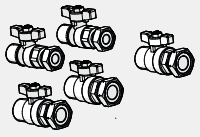
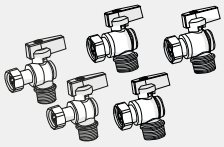
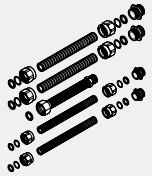
SOLUTION 4
FAST BUFFER TANK FOR HEAT PUMP AND BOILER WITH OPTIONAL SOLAR INTEGRATION

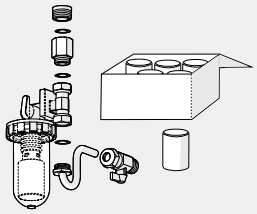
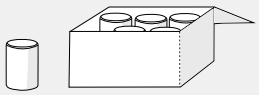
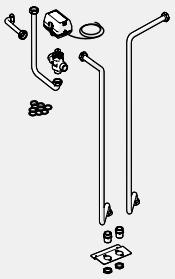
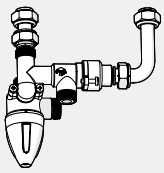
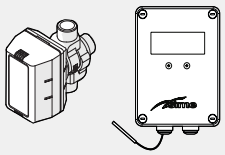


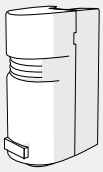
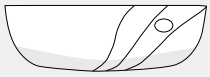
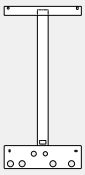
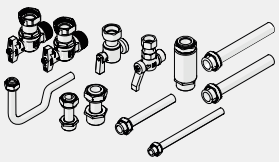
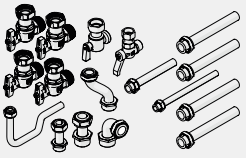
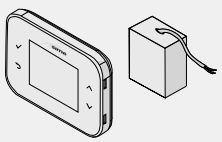
SOLUTION 5
FAST BUFFER TANK FOR HEAT PUMP WITH OPTIONAL SOLAR INTEGRATION AND DHW STORAGE TANK FOR BOILER

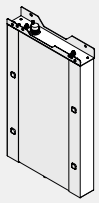
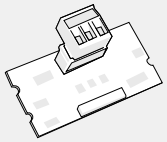
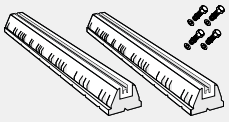
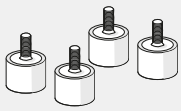
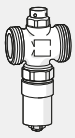
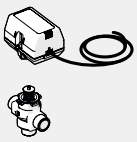
*** Check that the sizing of the exchange coils is adequate for the power and operating conditions of the generators**

ACCESSORIES

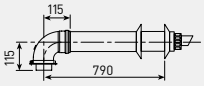
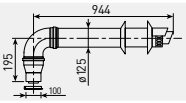
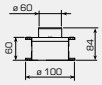
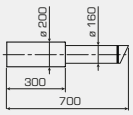
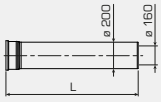
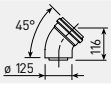
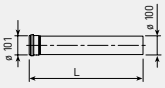
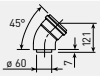
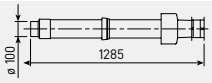
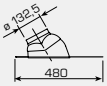
DESCRIPTION	Code	
LPG conversion kit **APPLICATION: Murelle Hybrid Split**	5185154	
LPG conversion kit **APPLICATION: Edea Hybrid**	5185153	
Mounting jig Used to prepare for boiler installation and hydraulic/gas connections. Included components: Boiler support bracket, vertical element, lower element, and fixing screws. **APPLICATION: Edea Hybrid**	8081222	
Fixing Bracket with Anti-Vibration Supports Allows the unit to be distanced from the wall with anti-vibration suspensions, ensuring silent operation, especially when installed on walls or structural parts of the building that could transmit and amplify the heat pump vibrations. Included components: 1 upper bracket with fixed suspensions, 2 lower brackets with adjustable suspensions, M10 fixing nuts. **APPLICATION: Hybrid Revolution**	8081224	
Connection Elbows and Valve Kit **Used to connect the boiler to the gas network and hydraulic systems.** Included components: Gas valve 3/4" MF, High-temperature circuit flow/return valve 3/4" MF (x2), Low-temperature circuit flow/return valve and heat pump supply/return valve 1" MF (x4), Cold water inlet valve 1/2" MF, Various pipe elbows and connectors, insulation sheath, and gaskets **APPLICATION: Edea Hybrid**	8075449	
Valve Kit for Hybrid Wall and Boiler (Instantaneous Versions) Used to connect the kit and boiler to the gas network and hydraulic systems. Included components: Curved gas valve 3/4" MF, Curved cold water inlet valve 1/2" MF, Curved boiler flow/return valves 3/4" MF (x2), Straight heat pump flow/return valves 1" (x2) Gaskets **APPLICATION: Hybrid Wall**	8091845	
Valve Kit for Hybrid Wall and Boiler (T Version) Used to connect the kit and boiler to the gas network and hydraulic systems. Included components: Curved gas valve 3/4" MF, Curved boiler valves 3/4" MF (x4), Straight heat pump flow/return valves 1" (x2), Gaskets **APPLICATION: Hybrid Wall**	8091846	
Straight Valve Kit for Indoor Cabinet Used to connect the generator to the gas network, heating system, and DHW distribution system. Included components: Straight water and gas valves with gaskets **APPLICATION: Indoor Cabinet**	8091831	
Curved Valve Kit for Indoor Cabinet Used to connect the generator to the gas network, heating system, and DHW distribution system. Included components: 90° water and gas valves with gaskets **APPLICATION: Indoor Cabinet**	8091832	
Adapter Kit for Replacing Wall-Mounted Boilers of Other Brands Used to connect Sime boilers to the gas network and hydraulic systems already configured for other brands. Included components: Various fittings, flexible hoses, adapters, and gaskets **APPLICATION: Hybrid Revolution**	8093900	

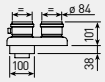
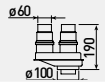
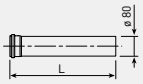
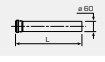
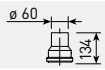
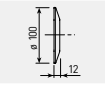
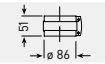
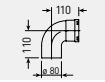
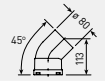
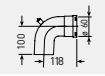
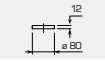
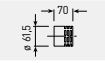
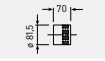
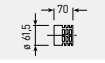
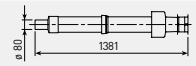
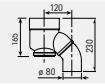
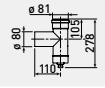
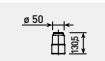
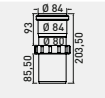
DESCRIPTION	Code	
Water softener Protects the boiler's domestic hot water circuit from limescale buildup. Included components: Polyphosphate dosing system with six refills, Brass extension, copper tubing, cold water inlet valve, and gaskets TECHNICAL CHARACTERISTICS - Operating pressure: 8 bar - Operating temperature: 0 to +45°C - Refill autonomy: 12-15 m³ - Connections: 1/2" - Flow rate: 1.5 m³/h **APPLICATION: Hybrid Revolution, Edea Hybrid**	**8101700**	
Water softener recharging kit Used to replace exhausted capsules in the polyphosphate anti-scale dosing kit. Included components: 6 pieces **APPLICATION: Water softener**	**8101710**	
Anti-Freeze Resistors Kit (-15°C) Protects Open Hybrid systems from freezing when temperatures drop as low as -15°C.Included components: Wire-type anti-freeze resistances for piping **APPLICATION: Open Hybrid MEM**	**6279132**	
High-Temperature Zone Kit Used to supply a high-temperature zone in the heating system exclusively with the boiler. Included components: Distributor valve body, valve actuator, connection pipes, nuts, nipples, and gaskets **APPLICATION: Open Hybrid MEM**	**8100865**	
Solar Kit Allows DHW storage heating using a solar system. Included components: Single-column hydraulic group, Collector sensor, Storage tank sensor, 12-liter expansion vessel, Solar thermostatic mixer, Connection pipes, fittings, and gaskets **APPLICATION: Open Hybrid MEM**	**8100861**	
DHW Recirculation Connection Kit Used to connect the DHW recirculation system to the generator. Included components: Internal pipe, locknut, and gasket **APPLICATION: Edea Hybrid**	**8102629**	
Solar Diverter-Mixing Kit Enables integration of a preheated DHW storage tank for use with an instantaneous boiler. Included components: Compact diverter-mixing valve, Inlet and outlet pipes **APPLICATION: Hybrid Revolution**	**8105104**	
DHW Storage Tank Kit Preheats a DHW storage tank in heating mode for Hybrid Revolution 30; final preparation is completed via the onboard hydraulic group. Included components: Immersion thermostat, Motorized diverter valve, Electronic panel with wiring and control relay **APPLICATION: Hybrid Revolution**	**8102687**	

DESCRIPTION	Code	
Immersion Sensor L.6000 Included components: NTC 10 KΩ immersion sensor **APPLICATION: MEM Power System**	**6231332**	
Clamp-On Pipe Sensor ø 21 to 76 mm Used to measure the system flow temperature when using a hydraulic separator. Included components: Clamp-on contact sensor **APPLICATION: MEM Power System**	**6277122**	
Condensate Lift Pump Kit Discharges condensate water when the boiler is installed below the drainage level. **APPLICATION: Hybrid Revolution, Edea Hybrid**	**8105302**	
Indoor Cabinet Allows the installation of Open Hybrid systems indoors. Included components: White-painted indoor cabinet with double doors **APPLICATION: Open Hybrid MEM**	**8097535**	
Fully Built-in Cabinet Allows the built-in installation of Open Hybrid systems. Included components: Fully built-in cabinet with double doors, including water and gas valves with gaskets **APPLICATION: Open Hybrid MEM**	**8097537**	
Mounting Jig Used to prepare for boiler installation and hydraulic/gas connections. Included components: Boiler support bracket, vertical element, lower element, and fixing screws **APPLICATION: Murelle Hybrid Split - Split THP**	**8081225**	
Connection Valve Kit Used to connect the wall-mounted unit to the gas network and hydraulic systems. Included components: 90° gas valve 1" - 1" (M-F) (x2), 90° valve 3/4"-3/4" (M-F), 90° valve 1/2"- 1/2" (M-F), Various pipes and elbows (ø 22 - 1", ø 18 - 3/4", ø 14 - 1/2"), Insulation sheath **APPLICATION: Murelle Hybrid Split (instantaneous version - not THP)**	**8075450**	
Connection Valve Kit Used to connect the wall-mounted unit to the gas network and hydraulic systems. Included components: 90° gas valve 1" - 1" (M-F) (x4), 90° valve 3/4"-3/4" (M-F), 90° valve 1/2"- 1/2" (M-F), Various pipes and elbows (ø 22 - 1", ø 18 - 3/4", ø 14 - 1/2"), Insulation sheath **APPLICATION: Murelle Hybrid Split THP**	**8075451**	
Sime Smart Hybrid Remote Control Used to control, monitor, and adjust the hybrid generator remotely. Equipped with: Internal temperature sensor, Weekly heating/cooling chronothermostat function, Class V device, Two-wire BUS communication with the generator, Wi-Fi connection to the home router, 24V power supply included **APPLICATION: Murelle Hybrid Split - Split THP**	**8118904**	
SRS Room Sensor Used to manage an additional heating/cooling zone. Up to 8 SRS sensors can be installed, Requires Sime Smart Hybrid for wireless radio communication, Battery-powered (2xAA, not included) **APPLICATION: Murelle Hybrid Split - Split THP**	**8118902**	

DESCRIPTION	Code	
Puffer Wall (heating only) A buffer tank only 9 cm thick, installable behind the wall-mounted unit as a structural support. Increases system water volume by 15 liters. For heating mode only **APPLICATION: Murelle Hybrid Split - Split THP**	**8114504**	
Modbus Communication Board for BMS System Supervision Modbus RTU Slave RS485 interface board, allowing the MEM Power System control unit to connect to third-party BMS supervision systems. **APPLICATION: MEM Power System**	**7504301**	
Anti-Vibration Rubber Support Bracket Kit Floor support brackets for heat pumps, designed to reduce vibrations and noise from the unit. Included components: Anti-vibration brackets L. 600 (x2), M10 x 25 bolts (x4), M10 nuts (x4), Washers 19.5 x 10.6 x 2 (x4) **APPLICATION: Murelle Hybrid Split, Open Hybrid MEM, Edea Hybrid**	**8108260**	
Anti-Vibration Rubber Support Feet Kit Rubber anti-vibration feet for heat pumps, designed to reduce vibrations and noise from the unit. Included components: Anti-vibration feet (x4) **APPLICATION: Murelle Hybrid Split, Open Hybrid MEM, Edea Hybrid**	**8108261**	
Drain-Type Anti-Freeze Valve Kit Protects the system in case of freezing risk for pipes and the unit, even in the absence of electrical power. Prevents ice formation by draining water from the system. Included components: Valve with anti-freeze cartridge **APPLICATION: Open Hybrid MEM, Edea Hybrid**	**8089894**	
Diverter Valve Kit for Heating/Cooling or DHW Allows the water flow from the heat pump to be diverted either to the heating/cooling system or to a DHW storage tank. Included components: On/off actuator 230V, 3-way valve body 1"1/4 **APPLICATION: Murelle Hybrid Split, Open Hybrid MEM, Edea Hybrid**	**8502120**	

FLUE DUCTS

CONCENTRIC DUCTS	Code	
Concentric polypropylene duct kit ø 60/100 with test ports	**8096250**	
Concentric polypropylene duct kit ø 80/125	**8096253**	
Extension for air intake and outlet ø 60/100 L.85	**8093107**	
Adapter for ø 60/100 L.85	**8093108**	
Adapter for ø 80/125	**8093150**	
Vertical polypropylene extension ø 60/100 L.140 with test ports	**8086950**	
Polypropylene air intake/outlet terminal ø 160/200	**8089551**	
Polypropylene extension ø 160/200 L.1000	**8077362**	
Polypropylene extension ø 160/200 L.500	**8077363**	
Polypropylene 90° elbow ø 160/200	**8089943**	
Polypropylene 45° elbow ø 160/200	**8089944**	
Polypropylene extension ø 80/125 L.1000	**8096171**	
Polypropylene extension ø 80/125 L.500	**8096170**	
Additional polypropylene elbow ø 80/125 at 90°	**8095870**	
Additional polypropylene elbow ø 80/125 at 45°	**8095970**	
Polypropylene extension ø 60/100 L.1000	**8096150**	
Polypropylene extension ø 60/100 L.500	**8096151**	
Additional polypropylene elbow ø 60/100 at 90°	**8095850**	
Additional polypropylene elbow ø 60/100 at 45°	**8095950**	
Polypropylene roof exit terminal (external ø 125)	**8091205**	
Adjustable roof tile compatible with the roof exit terminal	**8091300**	

SEPARATE DUCTS	Code	
Air intake/outlet splitter ø 80	**8093050**	
Air intake/outlet splitter ø 60	**8093060**	
Polypropylene extension ø 80 L.1000 (supplied in packs of 6 pieces)	**8077351**	
Polypropylene extension ø 80 L.500 (supplied in packs of 6 pieces)	**8077350**	
Polypropylene extension ø 60 L.1000	**8089920**	
MF reducer ø 60/80	**8089923**	
Int.-Ext. ring kit ø 80	**8091500**	
Int.-Ext. ring kit ø 60	**8091510**	
Connection clamp kit for extensions and elbows ø 80 (supplied in packs of 5 pieces)	**8092700**	
Polypropylene elbow ø 80 at 90° MF (supplied in packs of 6 pieces)	**8077450**	
Polypropylene elbow ø 80 at 45° MF (supplied in packs of 6 pieces)	**8077451**	
Polypropylene elbow at 45° MF ø 60	**8089922**	
Polypropylene elbow at 90° MF ø 60 with flue gas sampling port	**8089924**	
Stainless steel air intake terminal ø 80	**8089500**	
Stainless steel air intake terminal ø 60	**8089540**	
Stainless steel outlet terminal ø 80	**8089501**	
Stainless steel outlet terminal ø 60	**8089541**	
Polypropylene roof exit terminal L.1381	**8091204**	
Adjustable roof tile compatible with the roof exit terminal	**8091300**	
Manifold for merging separate ducts into a single outlet	**8091400**	
Condensate recovery tee ø 80 for use in the flue gas discharge system	**8093310**	
MF reducer ø 80/50	**8089941**	
Clapet valve kit for installation C (10)	**6296543**	

HEAT PUMPS

- The range of heat pumps 42

HEAT PUMPS

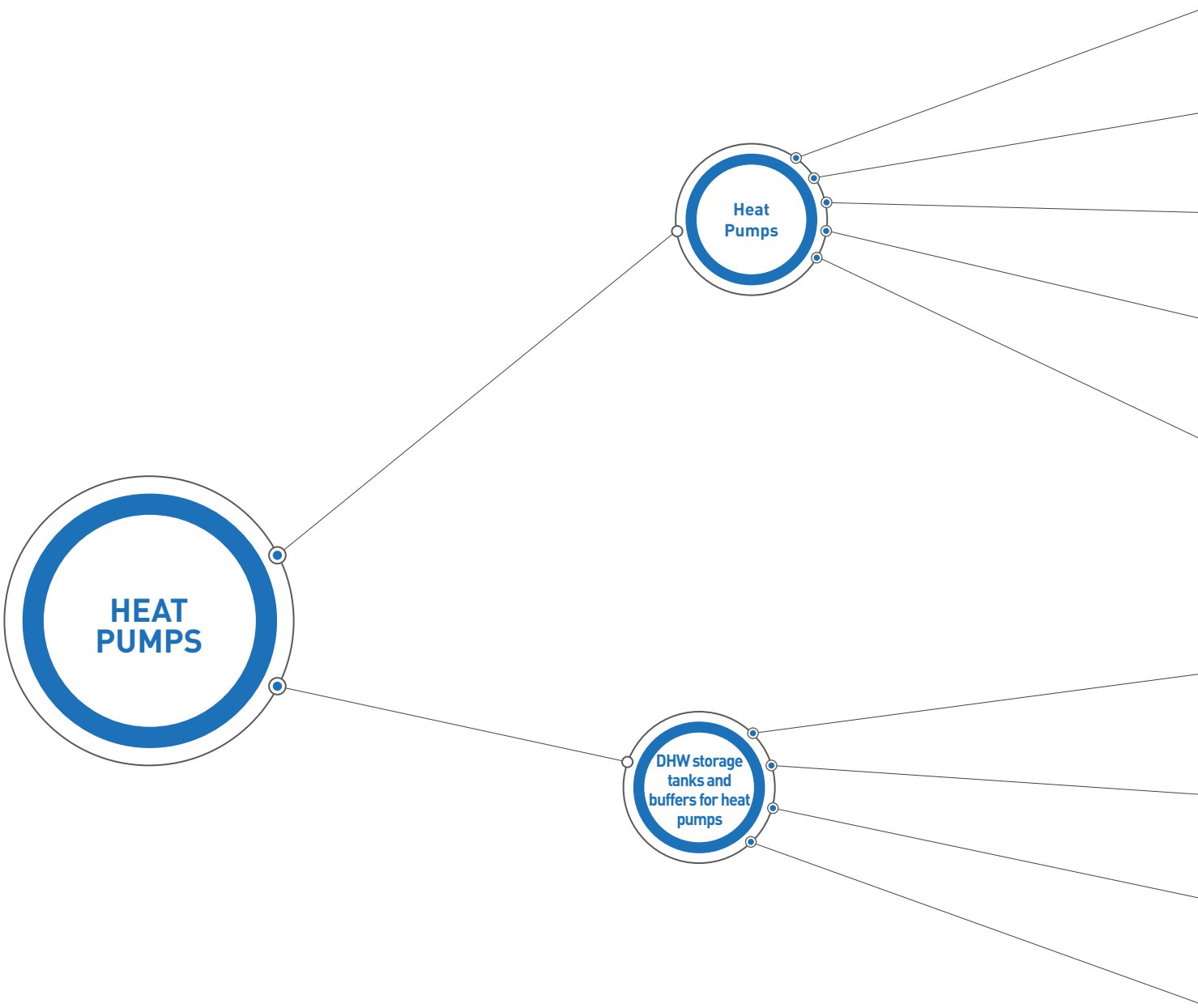
- Open SHP MEM 44
- SHP M HT 48
- SHP M Pro 51
- SHP M Plus HT 54
- SHP M Power 57

DHW STORAGE TANKS AND BUFFERS FOR HEAT PUMPS

- BS HP - BS HP S - BS HP B 60
- BS Combi HP S 62
- BS Puff HP 64
- BS Puff Box 66

- Accessories 68

THE RANGE OF HEAT PUMPS



Open SHP MEM

Fully electric systems managed with MEM logic, composed of an air-water heat pump and optional solar thermal integration/resistances

SHP M HT

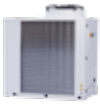
Monobloc inverter air/water heat pumps with axial fans

SHP M Pro

Monobloc inverter air/water heat pumps with axial fans

SHP M Plus HT

Monobloc inverter air/water heat pumps with axial fans



SHP M Power

Monobloc inverter air/water heat pumps with axial fans

BS HP - BS HP S - BS HP B

Domestic hot water storage tank for heat pumps and solar systems

BS Combi HP S

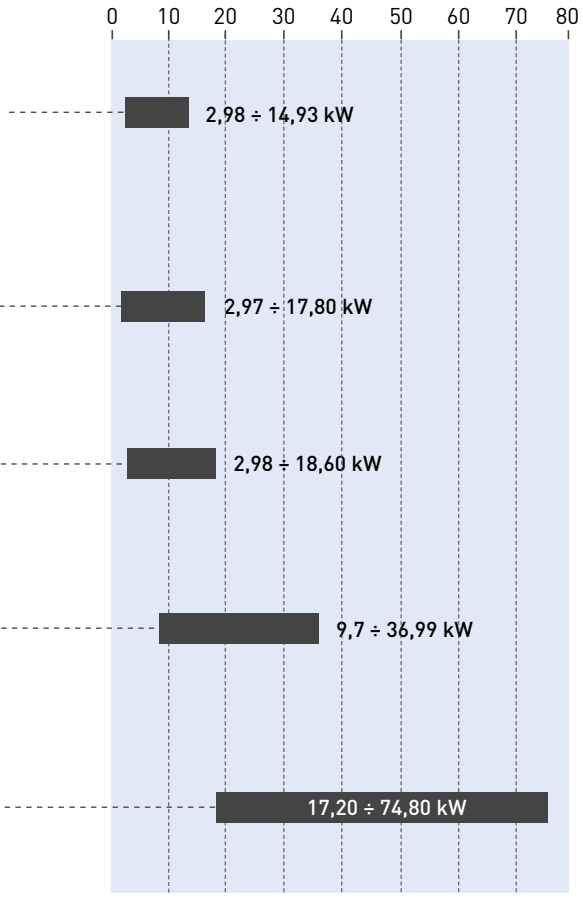
Combined systems consisting of a dual-coil domestic hot water storage tank for heat pump/solar and a buffer storage tank for the system

BS Puff HP

Buffer storage tanks for heat pumps

BS Puff Box

Inertial buffer tank to support heat pumps



OPEN SHP MEM

FULLY ELECTRIC SYSTEMS MANAGED WITH MEM LOGIC,
COMPOSED OF AN AIR-WATER HEAT PUMP
AND OPTIONAL SOLAR THERMAL INTEGRATION/RESISTANCES

FULL ELECTRIC

IP X5D
ELECTRICAL PROTECTION

REMOTE CONTROL

DOMESTIC HOT WATER ENSURED

OUTDOOR AND BUILT-IN IN-STALLATION

INTEGRATED WEATHER COMPENSATION

REMOTE WATER FILLING

WI-FI CONNECTIVITY

ANTIFREEZE PROTECTION TILL -5°C

PV SELF-CONSUMPTION FUNCTION

MODULATING PUMP

INTEGRATED HYDRAULIC SEPARATOR

R32
ECOLOGICAL REFRIGERANT

PRODUCT ADVANTAGES

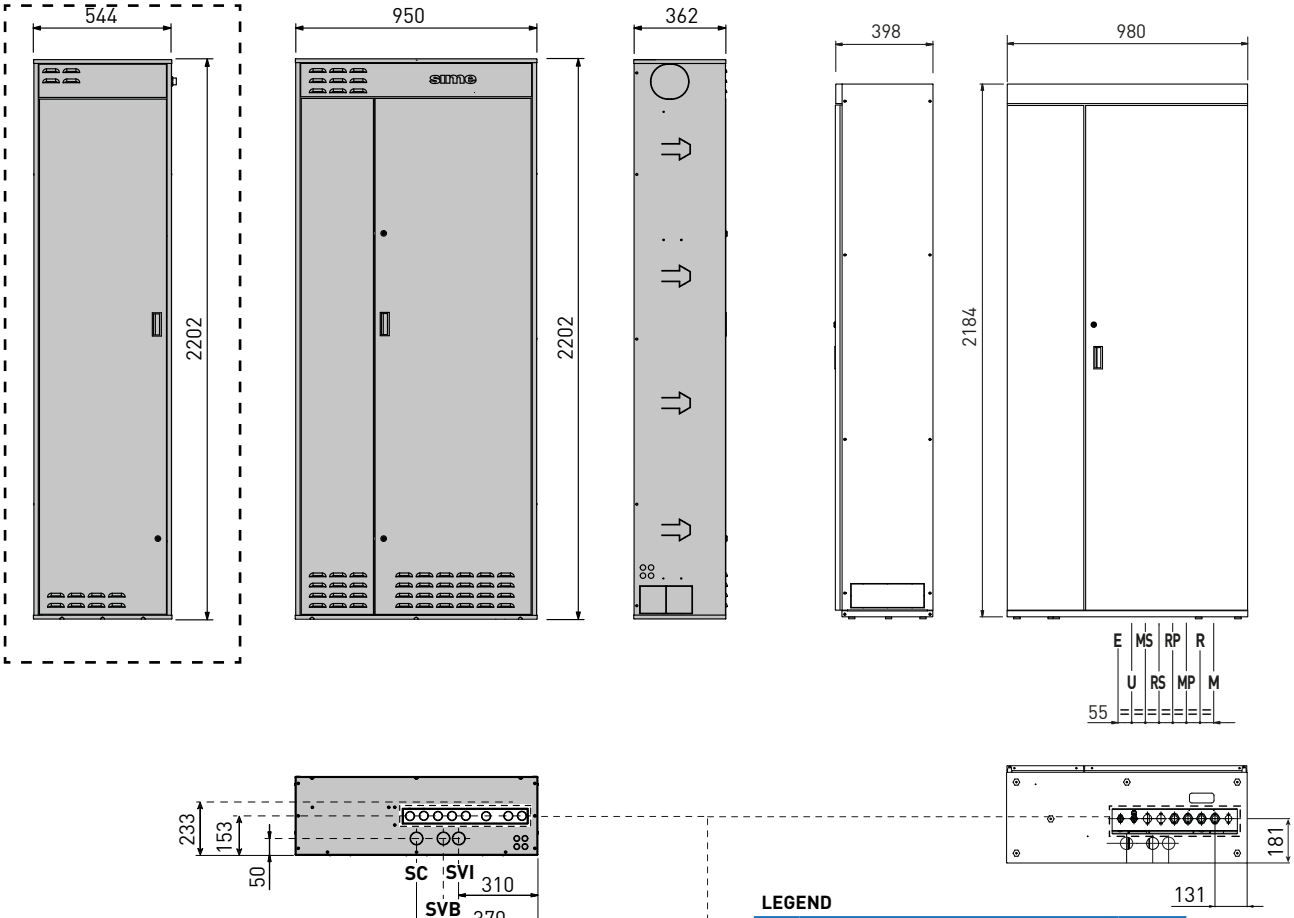
- High-efficiency (A^{+++}) monobloc inverter heat pumps with eco-friendly R32 refrigerant gas
- Configurable with various heat pump sizes (6-8-10-12 kW)
- Management of multiple energy sources, including simultaneous operation, through MEM system
- Photovoltaic self-consumption function with clean contact input from inverter
- 150-liter stainless steel DHW storage tank included as standard
- Optional 50-liter stainless steel DHW storage tank kit installable within standard cabinet
- Optional 150-liter stainless steel DHW storage tank kit installable in an additional built-in cabinet kit upon request
- Patented 30-liter buffer/separator integrated as standard in Open SHP MEM Plus Pro models and optional in other models
- Optional integration resistances for domestic hot water and heating
- Optional solar integration for domestic hot water within standard dimensions
- High-efficiency modulating system pump integrated as standard in Open SHP MEM Plus Pro models and optional in other models
- Summer cooling function with dual set-point for dehumidification function
- Insulated piping
- Remote control included as standard with Wi-Fi connectivity, backlit color display, and class V programmable thermostat function
- Remote control via “Sime Connect” app
- Water filling via remote control

DIMENSIONS

Full built-in cabinet extra 150 liters

Full built-in cabinet

Indoor cabinet



LEGEND		
R	High temperature return to system	1"
M	High temperature flow	1"
E	Domestic water inlet	1/2"
U	Domestic water outlet	1/2"
MS	Solar collector flow	1"
RS	Solar collector return	1"
MP	Heat pump flow	1"
RP	Heat pump return	1"
SVI	System safety valve discharge	
SVB	Boiler safety valve discharge	
SC	Condensate drain	

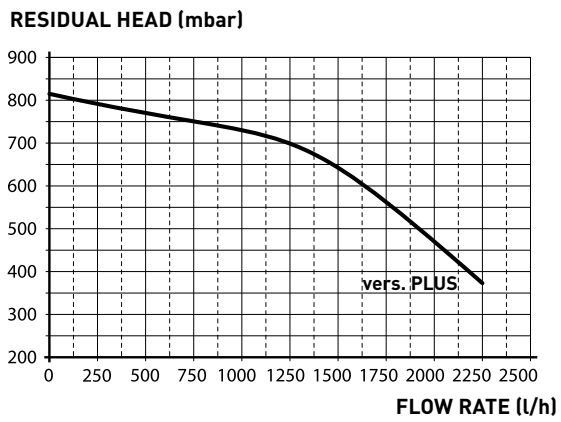
PRODUCTS

MODELS
Open SHP MEM Plus Pro 6[1]
Open SHP MEM Plus Pro 8[1]
Open SHP MEM Plus Pro 10[1]
Open SHP MEM Plus Pro 12[1]

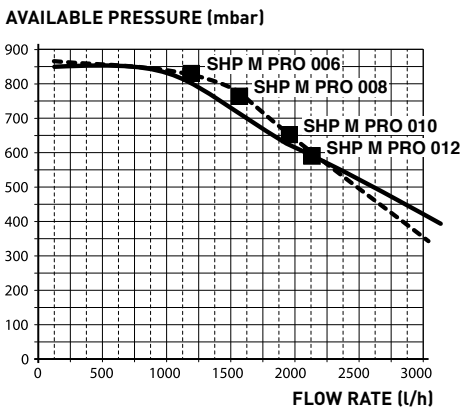
MODELS
Open SHP MEM Pro 6
Open SHP MEM Pro 8
Open SHP MEM Pro 10
Open SHP MEM Pro 12

[1] Plus models are supplied as standard with an integrated buffer/separator and system circulator (available as accessories for other models).

HYDRAULIC HEAD FOR THE SYSTEM



HYDRAULIC HEAD FOR HEAT PUMPS



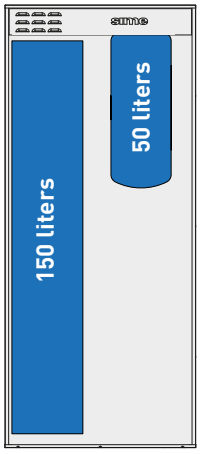
RECOMMENDED COMBINATION WITH SOLAR COLLECTORS

MODEL	Gross Surface (m^2)	Net Surface (m^2)	Empty Weight (kg)	Capacity (l)	Structure	Collector Dim. (mm) H	W	P	Code
SimeSol 182 [1]	2,0	1,82	40,0	1,75	Naval aluminume	2.010	1.010	110	**7500800**
Collector fittings									**8500300**
Roof mounting kit									**8501630**
Mounting bracket kit for free-standing collectors				(2 pieces required)					**5801700**
Antifreeze (100% pure) 10 kg									**8106094**

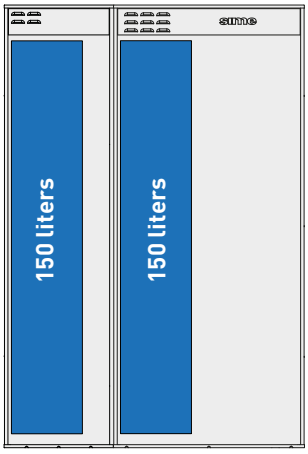
[1] Recommended for use with only one solar collector. If the extra 150-liter boiler kit (code: 8100881) is used, up to two solar collectors can be applied.

AVAILABLE DHW CONFIGURATIONS WITH OPTIONAL KITS

Standard version



Standard version + extra 50 liter kit



Standard version + extra 150 liters kit

TECHNICAL FEATURES

Open SHP MEM		Pro/Plus Pro 6	Pro/Plus Pro 8	Pro/Plus Pro10	Pro/Plus Pro 12
DHW					
Standard Version					
Storage capacity	l	150	150	150	150
Hot water quantity at 40°C (boiler temp = 50°C)	l	209	209	209	209
Declared sanitary load profile		L	L	L	L
DHW energy efficiency class					
Standard Version + Extra 50-Liter Kit					
Storage capacity	l	200	200	200	200
Hot water quantity at 40°C (boiler temp = 50°C)	l	267	267	267	267
Declared sanitary load profile		L	L	L	L
DHW energy efficiency class					
Standard Version + Extra 150-Liter Kit					
Storage capacity	l	300	300	300	300
Hot water quantity at 40°C (boiler temp = 50°C	l	420	420	420	420
Declared sanitary load profile		XL	XL	XL	XL
DHW energy efficiency class					
HEATING					
Heating energy efficiency class					
Heat pump (Air 7°C - Water 35°C) Heat output (min/nom/max[1])	kW	2,98/6,5/ 8,47	3,0/8,40/ 9,56	3,00/10,0/ 11,2	5,29/12,2/ 14,4
COOLING					
Heat pump (Air 35°C - Water 7°C) Cooling capacity (min/nom/max [1])	kW	2,67/5,50/ 6,92	2,64/7,40/ 8,72	2,69/9,00/ 9,58	4,77/11,6/ 14,13
Weight / Cabinet	kg	71 / 50,4	71 / 50,4	71 / 50,4	71 / 50,4

[1] Activating the Maximum Hz function

ACCESSORIES

DESCRIPTION	Code
Indoor cabinet	**8097534**
Full built-in cabinet	**8097539**
Full built-in cabinet extra 150 liters	**8097538**
Straight valves kit[1]	**8091834**
Curved valves kit[1]	**8091836**
Solar kit[2]	**8100875**
Conversion kit to Plus version	**8100876**
Extra 50-liter DHW tank kit[2]	**8100880**
Extra 150-liter DHW tank kit[2-3]	**8100881**

DESCRIPTION	Code
Domestic hot water resistor kit 1.5 kW	**8100882**
System resistor kit 2+1 kW[2]	**8100883**
Extra electrical panel kit	**8100890**
Anti-freeze resistors kit (-15°C)	**8089826**
Weekly heating-cooling chronothermostat	**8113511**
Rubber anti-vibration support bracket kit	**8108260**
Rubber anti-vibration support foot kit	**8108261**
Anti-freeze drain valve kit	**8089894**
Diverter valve kit for heating/cooling or DHW	**8502120**

[1] Usable for both indoor cabinets and full built-in cabinets.
[2] Requires the extra electrical panel kit, code 8100890.
[3] Requires the total recessed cabinet extra 150 liters, code 8097538

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

WARNING:
Accessories under note [2] (Solar Kit, Extra 50-Liter DHW tank Kit, Extra 150-Liter DHW tank Kit, System Resistance Kit 2+1 kW) must be paired with a single extra electrical panel kit, code 8100890, which can manage one or more of the accessories listed above.

SHP M HT

MONOBLOC INVERTER AIR/WATER **HEAT PUMPS** WITH AXIAL FANS

INVERTER TECHNOLOGY

REMOTE CONTROL

NO F-GAS
INSTALLATION WITHOUT F-GAS CERTIFICATION

80°C
HIGH TEMPERATURE

ANTI-FREEZE HEATERS

R290
NATURAL REFRIGERANT

PRODUCT ADVANTAGES

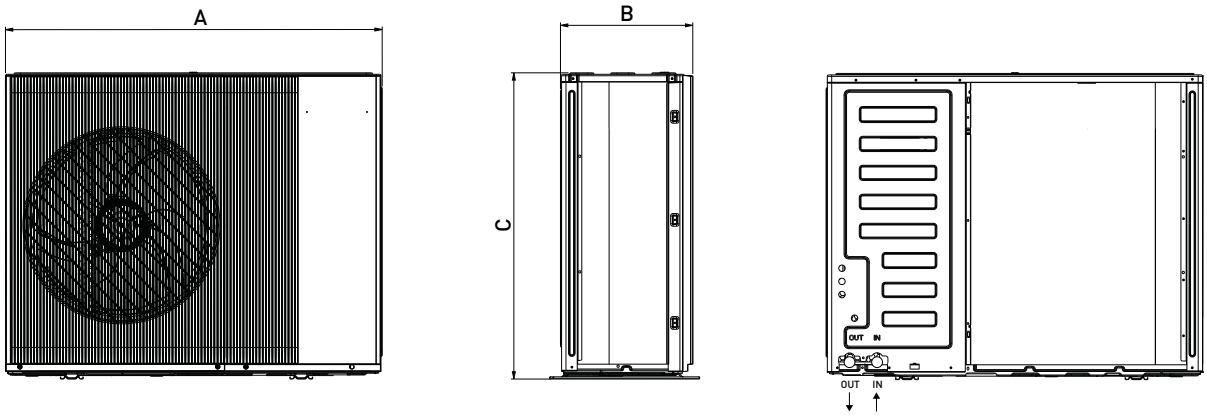
- 6 single-phase power sizes from 6 to 16 kW
- 3 three-phase power sizes from 12 to 16 kW
- Remote control with room thermostat function and Wi-Fi connection for app control
- Hermetically sealed refrigeration circuit containing eco-friendly R290 refrigerant gas with GWP = 3
- DC inverter twin rotary compressor
- Air heat exchangers with copper tubes and aluminum fins
- Brazed plate heat exchanger in stainless steel with closed-cell insulation
- Integrated 5-liter expansion vessel
- High-efficiency brushless motor modulating circulator
- Axial fan with brushless EC motor and noise-reducing airfoil profile
- Electronic expansion valve
- Cycle inversion valve and integrated defrost system
- Advanced electronics with integrated climate regulation and full system management
- Anti-freeze electric resistors for basement and plate heat exchanger
- DHW tank temperature probe and Y-filter included as standard

PRODUCTS

MODELS
SHP M HT 006
SHP M HT 008
SHP M HT 010
SHP M HT 012
SHP M HT 014
SHP M HT 016

MODELS
SHP M HT 012T (three-phase)
SHP M HT 014T (three-phase)
SHP M HT 016T (three-phase)

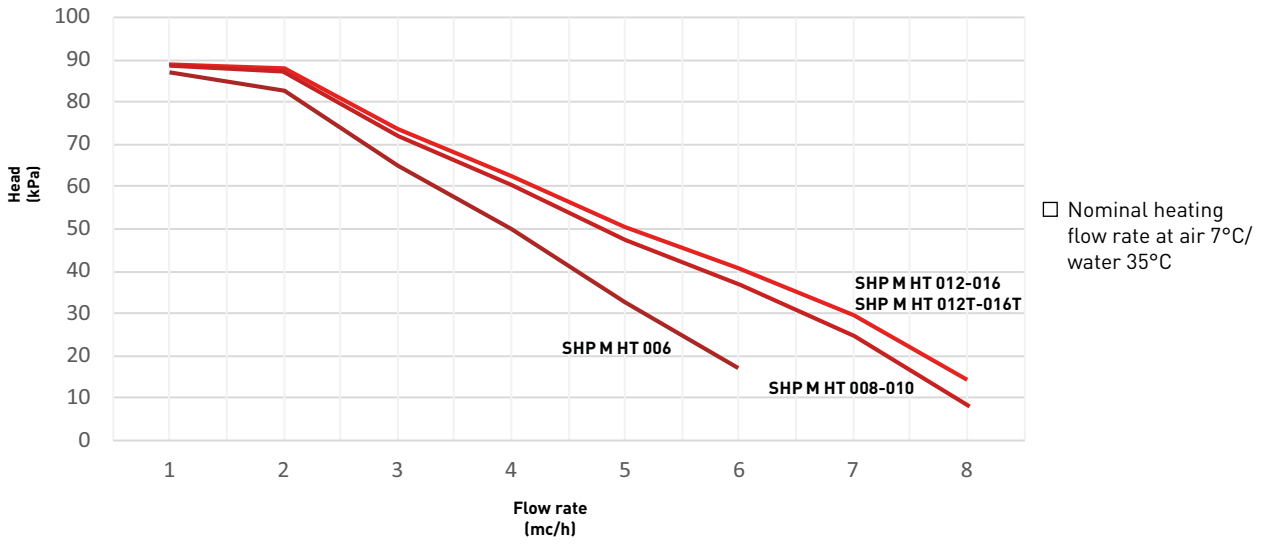
DIMENSIONS



LEGEND		006-008-010	012-014-016
IN	Hydraulic connection	1"	1"
OUT	Hydraulic connection	1"	1"

DIMENSIONS		006	008-016
A	Width	1130	1280
B	Depth	450	450
C	Height	710	1040

HYDRAULIC HEAD



TECHNICAL FEATURES

SHP M HT			006	008	010	012	014	016	012T	014T	016T
Electrical data	Power supply	V/Ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	380/3/50	380/3/50	380/3/50
	Maximum absorbed current	A	13,0	14,5	16,0	25,0	26,5	28,0	9,5	10,5	11,5
Cooling	Cooling capacity[1]	kW	6,50	8,30	10,0	12,97	14,80	16,82	12,97	14,80	16,82
	Absorbed power[1]	kW	1,27	1,61	2,11	2,77	3,43	4,28	2,77	3,43	4,28
	EER[1]	W/W	5,10	5,15	4,75	4,68	4,31	3,93	4,68	4,31	3,93
	Cooling capacity[2]	kW	6,80	7,50	8,90	12,17	14,20	16,22	12,17	14,20	16,22
	Absorbed power [2]	kW	2,19	2,18	2,74	2,97	3,36	4,36	2,97	3,36	4,36
	EER[2]	W/W	3,10	3,45	3,25	4,10	3,91	3,72	4,10	3,91	3,72
	SEER[5]		5,05	5,10	5,05	5,05	5,02	5,00	5,05	5,02	5,00
Heating	Heat output[3]	kW	6,28	8,10	10,0	14,93	16,17	17,80	14,93	16,17	17,80
	Absorbed power[3]	kW	1,27	1,68	2,08	3,33	3,74	4,25	3,33	3,74	4,25
	COP[3]	W/W	4,95	5,0	4,80	4,49	4,32	4,19	4,49	4,32	4,19
	Heat output[4]	kW	6,29	7,80	9,50	14,68	15,80	17,23	14,68	15,80	17,23
	Absorbed power[4]	kW	2,01	2,36	2,92	3,42	3,86	4,38	3,42	3,86	4,38
	COP[4]	W/W	3,13	3,30	3,25	4,29	4,10	3,93	4,29	4,10	3,93
	SCOP[6]		4,96	5,15	5,15	4,98	4,94	4,91	4,98	4,94	4,91
	Energy efficiency class (35°/55°)										
Compressor	Type / Quantity		Twin Rotary DC Inverter / 1								
Fan	Type / Quantity		Motor DC Brushless / 1								
Refrigerant	Type / Quantity	kg	R290/0,55	R290/0,85	R290/1,35	R290/1,35	R290/1,35	R290/1,35	R290/1,35	R290/1,35	R290/1,35
Hydraulic Circuit	Hydraulic connections		1"M	1"M	1"M	1"M	1"M	1"M	1"M	1"M	1"M
	Water content of the unit	l	6,5	6,5	6,5	7	7	7	7	7	7
	Maximum pressure	bar	3	3	3	3	3	3	3	3	3
Noise level	Sound power[7]	dB(A)	59	59	59	57	58	59	57	58	59
Weights	Net weight	kg	93	141	141	156	156	156	156	156	156

PERFORMANCE REFERRED TO THE FOLLOWING CONDITIONS:
[1] Cooling: Outdoor air temperature 35°C - Water inlet/outlet temperature 23/18°C.
[2] Cooling: Outdoor air temperature 35°C - Water inlet/outlet temperature 12/7°C.
[3] Heating: Outdoor air temperature 7°C d.b., 6°C w.b. - Water inlet/outlet temperature 30/35°C.
[4] Heating: Outdoor air temperature 7°C d.b., 6°C w.b. - Water inlet/outlet temperature 50/55°C.
[5] Cooling: Water inlet/outlet temperature 7/12°C.
[6] Heating: Average climatic conditions, Tbiv = -7°C, Water inlet/outlet temperature 30/35°C.
[7] Sound power: Heating mode, condition [3]; value determined based on measurements carried out in accordance with UNI EN ISO 9614-2 standard, in compliance with Eurovent certification requirements.

ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling chronothermostat	**8113511**
System/solar temperature probe[1]	**6231376**
Rubber anti-vibration support bracket kit	**8108260**

DESCRIPTION	Code
Rubber anti-vibration support foot kit	**8108261**
Anti-freeze drain valve kit	**8089894**
Diverter valve kit for heating/cooling or DHW	**8502120**

[1] To be purchased only for functionalities not covered by the standard probe included with the product supply.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

SHP M PRO

MONOBLOC INVERTER AIR/WATER **HEAT PUMPS** WITH AXIAL FANS

INTEGRATED WEATHER COMPENSATION

REMOTE CONTROL

WI-FI CONNECTIVITY

MODULATING PUMP

ANTI-FREEZE HEATERS

NO F-GAS
INSTALLATION WITHOUT F-GAS CERTIFICATION

R32
ECOLOGICAL REFRIGERANT

PRODUCT ADVANTAGES

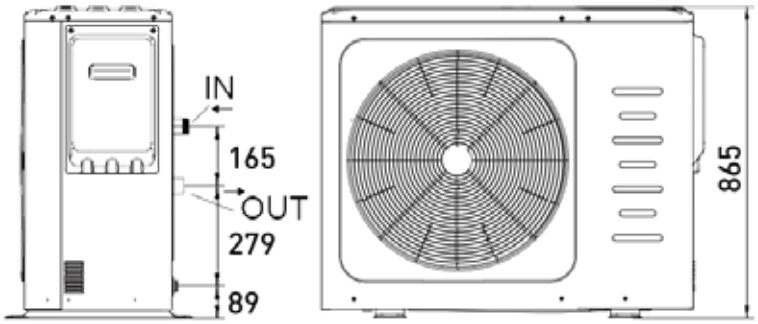
- 6 single-phase power sizes from 6 to 16 kW
- 3 three-phase power sizes from 12 to 16 kW
- Remote control included as standard with Wi-Fi connectivity and dedicated App
- Eco-friendly R32 refrigerant
- Twin Rotary DC Inverter compressors
- High-head brushless circulators
- Variable-speed fans with noise-reducing airfoil profile
- Electronic expansion valve
- Cycle inversion valve and integrated defrost system
- Advanced electronics with integrated climate regulation and complete system management
- Brazed plate heat exchangers with closed-cell insulation
- Integrated 5-liter expansion vessel
- Standard anti-freeze electric resistances for basement and plate heat exchanger
- Hermetically sealed unit as defined by EU Regulation No. 517/2014 (F-GAS)
- DHW tank temperature probe and Y-filter included as standard

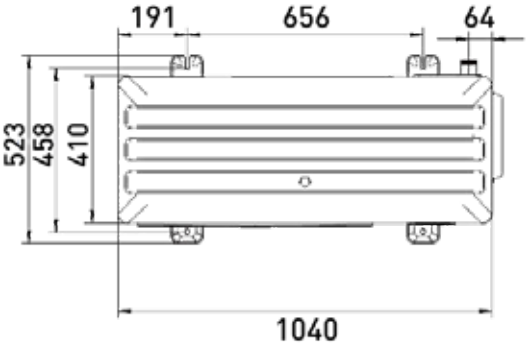
PRODUCTS

MODELS
SHP M Pro 006
SHP M Pro 008
SHP M Pro 010
SHP M Pro 012
SHP M Pro 014
SHP M Pro 016

MODELS
SHP M Pro 012T (three-phase)
SHP M Pro 014T (three-phase)
SHP M Pro 016T (three-phase)

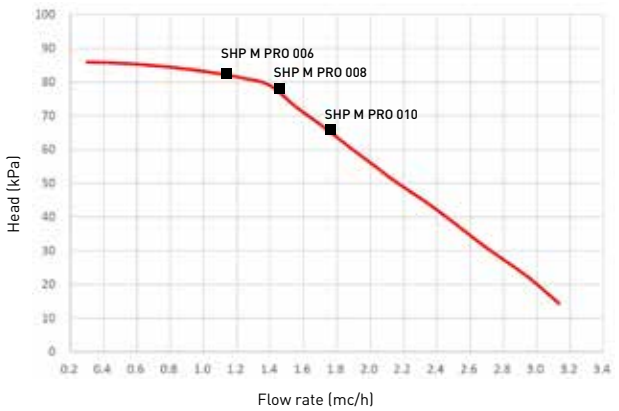
DIMENSIONS

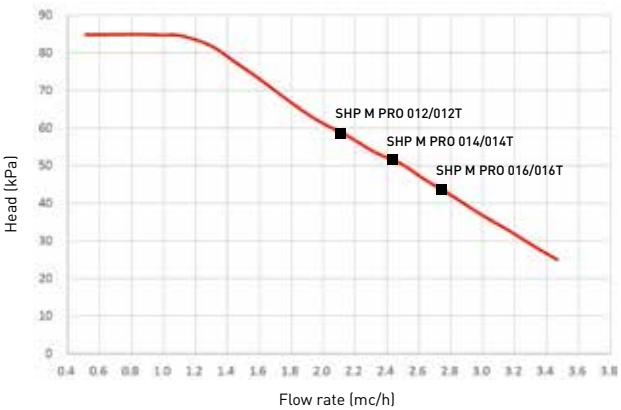




LEGEND		006-008-010	012-014-016
IN	Hydraulic connection	1"	1 1/4"
OUT	Hydraulic connection	1"	1 1/4"

HYDRAULIC HEAD





■ Nominal heating flow rate at air 7°C/water 45°C

TECHNICAL FEATURES

SHP M Pro			006	008	010	012	014	016	012T	014T	016T
Electrical data	Power supply:	V/Ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	380/3/50	380/3/50	380/3/50
	Maximum absorbed current	A	13,0	14,5	16,0	25,0	26,5	28,0	9,5	10,5	11,5
Cooling	Cooling capacity[1] (nom/max[8])	kW	6,5/9,27	8,3/10,41	10,0/10,38	12,2/16,51	13,9/16,51	15,4/16,51	12,2/16,51	13,9/16,51	15,4/16,51
	Absorbed power[1]	kW	1,27	1,71	2,33	2,65	3,16	3,67	2,65	3,16	3,67
	EER[1]	W/W	5,1	4,85	4,30	4,60	4,40	4,20	4,60	4,40	4,20
	Cooling capacity[2] (nom/max[8])	kW	5,5/6,92	7,40/8,72	9,0/9,58	11,6/14,13	13,4/15,48	14,0/16,01	11,6/14,13	13,4/15,48	14,0/16,01
	Absorbed power [2]	kW	1,69	2,35	3,10	3,74	4,57	4,83	3,74	4,57	4,83
	EER[2]	W/W	3,25	3,15	2,90	3,10	2,93	2,90	3,10	2,93	2,90
	SEER[5]		5,09	5,19	5,08	5,07	5,09	5,11	5,07	5,09	5,11
Heating	Heat output[3] (nom/max[8])	kW	6,5/8,47	8,40/9,56	10,0/11,2	12,2/14,4	14,1/16,4	16,0/18,6	12,2/14,4	14,1/16,4	16,0/18,6
	Absorbed power[3]	kW	1,23	1,66	2,13	2,49	3,00	3,56	2,49	3,00	3,56
	COP[3]	W/W	5,3	5,05	4,70	4,90	4,70	4,50	4,90	4,70	4,50
	Heat output[4] (nom/max[8])	kW	6,60/8,14	8,50/9,28	10,2/10,9	12,5/14,5	14,5/16,7	16,2/19,1	12,5/14,5	14,5/16,7	16,2/19,1
	Absorbed power[4]	kW	1,65	2,24	2,79	3,38	4,08	4,70	3,38	4,08	4,70
	COP[4]	W/W	4,00	3,80	3,65	3,70	3,55	3,45	3,70	3,55	3,45
	SCOP[6]		5,12	5,18	5,12	5,08	4,89	4,84	5,08	4,89	4,84
	Energy efficiency class (35°/55°)										
Compressor	Type / Quantity		Twin Rotary DC Inverter / 1								
Fan	Type / Quantity		Motor DC Brushless / 1								
Refrigerant	Type / Quantity	kg	R32 / 1,25	R32 / 1,25	R32 / 1,25	R32 / 1,8	R32 / 1,8	R32 / 1,8	R32 / 1,8	R32 / 1,8	R32 / 1,8
	CO_2 Equivalent quantity	ton	0,85	0,85	0,85	1,22	1,22	1,22	1,22	1,22	1,22
Hydraulic Circuit	Hydraulic connections		1"M	1"M	1"M	1 1/4"M	1 1/4"M	1 1/4"M	1 1/4"M	1 1/4"M	1 1/4"M
	Water content of the unit	l	6,5	6,5	6,5	7	7	7	7	7	7
	Maximum pressure	bar	3	3	3	3	3	3	3	3	3
Noise level	Sound power[7]	dB(A)	60	63	65	70	72	72	70	72	72
Weights	Net/gross weight	kg	87 / 103	87 / 103	87 / 103	106 / 122	106 / 122	106 / 122	120 / 136	120 / 136	120 / 136

PERFORMANCE REFERRED TO THE FOLLOWING CONDITIONS:
[1] Cooling: Outdoor air temperature 35°C - Water inlet/outlet temperature 23/18°C.
[2] Cooling: Outdoor air temperature 35°C - Water inlet/outlet temperature 12/7°C.
[3] Heating: Outdoor air temperature 7°C d.b., 6°C w.b. - Water inlet/outlet temperature 30/35°C.
[4] Heating: Outdoor air temperature 7°C d.b., 6°C w.b. - Water inlet/outlet temperature 40/45°C.
[5] Cooling: Water inlet/outlet temperature 7/12°C.
[6] Heating: Average climatic conditions, Tbiv = -7°C, Water inlet/outlet temperature 30/35°C.
[7] Sound power: Heating mode, condition [3]; value determined based on measurements carried out in accordance with UNI EN ISO 9614-2 standard, in compliance with Eurovent certification requirements.
[8] Activating the Maximum Hz function.

ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling chronothermostat	**8113511**
System/solar temperature probe[1]	**6231345**
Rubber anti-vibration support bracket kit	**8108260**

DESCRIPTION	Code
Rubber anti-vibration support foot kit	**8108261**
Anti-freeze drain valve kit	**8089894**
Diverter valve kit for heating/cooling or DHW	**8502120**

[1] To be purchased only for functionalities not covered by the standard probe included with the product supply.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

SHP M PLUS HT

MONOBLOC INVERTER AIR/WATER **HEAT PUMPS** WITH AXIAL FANS

INVERTER TECHNOLOGY

REMOTE CONTROL

CASCADE MANAGEMENT

NO F-GAS
INSTALLATION WITHOUT F-GAS CERTIFICATION

85°C
EVI TECHNOLOGY

ANTI-FREEZE HEATERS

WI-FI CONNECTIVITY

R290
NATURAL REFRIGERANT

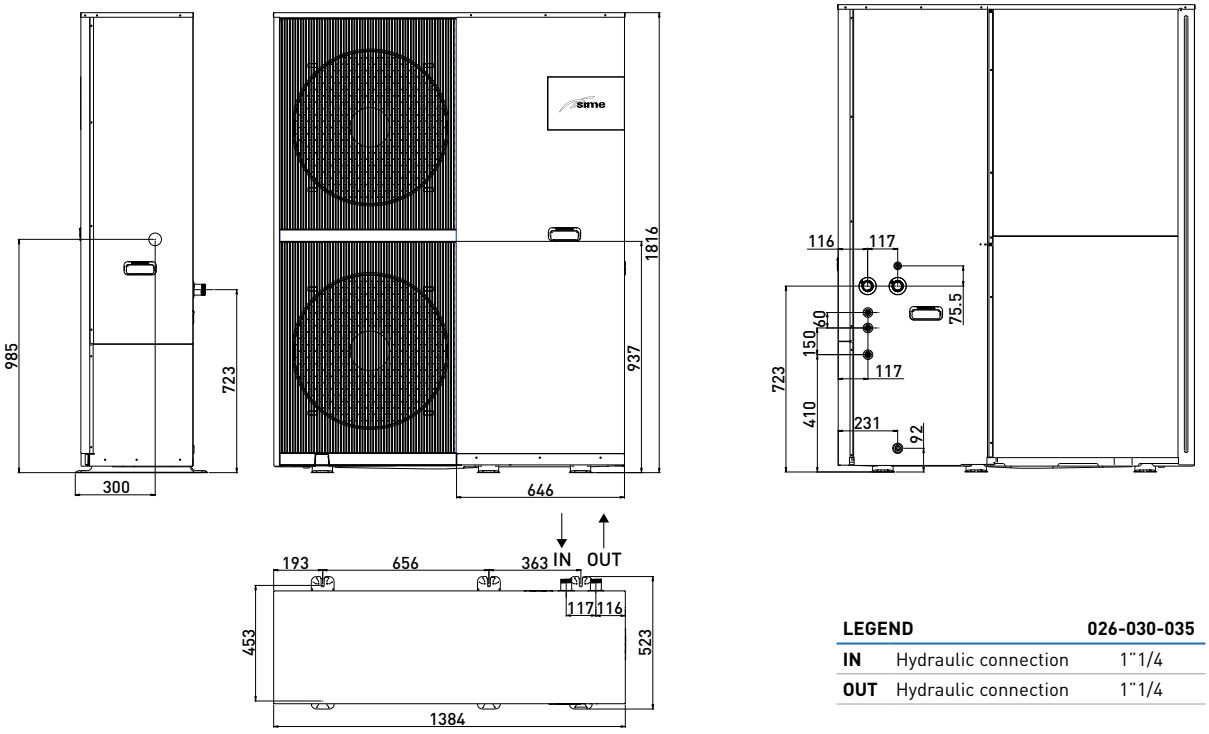
PRODUCT ADVANTAGES

- 3 three-phase power sizes from 26 to 35 kW
- Eco-friendly R290 refrigerant with ultra-low GWP
- Hermetically sealed refrigeration circuit
- DC Inverter scroll compressor with EVI technology (Enhanced Vapor Injection)
- Air heat exchangers made of copper tubes and aluminum fins
- Brazed plate heat exchanger in stainless steel with closed-cell insulation
- Integrated 5-liter expansion vessel
- High-efficiency modulating circulator
- Axial fan with brushless EC motor and noise-reducing airfoil profile
- Electronic expansion valve
- Cycle inversion valve and integrated defrost system
- Advanced electronics with integrated climate control and complete system management
- Remote control with room thermostat function and Wi-Fi connection for control via dedicated app
- Anti-freeze electric resistances for basement and plate heat exchanger
- DHW tank temperature probe and Y-filter supplied as standard

PRODUCTS

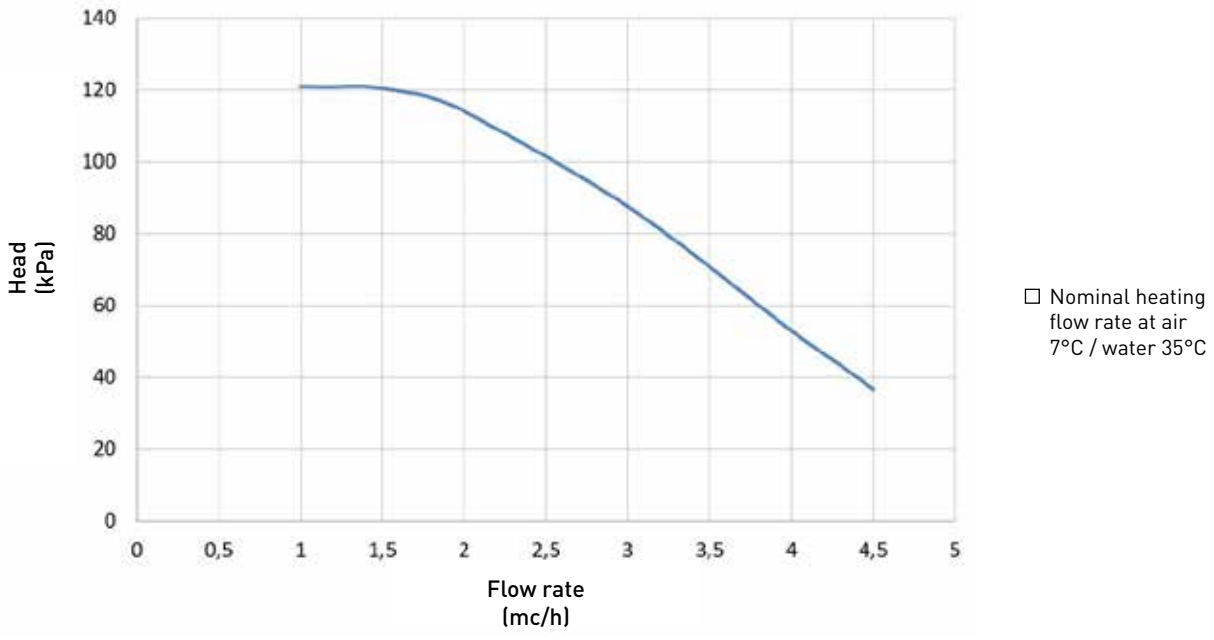
MODELS
SHP M Plus HT 026T (three-phase)
SHP M Plus HT 030T (three-phase)
SHP M Plus HT 035T (three-phase)

DIMENSIONS



LEGEND		026-030-035
IN	Hydraulic connection	1"1/4
OUT	Hydraulic connection	1"1/4

HYDRAULIC HEAD



TECHNICAL FEATURES

SHP M Plus HT			026	030	035
Electrical data	Power supply	V/Ph/Hz	380/3/50	380/3/50	380/3/50
	Maximum absorbed current	A	35,0	35,0	35,0
Cooling	Cooling capacity[1] (nom)	kW	26,0	30,0	35,0
	EER[1]	W/W	4,64	4,41	4,12
	Cooling capacity[2] (nom)	kW	26,0	30,0	35,0
	EER[2]	W/W	3,10	2,80	2,67
	SEER[5]		5,21	4,99	4,82
Heating	Heat output[3] (nom)	kW	26,0	30,0	35,0
	COP[3]	W/W	4,77	4,50	4,17
	Heat output[4] (nom)	kW	26,0	30,0	35,0
	COP[4]	W/W	3,81	3,63	3,48
	SCOP[6]		4,95	4,92	4,48
	Energy efficiency class (35°/55°)				
Compressor	Type / Quantity		Inverter EVI scroll / 1		
Fan	Type / Quantity		Motor DC Brushless / 2		
Refrigerant	Type / Quantity	kg	R290 / 2,9		
Hydraulic circuit	Hydraulic connections		1"1/4	1"1/4	1"1/4
	Water content of the unit	l	5	5	5
	Maximum pressure	bar	3	3	3
Noise level	Sound power[7]	dB(A)	69	74	75
Weights	Net weight / Gross weight	kg	260 / 280	260 / 280	260 / 280

PERFORMANCE REFERRED TO THE FOLLOWING CONDITIONS:
[1] Cooling: Outdoor air temperature 35°C - Water inlet/outlet temperature 23/18°C.
[2] Cooling: Outdoor air temperature 35°C - Water inlet/outlet temperature 12/7°C.
[3] Heating: Outdoor air temperature 7°C d.b., 6°C w.b. - Water inlet/outlet temperature 30/35°C.
[4] Heating: Outdoor air temperature 7°C d.b., 6°C w.b. - Water inlet/outlet temperature 40/45°C.
[5] Cooling: Water inlet/outlet temperature 7/12°C.
[6] Heating: Average climatic conditions, Tbiv = -7°C, Water inlet/outlet temperature 30/35°C.
[7] Sound power: Heating mode, condition [3]; value determined based on measurements carried out in accordance with UNI EN ISO 9614-2, in compliance with Eurovent certification requirements.

ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling chronothermostat	**8113511**
System/solar temperature probe[1]	**6231345**

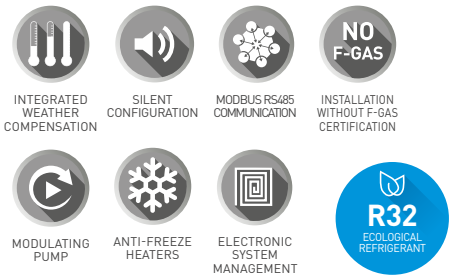
DESCRIPTION	Code
Anti-freeze drain valve kit	**8089894**
Diverter valve kit for heating/cooling or DHW	**8502120**

[1] To be purchased only for functionalities not covered by the standard probe included with the product supply.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

SHP M POWER

MONOBLOC INVERTER AIR/WATER **HEAT PUMPS** WITH AXIAL FANS



PRODUCT ADVANTAGES

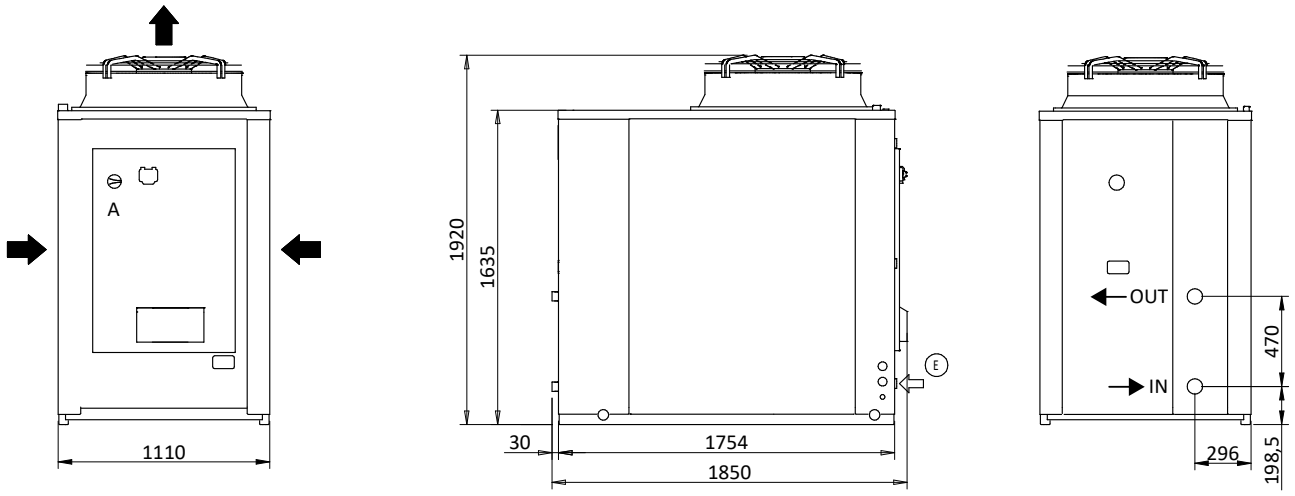
- 4 three-phase power sizes from 40 to 70 kW
- Eco-friendly R32 refrigerant
- On-board user interface with display and control buttons
- Single or dual "Scroll BLDC Inverter" compressor
- High-efficiency Brushless circulators
- Variable-speed fans with brushless EC motor
- Electronic expansion valve
- Cycle inversion valve and integrated defrost system
- Advanced electronics with integrated climate regulation and complete system management
- Brazed plate water heat exchangers in AISI 304 stainless steel with closed-cell insulation
- Air heat exchangers made of copper tubes and aluminum fins
- Standard anti-freeze electric resistances for heat exchanger and pump
- Protective grille for finned coil battery
- Three-phase relay for sequence monitoring, power failure detection, and min/max levels
- MODBUS RTU-RS485 communication protocol
- Main electrical circuit breaker
- Silent setup
- Optional Hi-T2 remote control with a color touch display, allowing ambient temperature regulation and cascade connection of heat pumps

PRODUCTS

MODELS
SHP M Power 040
SHP M Power 050

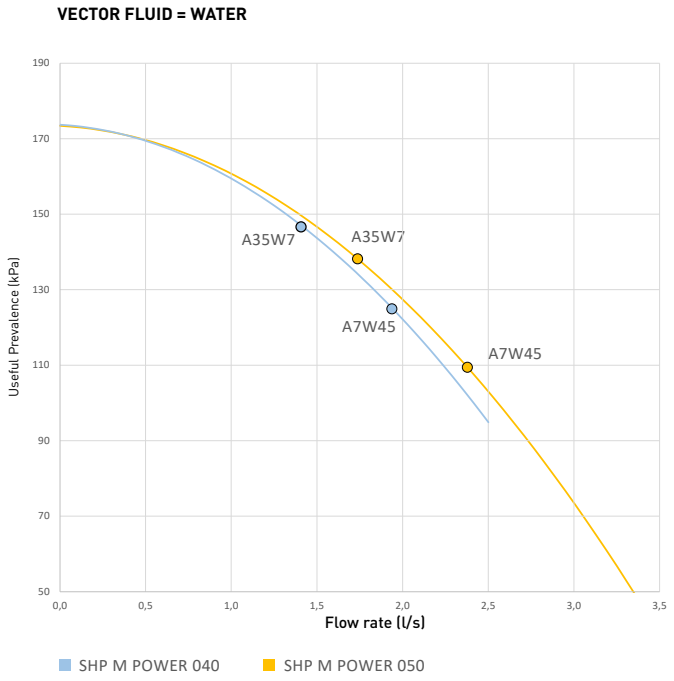
MODELS
SHP M Power 060
SHP M Power 070

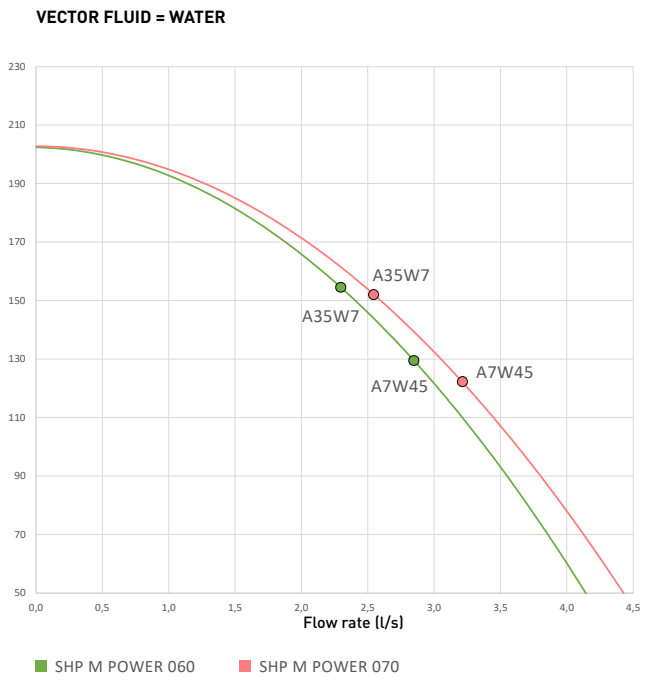
DIMENSIONS



DIMENSIONI		
IN / OUT	-	1 1/2"
E	-	Electrical power supply input

HYDRAULIC HEAD





TECHNICAL FEATURES

SHP M Power			040	050	060	070
Electrical data	Power supply:	V/Ph/Hz	400V/3P+N+T/50Hz			
	Maximum absorbed current:	A	34	48	58	63
Cooling	Cooling capacity[1] (nom/max[7])	kW	29,7/33,3*	36,2/39,1*	48/53,1*	52,7/58,7*
	Absorbed power[1]	kW	9,62	11,8	15,6	17,8
	EER[1]	W/W	3,09	3,07	3,08	2,96
	Cooling capacity[2] (nom/max[7])	kW	37,2/41,9*	55,1/62,7*	65,1/71,6*	65,6/73,6*
	Absorbed power[2]	kW	9,05	13,3	15,7	16,9
	EER[2]	W/W	4,11	4,14	4,15	3,88
	SEER[5]		4,66	4,63	4,74	4,68
Heating	Heat output (nom/max[7])	kW	40,1/44,4*	50,4/56,5*	61,6/66,4*	66,8/74,8*
	Absorbed power[3]	kW	10,0	12,5	15,3	16,6
	COP[3]	W/W	4,01	4,03	4,03	4,02
	Heat output[4] (nom/max[7])	kW	40,7/44,5*	49,9/54,8*	59,7/64,5*	66,7/75,8*
	Absorbed power[4]	kW	12,7	15,6	18,6	20,7
	COP[4]	W/W	3,20	3,20	3,21	3,22
	SCOP[6]		4,08	4,01	3,74	3,72
	Energy efficiency class (35°/55°)		A++ / A+			
Compressor	Type / Quantity		Scroll DC Inverter			
Fan	Type / Quantity		Motor Brushless EC			
Refrigerant	Type / Quantity	kg	R32 / 6,5	R32 / 9,5	R32 / 11,7	R32 / 12,0
	Equivalent CO_2 quantity	ton	4,4	6,4	7,9	8,1
Hydraulic circuit	Hydraulic connections: Grooved type		1" 1/2 (DN 40)	1" 1/2 (DN 40)	1" 1/2 (DN 40)	1" 1/2 (DN 40)
	Water content of the unit	l	6,5	6,5	6,5	7
	Maximum pressure	bar	6	6	6	6
Noise level	Sound power[8]	dB(A)	77	83	84	84
Weights	Net weight / Gross weight	kg	410 / 415	500 / 505	520 / 525	570 / 575

PERFORMANCE REFERRED TO THE FOLLOWING CONDITIONS:
[1] Cooling: Outdoor air temperature 35°C - Water inlet/outlet temperature 23/18°C.
[2] Cooling: Outdoor air temperature 35°C - Water inlet/outlet temperature 12/7°C.
[3] Heating: Outdoor air temperature 7°C d.b., 6°C w.b. - Water inlet/outlet temperature 30/35°C.
[4] Heating: Outdoor air temperature 7°C d.b., 6°C w.b. - Water inlet/outlet temperature 40/45°C.
[5] Cooling: Water inlet/outlet temperature 7/12°C.
[6] Heating: Average climatic conditions, Tbiv = -7°C, Water inlet/outlet temperature 30/35°C.
[7] The indicated volume refers to the total required; the designer must ensure this requirement is met, considering the amount already present inside the unit based on the selected hydraulic kit (check this value in the technical sheet).
[8] Sound power: Heating mode, condition [3]; value determined based on measurements carried out in accordance with UNI EN ISO 9614-1, in compliance with Eurovent certification requirements.
(*) Activating the Maximum Hz function.
N.B. The reported performance data are indicative and may be subject to variations.

ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling chronothermostat	**8113511**
HI-T2 remote control	**8092292**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

BS HP - BS HP S - BS HP B

DOMESTIC HOT WATER STORAGE **TANKS** FOR HEAT PUMPS AND SOLAR SYSTEMS

2Mg
DUAL ANODE TECHNOLOGY

SOLAR COIL IN S VERSION

PRODUCT ADVANTAGES

- Complete range of domestic hot water storage tanks from 200 to 1000 liters, specifically designed for integration with heat pumps thanks to the increased heat exchanger surface
- "S" versions equipped with a second coil for a forced circulation solar thermal system, positioned at the lower section of the tank
- "B" versions equipped with a second coil for boiler integration, positioned at the upper section of the tank
- Internal surface protected by glass enameling according to DIN 4753
- Equipped with an inspection flange and double protective magnesium anode
- Includes safety valve, thermometer, and 1 or 2 sensor sockets, depending on the number of heat exchangers in the model
- Rigid polyurethane foam insulation for sizes up to 500 liters, and removable flexible polyurethane foam insulation for larger sizes

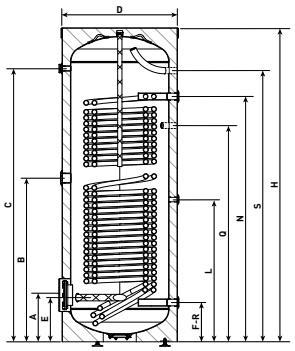
PRODUCTS

MODELS
BS HP 200
BS HP 300
BS HP 500
BS HP 800
BS HP 1000

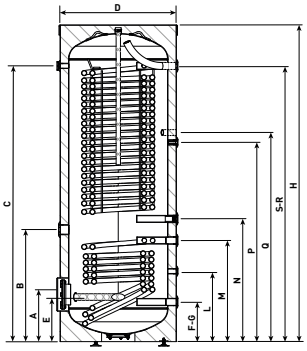
MODELS
BS HP-S 300
BS HP-S 500
BS HP-S 1000
BS HP-B 300
BS HP-B 500
BS HP-B 1000

DIMENSIONS

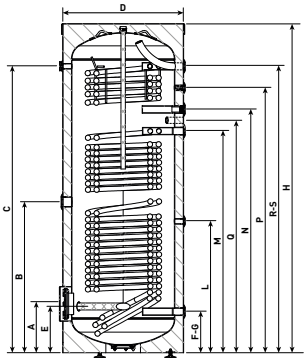
Versions BS HP



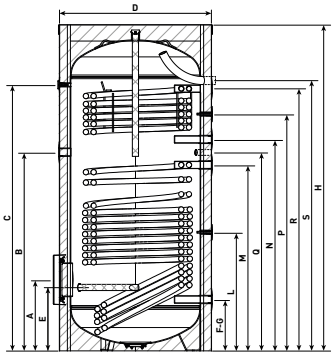
Versions BS HP-S



Versions BS HP-B 300-500



Versions BS HP-B 1000



DIMENSIONS	200	300	500	800	1000
A (mm)	287	287	283	460	459
B (mm)	694	1.012	993	995	1.154
C (mm)	982	1.512	1.658	1.373	1.727
F (mm)	242	242	238	332	331
L (mm)	612	732	863	770	846
N (mm)	982	1.222	1.488	1.207	1.361
Q (mm)	735	1.088	1.184	1.026	1.262
R (mm)	242	242	238	332	331
S (mm)	982	1.512	1.658	1.373	1.727
H (mm)	1.232	1.761	1.904	1.771	2.120
D* (mm)	600	600	700	990	990

* Diameter includes external insulation.o

LEGEND	200 ÷ 500	800 ÷ 1000
A ø flange	180	300
B	1"1/2	1"1/2
C	1/2"	1/2"
F	1"	1"1/2
L	1/2"	1/2"
N	1"	1"1/2
Q	3/4"	3/4"
R	1"	1"1/2
S	1"	1"1/2

DIMENSIONS	S 300	S 500	S 1000	B 300	B 500	B 1000
A (mm)	287	283	460	287	283	457
B (mm)	662	673	895	1.037	873	1.287
C (mm)	1.512	1.658	1.728	1.512	1.658	1.725
F (mm)	242	238	332	242	238	329
G (mm)	242	238	332	242	238	329
L (mm)	412	423	572	612	760	766
M (mm)	582	608	812	982	1.283	1.204
N (mm)	742	738	978	1.092	1.408	1.370
P (mm)	1.117	1.198	1.353	1.302	1.533	1.535
Q (mm)	1.088	1.184	1.263	1.108	1.184	1.235
R (mm)	1.492	1.658	1.728	1.512	1.658	1.700
S (mm)	1.512	1.658	1.728	1.512	1.658	1.725
H (mm)	1.761	1.904	2.121	1.761	1.904	2.121
D* (mm)	600	700	990	600	700	990

*Diameter includes external insulation.

LEGEND	S/B 300 ÷ S/B 500	S/B 1000
A ø flange	180	300
B	1"1/2	1"1/2
C	1/2"	1/2"
F	1"	1"1/2
G	1"	1"1/2
L	1/2"	1/2"
M	1"	1"1/2
N	1"	1"1/2
P	1/2"	1/2"
Q	3/4"	3/4"
R	1"	1"1/2
S	1"	1"1/2

TECHNICAL FEATURES

MODEL		BS HP 200	BS HP 300	BS HP 500	BS HP 800	BS HP 1000
Water content	l	181	276	429	750	933
Energy class		B	B	C	C	C
Heat exchanger surface	m^2	2,62	3,77	6,00	6,55	8,20
Insulation thickness	mm	50	50	50	70	70
Maximum working pressure	bar	10	10	10	8	8
Empty weight	kg	105	151	211	277	342

MODEL		BS HP-S 300	BS HP-S 500	BS HP-S 1000	BS HP-B 300	BS HP-B 500	BS HP-B 1000
Water content	l	272	431	919	272	431	926
Energy class		B	C	C	B	C	C
Heat exchanger surface upper/ lower	m^2	3,12/1,14	4,21/1,51	6,18/3,66	1,65/2,62	0,96/4,75	2,48/6,55
Insulation thickness	mm	50	50	70	50	50	70
Maximum working pressure	bar	10	10	8	10	10	8
Empty weight	kg	164	212	346	164	212	346

ACCESSORIES

DESCRIPTION	Code
Sensor socket ø 1/2" G, L.95	**6317047**
Immersion electric resistance with thermostat, 2500 W / 220 V, 1 1/2" connection, L. 390	**7502000**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

BS COMBI HP S

COMBINED SYSTEMS CONSISTING OF A DUAL-COIL DOMESTIC HOT WATER STORAGE TANK FOR HEAT PUMP/SOLAR AND A BUFFER STORAGE TANK FOR THE SYSTEM

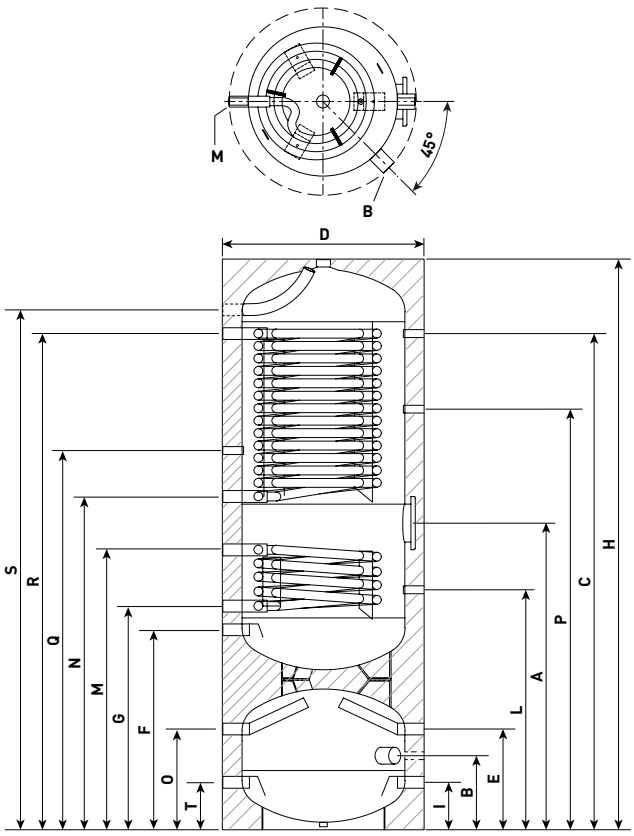
PRODUCT ADVANTAGES

- Reduces installation space by integrating a domestic hot water storage tank and a technical buffer tank for heat pumps into a single system
- Available in two versions with a 300L or 500L DHW storage tank, both equipped with a double coil for heat pump and solar thermal integration
- Domestic hot water tank located in the upper section, protected by glass enameling according to DIN 4753, and equipped with: two sensor sockets, inspection flange and magnesium protection anode
- Buffer tank (74-80L) in the lower section, designed for heating and cooling systems with heat pumps
- Injected rigid polyurethane foam insulation, 70mm thick, ensuring optimal thermal efficiency

PRODUCTS

MODELS
BS Combi HP-S 300
BS Combi HP-S 500

DIMENSIONS



DIMENSIONS	300	500
A (mm)	1.035	995
B (mm)	250	135
C (mm)	1.675	1.770
E (mm)	340	235
F (mm)	675	565
G (mm)	755	645
I (mm)	160	135
L (mm)	810	690
M (mm)	945	895
N (mm)	1.125	1.060
O (mm)	340	235
P (mm)	1.420	1.415
Q (mm)	1.280	1.320
R (mm)	1.675	1.765
S (mm)	1.755	1.850
T (mm)	160	135
H (mm)	1.925	2.040
øD est (mm)*	690	790

* Diameter includes external insulation

LEGEND	300 ÷ 500
A Ext ø Flange	180
A Int ø Flange	120
B	1"1/2
C	1/2"
E	1"
F	1"
G	1"
I	1"
L	1/2"
M	1"
N	1"
O	1"
P	1/2"
Q	1/2"
R	1"
S	1"
T	1"

TECHNICAL FEATURES

MODEL		BS Combi HP-S 300	BS Combi HP-S 500
Buffer water content	l	80	74
Domestic hot water content	l	270	460
Energy class		B (A–F)	-
Heat exchanger surface upper/lower	m^2	2,80/0,90	4,40/1,50
Insulation thickness	mm	70	70
Maximum working pressure for DHW	bar	10	10
Maximum working pressure for buffer	bar	6	6
Empty weight	kg	170	220

ACCESSORIES

DESCRIPTION	Code
Sensor socket ø 1/2" G L.95	**6317047**
Immersion electric resistance with thermostat, 2500 W / 220 V, 1 1/2" connection, L. 390	**7502000**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

BS PUFF HP

BUFFER STORAGE TANKS FOR HEAT PUMPS

PRODUCT ADVANTAGES

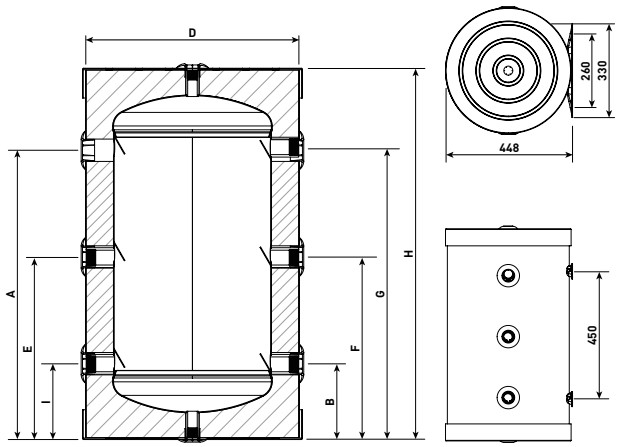
- Range of carbon steel buffer tanks for technical water storage in cooling or heating applications, from 50 to 1000 liters, specifically designed for heat pump systems
- Wall-mounting brackets included for 50L and 100L models
- Equipped with 6-8 connections, ideal for hybrid system configurations with condensing boilers and heat pumps
- Maximum operating temperature: 95°C
- External PVC coating for durability and protection
- Includes safety valve, thermometer, and 4 sensor sockets at different heights for 300L to 1000L models
- Injected rigid polyurethane foam insulation for 50L to 500L models, with removable soft polyurethane insulation mats for the 1000L model

PRODUCTS

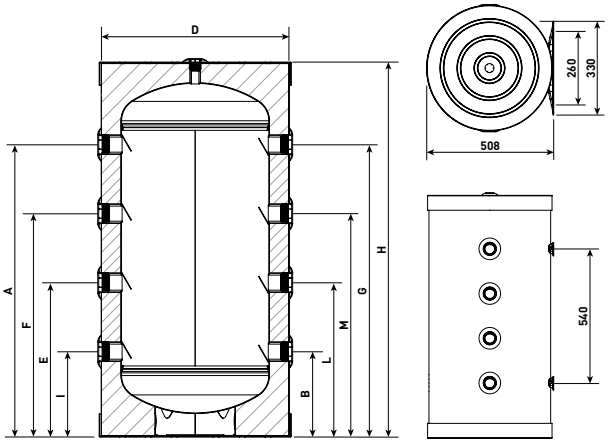
MODELS
BS Puff HP 50
BS Puff HP 100
BS Puff HP 300
BS Puff HP 500
BS Puff HP 1000

DIMENSIONS

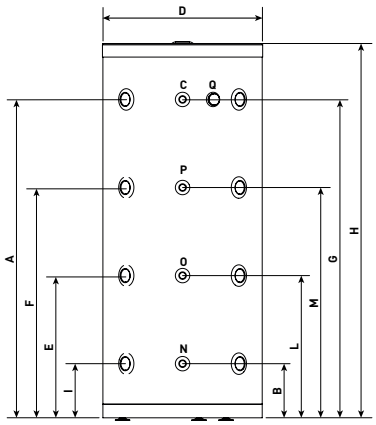
Version BS Puff HP 50



Version BS Puff HP 100



Version BS Puff HP 300 ÷ 1000



DIMENSIONS	50	100	300	500	1000
A (mm)	583	763	1.511	1.657	1.727
B (mm)	153	223	243	239	331
C (mm)	-	-	1.511	1.657	1.727
E (mm)	368	403	666	712	797
F (mm)	368	583	1.088	1.184	1.262
G (mm)	583	763	1.511	1.657	1.727
I (mm)	153	223	243	239	331
L (mm)	-	403	666	712	797
M (mm)	-	583	1.088	1.184	1.262
N (mm)	-	-	243	239	331
O (mm)	-	-	666	712	797
P (mm)	-	-	1.088	1.184	1.262
Q (mm)	-	-	1.511	1.657	1.727
H (mm)	748	978	1.711	1.900	2.120
D* (mm)	430	490	600	700	990

* Diameter includes external insulation

LEGEND	50	100	300 ÷ 1000
A ø Flange	1"	1"1/4	1"1/2
B	1"	1"1/4	1"1/2
C	-	-	1/2"
E	1"	1"1/4	1"1/2
F	1"	1"1/4	1"1/2
G	1"	1"1/4	1"1/2
I	1"	1"1/4	1"1/2
L	-	1"1/4	1"1/2
M	-	1"1/4	1"1/2
N	-	-	1/2"
O	-	-	1/2"
P	-	-	1/2"
Q	-	-	1/2"

TECHNICAL FEATURES

MODEL		BS Puff HP 50	BS Puff HP 100	BS Puff HP 300	BS Puff HP 500	BS Puff HP 1000
Water content	l	50	100	302	470	1.005
Energy class		B	B	B	C	C
Insulation thickness	mm	50	50	50	50	70
Maximum working pressure	bar	3	3	3	3	3
Empty weight	kg	14,5	22,3	63	106	153

ACCESSORIES

DESCRIPTION	Code
Sensor socket ø 1/2" G L.95	**6317047**
Immersion electric resistance with thermostat, 2500 W / 220 V, 1 1/2" connection, L. 390	**7502000**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

BS PUFF BOX

INERTIAL BUFFER TANK
TO SUPPORT HEAT PUMPS

PRODUCT ADVANTAGES

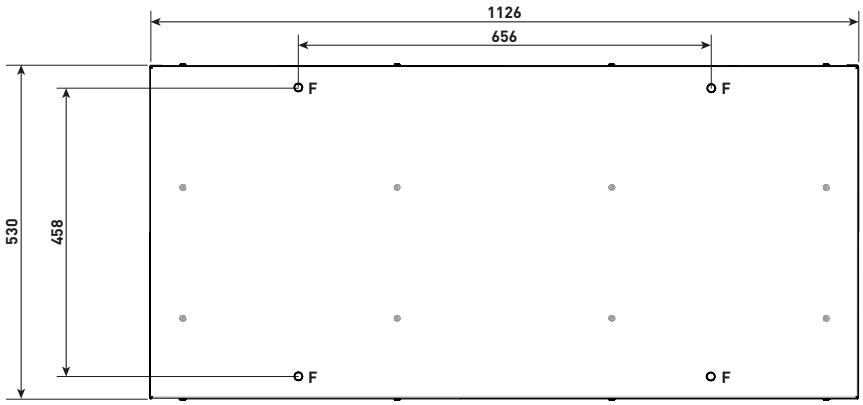
- Carbon steel buffer storage tank for cooling or heating water, with a 70-liter capacity, specifically designed for heat pump systems
- Compact installation space, optimized for heat pump support
- Mounting kit and anti-vibration supports for integration with SHP M Pro heat pumps
- Hydraulic connections for the optional integration of an expansion vessel within the structure
- Injected rigid polyurethane insulation for thermal efficiency
- Suitable for outdoor installations
- Equipped with water drain valves and air vent

PRODUCTS

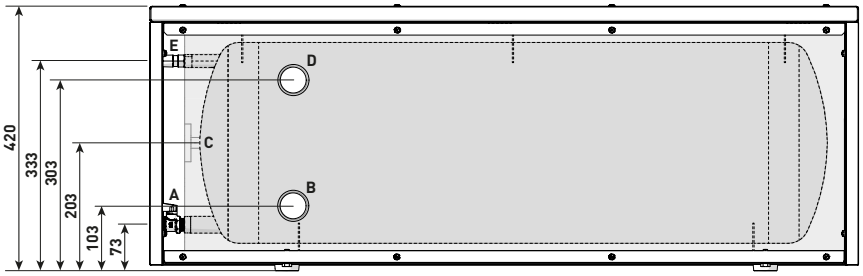
MODEL
BS Puff Box 70

DIMENSIONS

Top view



Rear view



LEGEND		
A ø Flange	Drain/Filling Tap	3/4"
B	Water Inlet	1" 1/4
C	Expansion Vessel Connection	
D	Water Outlet	1" 1/4
E	Air Vent Valve	
F	Threaded Inserts for Heat Pump (PdC)	

TECHNICAL FEATURES

BS Puff Box		**70**
Heat loss	kWh/24h	0.48
Water content	l	70
Maximum working pressure	bar	3
Maximum working temperature	°C	95
Insulation type		rigid polyurethane
Energy efficiency class		A+ (A+ ↑ F)
Empty weight	kg	58

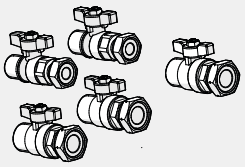
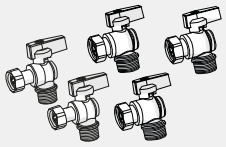
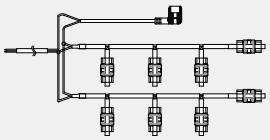
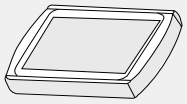
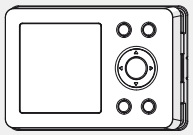
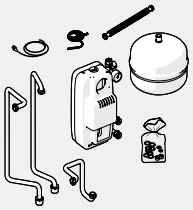
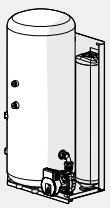
ACCESSORIES

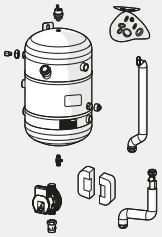
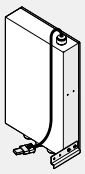
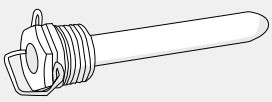
DESCRIPTION	**Code**
11-liter expansion vessel kit for BS Puff Box	**8076111**
Universal mounting bracket kit for BS Puff Box[1]	**8108265**

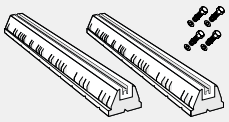
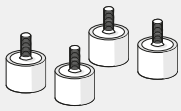
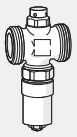
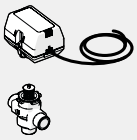
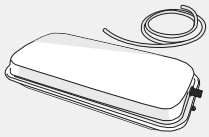
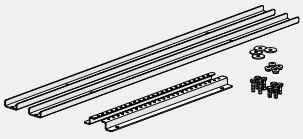
[1] To be used for mounting a SIME heat pump or another brand above the buffer tank, minimizing the space required.
Not needed with SHP M Pro heat pumps.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HEAT PUMP SECTION

ACCESSORIES

DESCRIPTION	Code	
Straight valves Kit To connect the generator to the heating system and domestic hot water distribution. Supply Includes: Straight water taps, including gaskets. **APPLICATION: Indoor cabinet (code 8097534), Full built-in cabinet (code 8097539) and Full built-in cabinet extra 150 liters (code 8097538)**	**8091834**	
Curved valves kit To connect the generator to the heating and domestic hot water distribution system. The kit includes: 90° water valves, including gaskets. **APPLICATION: Indoor cabinet (code 8097534), Full built-in cabinet (code 8097539), Full built-in cabinet extra 150 liters (code 8097538).**	**8091836**	
Anti-Freeze Resistors Kit (-15°C) To protect the hydraulic module when the ambient temperature in the installation area drops to -15°C. The supply includes: heating element kit, mounting bracket for thermostat, anti-freeze thermostat, fastening clips (8 pcs), and screws. **APPLICATION: Open SHP MEM**	**8089826**	
HI-T2 Remote Control For centralized management of a network or a single heat pump, temperature and humidity sensor, double setpoint for radiant systems with dehumidification function, legionella protection function. 4.3" color TFT touch display, dimensions 128 x 81 x 35 mm. The supply includes: wall-mounted remote control. **APPLICATION: SHP M Power**	**8092292**	
Weekly heating-cooling chronothermostat To set and control the temperature of the rooms in both summer and winter modes. Large backlit display, wall-mounted installation, battery-powered (batteries not included), IP20 rating. Class I device. The supply includes: wall-mounted thermostat. **APPLICATION: Open SHP MEM, SHP M HT, SHP M Pro, SHP M Plus HT**	**8113511**	
Solar Kit To heat the domestic hot water storage with a solar system. The supply includes: single-column hydraulic unit, collector probe, solar pump cable, 12-liter expansion tank, connection pipes, fittings, and gaskets. **APPLICATION: Open SHP MEM**	**8100875**	
Extra 50-liter DHW tank kit To increase the domestic hot water storage volume by an additional 50 liters heated by the heat pump. Requires the presence of the extra electrical panel kit (code 8100890). Cannot be installed simultaneously with the extra 150-liter DHW tank kit (code 8100881). The supply includes: 50-liter boiler, expansion tank, pump, drain valve, hose holder with clamp, check valve, diverter valve, flow switch, brackets, connection pipes, pump connector. **APPLICATION: Open SHP MEM**	**8100880**	
Extra 150-liter DHW tank kit To increase the domestic hot water storage volume by an additional 150 liters heated by the heat pump. Requires the presence of the extra electrical panel kit (code 8100890) and the total built-in cabinet extra 150 liters (code 8100881). Cannot be installed simultaneously with the extra 50-liter DHW tank kit (code 8100880). The supply includes: 150-liter boiler, 8-liter expansion tank, check valve, flow switch, pump, diverter valve, brackets, connection pipes and fittings, pump connector. **APPLICATION: Open SHP MEM**	**8100881**	

DESCRIPTION	Code	
DHW Resistor Kit To integrate the heat pump into the thermal demand of the domestic hot water and legionella protection function. Fixed power 1.5 kW. The supply includes: 1.5 kW resistance, 1"-3/4" M-F reduction. **APPLICATION: Open SHP MEM**	**8100882**	
System Resistor Kit To integrate the heat pump into the thermal demand of the heating system. Adjustable power 2 or 3 kW. Requires the presence of the extra electrical panel kit (code 8100890). The supply includes: 2+1 kW resistance, 1"-3/4" M-F reduction. **APPLICATION: Open SHP MEM**	**8100883**	
Conversion kit to Plus version To transform Open SHP MEM/Pro into Open SHP MEM Plus/Plus Pro. The supply includes: 30-liter buffer, pump, check valve, automatic vent, connection pipes and fittings, insulation **APPLICATION: Open SHP MEM**	**8100876**	
Extra Electrical Panel Kit To manage the additional functionalities of the extra 50 or 150-liter DHW tank kits, the solar kit, and the system resistor kit. The supply includes: additional electrical panel complete with electronic PCB, relays, terminal blocks, connection cables, and mounting bracket. **APPLICATION: Open SHP MEM**	**8100890**	
System/Solar Probe The supply includes: an NTC immersion probe for additional functionality of system and solar management. **APPLICATION: SHP M Pro, SHP M Plus HT**	**6231345**	
System/Solar Probe The supply includes: an NTC immersion probe for additional functionality of system and solar management. **APPLICATION: SHP M HT**	**6231376**	
Immersion Electric Heater with Thermostat 2500 W / 220 V Connection 1 1/2", L.390 Accessory for auxiliary heating of tanks. **APPLICATION: BS HP, BS HP-S, BS HP-B, BS Combi HP-S, BS Puff HP**	**7502000**	
Indoor Cabinet For installing Open SHP MEM systems inside a room. The supply includes: indoor cabinet, white painted with double door. **APPLICATION: Open SHP MEM**	**8097534**	
Full Built-In Cabinet For built-in wall installation of Open SHP MEM systems. The supply includes: full built-in cabinet with double door. **APPLICATION: Open SHP MEM**	**8097539**	
Full Built-In Cabinet Extra 150 Liters For wall installation of the extra 150-liter DHW tank kit (code 8100881). The supply includes: full built-in cabinet with double door. **APPLICATION: Open SHP MEM**	**8097538**	
Probe Socket Ø 1/2" G L.95 To measure the water temperature with an immersion probe. The supply includes: a socket with 1/2" gas threaded connection, probe holder 8.5 mm, and probe retaining clip. **APPLICATION: BS HP, BS HP-S, BS HP-B, BS Combi HP-S, BS Puff HP**	**6317047**	

DESCRIPTION	Code	
Anti-Vibration Rubber Support Bracket Kit Floor-mounted support brackets for the heat pump that reduce vibrations and noise from the unit. The supply includes: anti-vibration brackets L. 600 (no. 2), bolts M10 x 25 (no. 4), nuts M10 (no. 4), washers 19.5 x 10.6 x 2 (no. 4). **APPLICATION: Open SHP MEM, SHP M HT, SHP M Pro**	**8108260**	
Anti-Vibration Rubber Support Feet Kit Rubber anti-vibration feet for the heat pump that reduce vibrations and noise from the unit. The supply includes: anti-vibration feet (no. 4). **APPLICATION: Open SHP MEM, SHP M HT, SHP M Pro**	**8108261**	
Anti-Freeze Drain Valve Kit Protection valve for the system in case of freezing risk of the pipes and the unit, even in the absence of electrical power. Prevents ice formation by draining the water from the system. The supply includes: valve with anti-freeze cartridge. **APPLICATION: Open SHP MEM, SHP M HT, SHP M Pro, SHP M Plus HT**	**8089894**	
Diverter valve kit for heating/cooling or DHW Allows the diversion of the water flow from the heat pump to the heating/cooling system or to a DHW tank. The supply includes: on/off servomotor 230V, 3-way valve body 1"1/4. **APPLICATION: Open SHP MEM, SHP M HT, SHP M Pro, SHP M Plus HT**	**8502120**	
11-Liter Expansion vessel Kit for BS Puff Box Optional 11-liter expansion vessel that can be installed inside the BS Puff Box, saving space inside the building. The supply includes: rectangular 11-liter expansion vessel, connection flexible hose. **APPLICATION: BS Puff Box**	**8076111**	
Universal Mounting Bracket Kit for BS Puff Box Universal mounting kit to be applied to BS Puff Box for positioning the heat pump on top of the buffer. The supply includes: vertical brackets (no. 2), horizontal brackets (no. 2), screws M6x20 (no. 4), screws M8 x 16 (no. 4), flat washers ø 6.6 x 24 (no. 4), nuts M6 (no. 4). Not necessary with SHP M Pro heat pumps. **APPLICATION: BS Puff Box**	**8108265**	

SHP M HT

REVERSIBLE AIR-WATER HEAT PUMP

- Designed for residential and commercial applications
- High performance for heating up to 80°C
- Monoblock version allows installation without certification and F-GAS obligations
- Standard remote control with Wi-Fi connectivity and dedicated app

R290
NATURAL REFRIGERANT

FAN COILS

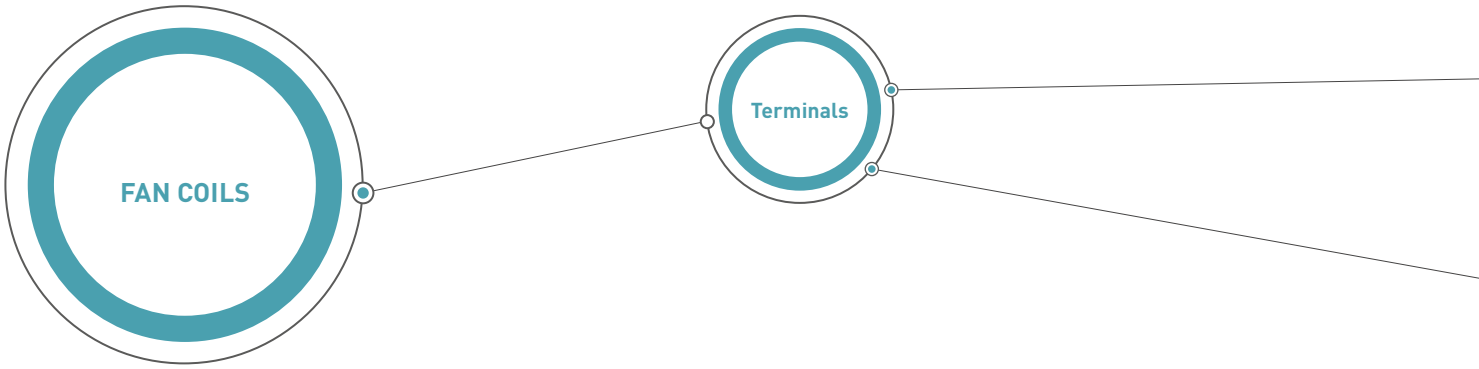
- The range of fan coils 74

TERMINALS

- SFC Slim 76
- SFC 79

- Accessories 81

THE RANGE OF FAN COILS

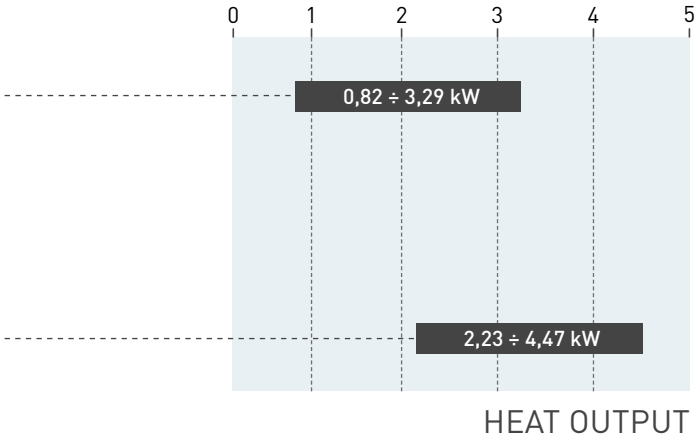


SFC Slim

Slim and design fan coils for residential and commercial applications

SFC

Fan coils for residential and commercial applications with a wide power range



SFC SLIM

SLIM AND DESIGN **FAN COILS** FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS

COMPACT DIMENSIONS

REMOTE CONTROL

SILENT CONFIGURATION

Modbus RS485 Communication

PRODUCT ADVANTAGES

- Ultra-slim, compact, and thin design, only 12.9 cm depth
- Brushless DC motor ensuring ultra-low power consumption and minimal noise levels
- Wide motorized flap to direct airflow in the optimal position
- Versatile installation options, allowing placement according to specific needs
- Touch control panel included as standard, with IR remote control supplied (for SFC Wall Slim and SFC Floor Slim models)
- Refined aesthetics with full metal construction for SFC Floor Slim versions
- Three-way valve included as standard in SFC Wall Slim versions, with condensate drain pan kit for built-in models

PRODUCTS

WALL MODELS
SFC Wall Slim 400
SFC Wall Slim 600
SFC Wall Slim 800

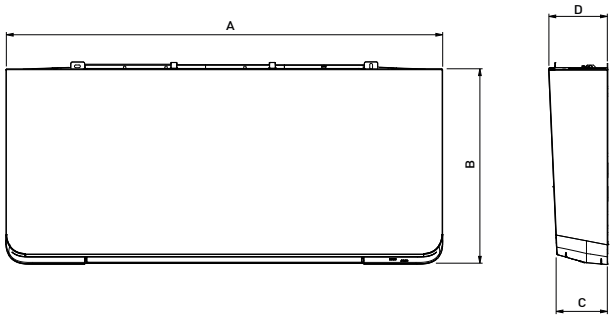
FLOOR MODELS
SFC Floor Slim 200
SFC Floor Slim 400
SFC Floor Slim 600
SFC Floor Slim 800

BUILT-IN MODELS
SFC IN Slim 200 [1]
SFC IN Slim 400 [1]
SFC IN Slim 600 [1]
SFC IN Slim 800 [1]

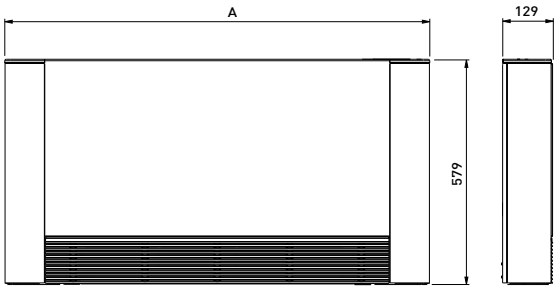
[1] Mandatory accessory: SFC Slim chronothermostat. Each thermostat can control up to 30 fan coil units connected in parallel

DIMENSIONS

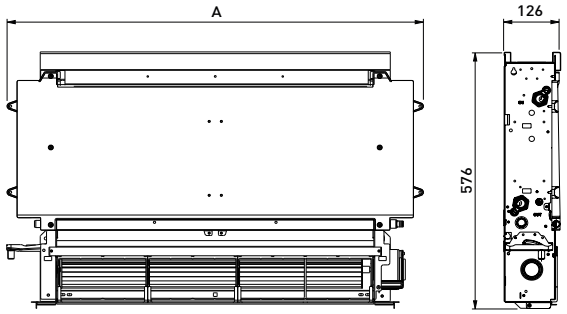
SFC Wall Slim



SFC Floor Slim



SFC IN Slim



SFC WALL SLIM	400	600	800
A (mm)	906	1.106	1.306
B (mm)	380	380	380
C (mm)	129	129	129
D (mm)	150	150	150
Weight (kg)	13	14,5	16

SFC FLOOR SLIM	200	400	600	800
A (mm)	759	959	1.159	1.359
Weight (kg)	11,5	13	15,5	18,5

SFC IN SLIM	200	400	600	800
A (mm)	525	725	925	1.125
Weight (kg)	9	12	15	18

TECHNICAL FEATURES

SFC Wall Slim			**400**	**600**	**800**
Electrical Data	Power supply	V/Ph/Hz		230/1/50	
	Maximum absorbed power	W	19	23	27
Maximum Working Pressure		bar		10	
Cooling Water 7-12°C	Total capacity	kW	1,01	1,23	1,82
	Sensible capacity	kW	0,91	1,15	1,47
	Water flow rate	l/h	177	216	318
	Water pressure drop	kPa	8,9	7,9	11
Heating Water 50°C	Total capacity	kW	1,55	2,16	2,85
	Water flow rate	l/h	177	216	318
	Water pressure drop	kPa	7,1	2,5	8,8
Airflow Rate Min/Max		m^3/h	140/290	190/400	200/430
Hydraulic Connections		Inches		Eurokonus 3/4	
Water Content in Coil		l	0,3	0,4	0,5

TECHNICAL FEATURES

SFC Floor Slim - SFC IN Slim			200	400	600	800
Electrical Data	Power supply	V/Ph/Hz	230/1/50			
	Maximum absorbed power	W	11	19	20	24
Maximum Working Pressure		bar	10			
Cooling Water 7-12°C	Total capacity	kW	0,82	1,74	2,54	3,29
	Sensible capacity	kW	0,64	1,25	1,94	2,54
	Water flow rate	l/h	143	303	440	570
	Water pressure drop	kPa	13,1	8,2	19	18,7
Heating Water 50°C	Total capacity	kW	1,05	2,31	3,12	4,10
	Water flow rate	l/h	143	303	404	570
	Water pressure drop	kPa	10,9	6,8	15,8	15,5
Airflow Rate Min/Max		m^3/h	100/160	170/320	180/460	370/575
Hydraulic Connections		Inches	Eurokonus 3/4			
Water Content in Coil		l	0,47	0,8	1,13	1,46

ACCESSORIES

MODEL	Code
SFC Slim Chronothermostat	**8101832**
SFC 800 Chronothermostat Extension Kit	**8101833**
SFC 2-Way Valve Kit (4-wire)	**8101834**
SFC 3-Way Valve Kit (4-wire)	**8101835**
SFC Manual 2-Way Valve Kit	**8101836**
SFC Manual 2-Way Valve Insulation Kit	**8101837**
3/4 Eurok - 1/2 G Adapter Kit	**8101838**
3/4 Eurok - 3/4 G Adapter Kit	**8101839**
SFC Floor Slim White Feet Kit	**8101840**
SFC Floor Slim Floor Bracket Kit	**8101841**
SFC Floor Slim 200 Drain Pan Kit	**8101800**
SFC Floor Slim 400 Drain Pan Kit	**8101801**
SFC Floor Slim 600 Drain Pan Kit	**8101802**
SFC Floor Slim 800 Drain Pan Kit	**8101803**
SFC IN Slim 200 Supply Grille Kit	**8101804**
SFC IN Slim 400 Supply Grille Kit	**8101805**
SFC IN Slim 600 Supply Grille Kit	**8101806**
SFC IN Slim 800 Supply Grille Kit	**8101807**
SFC IN Slim 200 Return Grille Kit	**8101808**
SFC IN Slim 400 Return Grille Kit	**8101809**
SFC IN Slim 600 Return Grille Kit	**8101810**

MODEL	Code
SFC IN Slim 800 Return Grille Kit	**8101811**
SFC IN Slim 200 Intake Kit	**8101812**
SFC IN Slim 400 Intake Kit	**8101813**
SFC IN Slim 600 Intake Kit	**8101814**
SFC IN Slim 800 Intake Kit	**8101815**
SFC IN Slim 200 Upper Outlet Plenum Kit	**8101816**
SFC IN Slim 400 Upper Outlet Plenum Kit	**8101817**
SFC IN Slim 600 Upper Outlet Plenum Kit	**8101818**
SFC IN Slim 800 Upper Outlet Plenum Kit	**8101819**
SFC IN Slim 200 90° Outlet Plenum Kit	**8101820**
SFC IN Slim 400 90° Outlet Plenum Kit	**8101821**
SFC IN Slim 600 90° Outlet Plenum Kit	**8101822**
SFC IN Slim 800 90° Outlet Plenum Kit	**8101823**
SFC IN Slim 200 Casing Kit	**8101824**
SFC IN Slim 400 Casing Kit	**8101825**
SFC IN Slim 600 Casing Kit	**8101826**
SFC IN Slim 800 Casing Kit	**8101827**
SFC IN Slim 200 Built-in Panel	**8101828**
SFC IN Slim 400 Built-in Panel	**8101829**
SFC IN Slim 600 Built-in Panel	**8101830**
SFC IN Slim 800 Built-in Panel	**8101831**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE FAN COILS SECTION

SFC

FAN COILS FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS WITH A WIDE POWER RANGE

REMOTE CONTROL

SILENT CONFIGURATION

PRODUCT ADVANTAGES

- Brushless DC motor ensuring ultra-low power consumption and minimal noise levels
- Wide motorized flap to direct airflow in the optimal position (Wall version)
- Versatile installation options, allowing placement according to specific needs
- Touch control panel included as standard (Floor version)
- IR remote control supplied as standard (Wall version)
- Refined aesthetics with full metal construction for SFC Floor versions
- Three-way valve included as standard (Wall version)

PRODUCTS

WALL MODELS
SFC Wall 300
SFC Wall 500

FLOOR MODELS
SFC Floor 250
SFC Floor 500

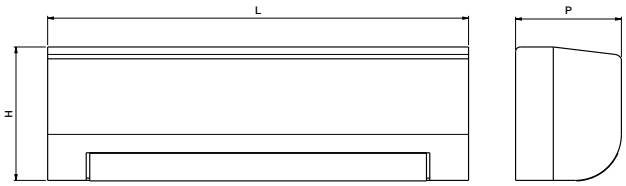
ACCESSORIES

MODEL	Code
SFC Floor 3-Way Valve Kit	**8101842**
SFC Floor White Feet Kit	**8101843**
SFC Floor Drain Pan Kit	**8101844**

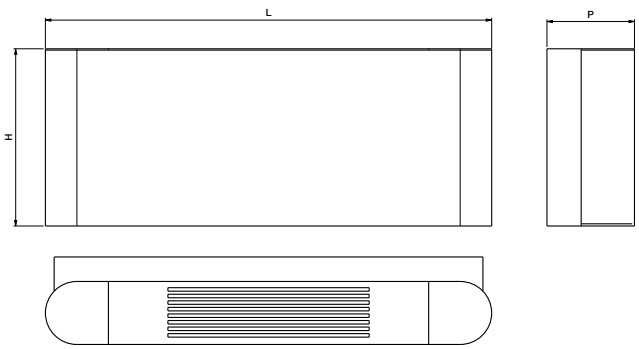
DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE FAN COILS SECTION

DIMENSIONS

SFC Wall



SFC Floor



SFC WALL	300	500
H (mm)	290	315
L (mm)	915	1.072
P (mm)	230	230
Weight (kg)	12,7	15,1

SFC FLOOR	250	500
H (mm)	405	405
L (mm)	1.020	1.240
P (mm)	200	200
Weight (kg)	21,5	25,5

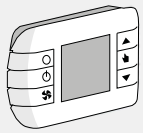
TECHNICAL FEATURES

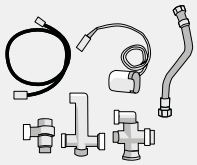
SFC Wall			**300**	**500**
Electrical Data	Power supply	V/Ph/Hz	220-240/1/50	
	Maximum absorbed power	W	13	26
Maximum Operating Pressure		bar	16	
Cooling Water 7-12°C	Total capacity	kW	2,70	4,47
	Water flow rate	l/h	480	770
	Water pressure drop	kPa	31,6	41,2
Heating Water 50°C	Total capacity	kW	3,29	5,68
	Water flow rate	l/h	480	770
	Water pressure drop	kPa	37,5	43,7
Airflow Rate Min/Max		m^3/h	400/492	634/862
Hydraulic Connections		Inches	G 3/4	
Water Content in Coil		l	0,3	0,4

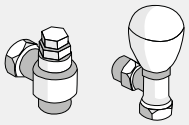
SFC Floor			**250**	**500**
Electrical Data	Power supply	V/Ph/Hz	220-240/1/50	
	Maximum absorbed power	W	20	52
Maximum Operating Pressure		bar	16	
Cooling Water 7-12°C	Total capacity	kW	2,23	4,25
	Water flow rate	l/h	380	730
	Water pressure drop	kPa	23,2	53,5
Heating Water 50°C	Total capacity	kW	2,47	4,64
	Water flow rate	l/h	420	800
	Water pressure drop	kPa	21,8	53,6
Airflow Rate Min/Max		m^3/h	140/380	380/780
Hydraulic Connections		Inches	G 3/4	
Water Content in Coil		l	0,47	0,8

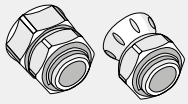
ACCESSORIES

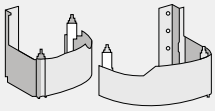
DESCRIPTION	Code
SFC Slim Chronothermostat Wall-mounted chronothermostat kit with backlit LCD display for MODBUS RS485 connection. Controls up to 30 units. Allows selection of desired temperature, operating mode, and fan speed Included components: Built-in room temperature sensor, Double-insulated 230V/12 VAC transformer, Backup battery **APPLICATION: SFC Slim**	**8101832**
SFC 800 Chronothermostat Connection Extension Kit Electrical connection cable for power and sensor in cases where connections are rotated from left to right. Included components: Connection cable **APPLICATION: SFC Floor Slim, SFC IN Slim**	**8101833**
SFC 2-Way Valve Kit (4-wire) 2-way valve with thermoelectric actuator and end switch. Included components: Electric 2-way valve and fittings **APPLICATION: SFC Floor Slim, SFC IN Slim**	**8101834**
SFC 3-Way Valve Kit (4-wire) 3-way valve with thermoelectric actuator and end switch. Included components: Electric 3-way valve and fittings **APPLICATION: SFC Floor Slim, SFC IN Slim**	**8101835**
SFC Manual 2-Way Valve Kit 2-way valve for manual operation. Included components: Manual 2-way valve and fittings **APPLICATION: SFC Floor Slim, SFC IN Slim**	**8101836**
SFC Manual 2-Way Valve Insulation Kit Insulation kit for the 2-way valve. Included components: Insulation covering for valve **APPLICATION: SFC Floor Slim, SFC IN Slim**	**8101837**
3/4 Eurok - 1/2 G Adapter Kit Eurokono adapter kit for gas connection fittings. Included components: Pair of 1/2-inch gas adapters **APPLICATION: SFC Slim**	**8101838**
3/4 Eurok - 3/4 G Adapter Kit Eurokono adapter kit for gas connection fittings. Included components: Pair of 3/4-inch gas adapters **APPLICATION: SFC Slim**	**8101839**
SFC Floor Slim White Feet Kit Aesthetic kit containing two feet to cover floor-mounted pipes. Included components: 2 white feet, Mounting material **APPLICATION: SFC Floor Slim**	**8101840**
SFC Floor Slim Floor Bracket Kit Support brackets for floor-mounted installation of the fan coil unit. Included components: 2 white feet, Mounting material **APPLICATION: SFC Floor Slim**	**8101841**

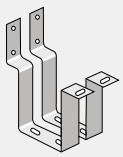




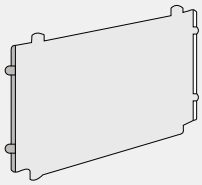


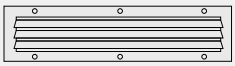




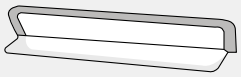


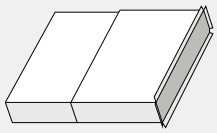
DESCRIPTION	Code
SFC Floor Slim 200 Drain Pan Kit Condensate collection tray for horizontal ceiling installation. Included components: Condensate collection tray and mounting material **APPLICATION: SFC Floor Slim 200**	**8101800**
SFC Floor Slim 400 Drain Pan Kit Condensate collection tray for horizontal ceiling installation. Included components: Condensate collection tray and mounting material **APPLICATION: SFC Floor Slim 400**	**8101801**
SFC Floor Slim 600 Drain Pan Kit Condensate collection tray for horizontal ceiling installation. Included components: Condensate collection tray and mounting material **APPLICATION: SFC Floor Slim 600**	**8101802**
SFC Floor Slim 800 Drain Pan Kit Condensate collection tray for horizontal ceiling installation. Included components: Condensate collection tray and mounting material **APPLICATION: SFC Floor Slim 800**	**8101803**
SFC IN Slim 200 Outlet Grille Kit Anodized aluminum grille for false ceiling installation. Included components: Aluminum grille **APPLICATION: SFC IN Slim 200**	**8101804**
SFC IN Slim 400 Outlet Grille Kit Anodized aluminum grille for false ceiling installation. Included components: Aluminum grille **APPLICATION: SFC IN Slim 400**	**8101805**
SFC IN Slim 600 Outlet Grille Kit Anodized aluminum grille for false ceiling installation. Included components: Aluminum grille **APPLICATION: SFC IN Slim 600**	**8101806**
SFC IN Slim 800 Outlet Grille Kit Anodized aluminum grille for false ceiling installation. Included components: Aluminum grille **APPLICATION: SFC IN Slim 800**	**8101807**
SFC IN Slim 200 Intake Grille Kit Anodized aluminum grille for false ceiling installation. Included components: Aluminum grille **APPLICATION: SFC IN Slim 200**	**8101808**
SFC IN Slim 400 Intake Grille Kit Anodized aluminum grille for false ceiling installation. Included components: Aluminum grille **APPLICATION: SFC IN Slim 400**	**8101809**
SFC IN Slim 600 Intake Grille Kit Anodized aluminum grille for false ceiling installation. Included components: Aluminum grille **APPLICATION: SFC IN Slim 600**	**8101810**
SFC IN Slim 800 Intake Grille Kit Anodized aluminum grille for false ceiling installation. Included components: Aluminum grille **APPLICATION: SFC IN Slim 800**	**8101811**

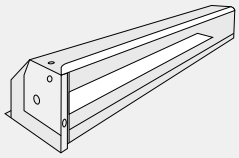




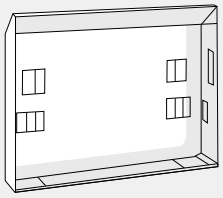
DESCRIPTION	Code
SFC IN Slim 200 Intake Kit Intake kit for false ceiling installation, connecting the grille to the fan coil unit. Included components: Intake nozzle and mounting material **APPLICATION: SFC IN Slim 200**	**8101812**
SFC IN Slim 400 Intake Kit Intake kit for false ceiling installation, connecting the grille to the fan coil unit. Included components: Intake nozzle and mounting material **APPLICATION: SFC IN Slim 400**	**8101813**
SFC IN Slim 600 Intake Kit Intake kit for false ceiling installation, connecting the grille to the fan coil unit. Included components: Intake nozzle and mounting material **APPLICATION: SFC IN Slim 600**	**8101814**
SFC IN Slim 800 Intake Kit Intake kit for false ceiling installation, connecting the grille to the fan coil unit. Included components: Intake nozzle and mounting material **APPLICATION: SFC IN Slim 800**	**8101815**
SFC IN Slim 200 Upper Outlet Plenum Kit Telescopic plenum to connect the grille to the fan coil unit. Included components: Plenum and mounting material. Maximum length: 60 cm **APPLICATION: SFC IN Slim 200**	**8101816**
SFC IN Slim 400 Upper Outlet Plenum Kit Telescopic plenum to connect the grille to the fan coil unit. Included components: Plenum and mounting material. Maximum length: 60 cm **APPLICATION: SFC IN Slim 400**	**8101817**
SFC IN Slim 600 Upper Outlet Plenum Kit Telescopic plenum to connect the grille to the fan coil unit. Included components: Plenum and mounting material. Maximum length: 60 cm **APPLICATION: SFC IN Slim 600**	**8101818**
SFC IN Slim 800 Upper Outlet Plenum Kit Telescopic plenum to connect the grille to the fan coil unit. Included components: Plenum and mounting material. Maximum length: 60 cm **APPLICATION: SFC IN Slim 800**	**8101819**
SFC IN Slim 200 90° Outlet Plenum Kit 90° plenum to connect the grille to the fan coil unit. Included components: Plenum and mounting material. **APPLICATION: SFC IN Slim 200**	**8101820**
SFC IN Slim 400 90° Outlet Plenum Kit 90° plenum to connect the grille to the fan coil unit. Included components: Plenum and mounting material **APPLICATION: SFC IN Slim 400**	**8101821**
SFC IN Slim 600 90° Outlet Plenum Kit 90° plenum to connect the grille to the fan coil unit. Included components: Plenum and mounting material **APPLICATION: SFC IN Slim 600**	**8101822**
SFC IN Slim 800 90° Outlet Plenum Kit 90° plenum to connect the grille to the fan coil unit. Included components: Plenum and mounting material **APPLICATION: SFC IN Slim 800**	**8101823**

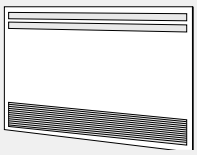


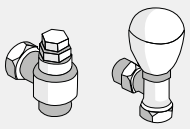


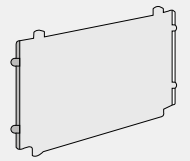


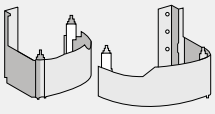
DESCRIPTION	Code
SFC IN Slim 200 Casing Kit Kit for vertical built-in installation (to be paired with the closure panel). Included components: Steel casing, dimensions 713 x 725 x 142 mm **APPLICATION: SFC IN Slim 200**	**8101824**
SFC IN Slim 400 Casing Kit Kit for vertical built-in installation (to be paired with the closure panel). Included components: Steel casing, dimensions 913 x 725 x 142 mm **APPLICATION: SFC IN Slim 400**	**8101825**
SFC IN Slim 600 Casing Kit Kit for vertical built-in installation (to be paired with the closure panel). Included components: Steel casing, dimensions 1113 x 725 x 142 mm **APPLICATION: SFC IN Slim 600**	**8101826**
SFC IN Slim 800 Casing Kit Kit for vertical built-in installation (to be paired with the closure panel). Included components: Steel casing, dimensions 1313 x 725 x 142 mm **APPLICATION: SFC IN Slim 800**	**8101827**
SFC IN Slim 200 Built-in Panel Closure panel for built-in structure. Included components: White panel and mounting material, dimensions 772 x 754 mm **APPLICATION: SFC IN Slim 200**	**8101828**
SFC IN Slim 400 Built-in Panel Closure panel for built-in structure. Included components: White panel and mounting material, dimensions 972 x 754 mm **APPLICATION: SFC IN Slim 400**	**8101829**
SFC IN Slim 600 Built-in Panel Closure panel for built-in structure. Included components: White panel and mounting material, dimensions 1172 x 754 mm **APPLICATION: SFC IN Slim 600**	**8101830**
SFC IN Slim 800 Built-in Panel Closure panel for built-in structure. Included components: White panel and mounting material, dimensions 1372 x 754 mm **APPLICATION: SFC IN Slim 800**	**8101831**
SFC 3-Way Valve Kit 3-way valve with thermoelectric actuator and end switch. Included components: Electric 3-way valve and fittings **APPLICATION: SFC Floor**	**8101842**
SFC Floor Drain Pan Kit Condensate collection tray for horizontal ceiling installation. Included components: Condensate collection tray and mounting material **APPLICATION: SFC Floor**	**8101844**
SFC Floor White Feet Kit Aesthetic kit containing two feet to cover floor-mounted pipes. Included components: 2 white feet, Mounting material **APPLICATION: SFC Floor**	**8101843**











SFC
FAN COILS FOR EVERY NEED

- Ideal for modern heating and cooling systems
- Compatible with condensing boilers, hybrid systems, and heat pumps
- A wide range of models available for residential environments and commercial spaces
- Slim and elegant design, low consumption and maximum quietness

Available in:
SFC SLIM version - slim and designer fan coils
SFC version - power fan coils

SOLAR THERMAL

- The solar thermal range 88

NATURAL CIRCULATION SYSTEMS

- Sime Natural S 90
- Sime Natural S LP 92

FORCED CIRCULATION SYSTEMS

- Easy System 94

SOLAR COLLECTORS

- SimeSol - SimePlano 96

SOLAR TANKS

- BS 2S C - BS 2S 101
- BS Fast 103
- BS Puff 105

SOLAR UNITS

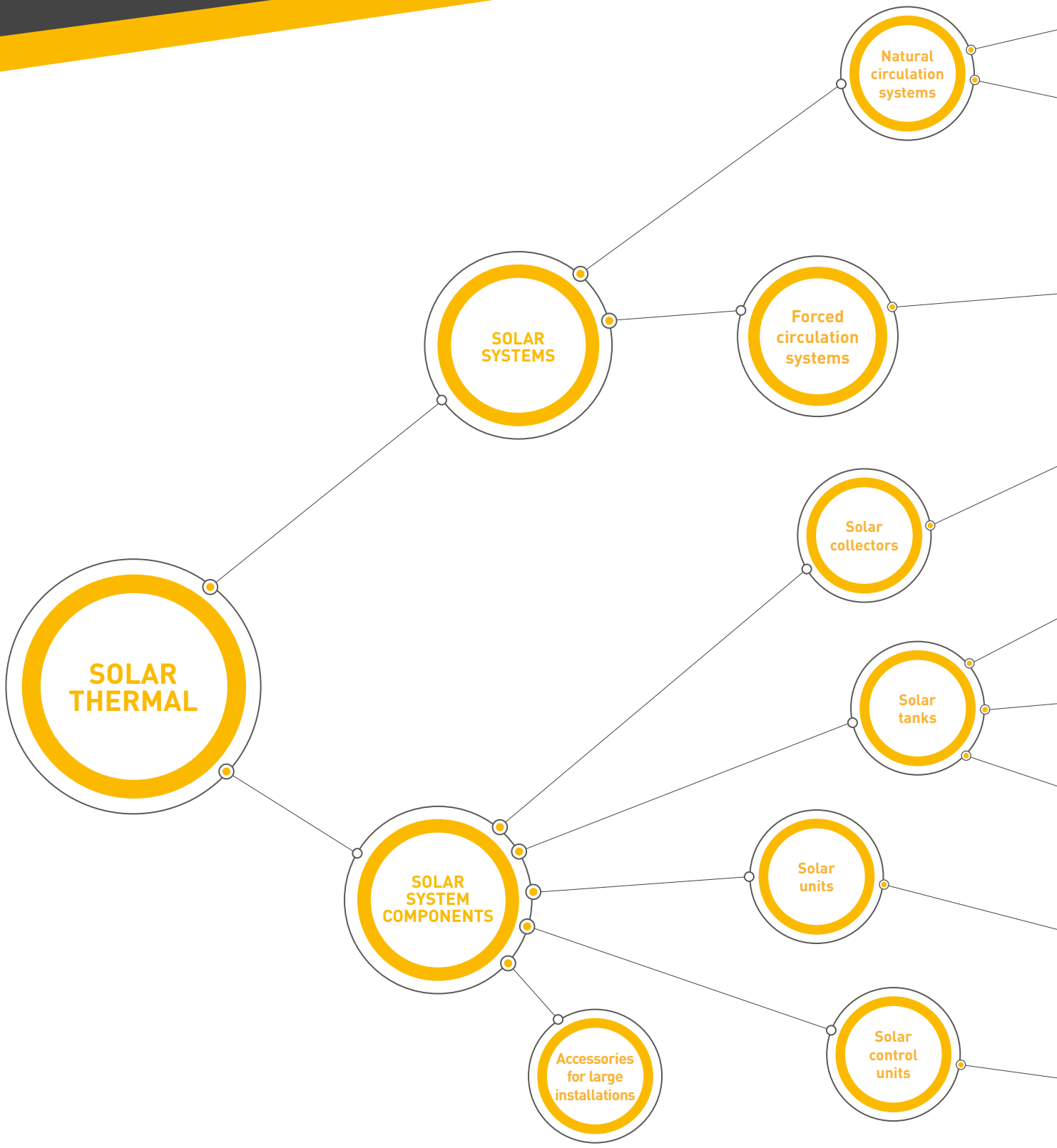
- GI 2C - GI 1C 107

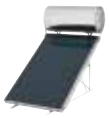
SOLAR CONTROL UNITS

- Termosolis 108

- Accessories 109

THE SOLAR THERMAL RANGE





Sime Natural S

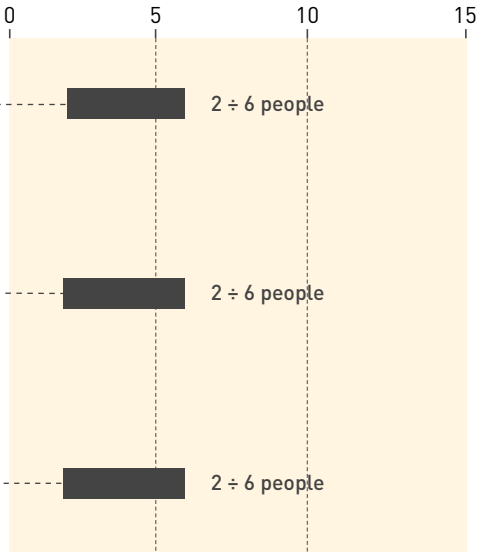
Natural circulation solar systems for family units from 2 to 6 people

Sime Natural S LP

Natural circulation solar systems for family units from 2 to 6 people, with a hidden solar tank to reduce aesthetic impact

Easy System

Forced circulation solar systems for DHW production for households from 2 to 6 people



FOR FAMILY UNITS

SimeSol - SimePlano

Flat solar collectors with structure in naval aluminum enriched with magnesium

BS 2S C - BS 2S

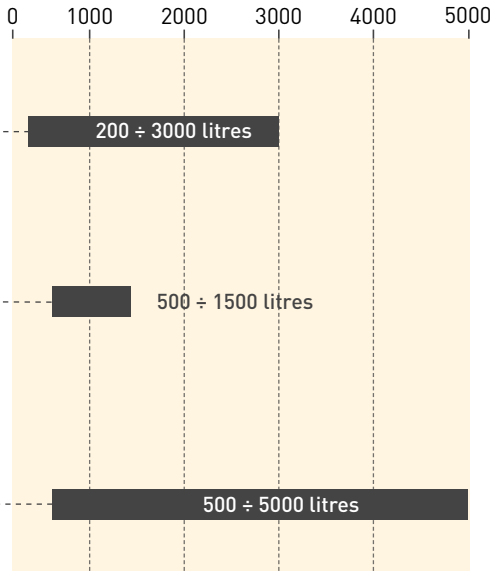
Double-coil DHW storage tanks

BS Fast

Double coil buffer tanks with tubular heat exchanger in steel AISI 316 for a rapid accumulation of domestic hot water

BS Puff

Tanks for buffer accumulation in carbon steel



SOLAR TANK CAPACITIES

GI 2C - GI 1C

Pre-assembled and insulated bi-column/ mono-column solar pump units with EPP shell

Termosolis

Solar system control unit for producing domestic hot water and contributing to the heating system

SIME NATURAL S

NATURAL CIRCULATION **SOLAR SYSTEMS** FOR FAMILY UNITS FROM 2 TO 6 PEOPLE

SOLAR KEYMARK CERTIFICATION

EN12975

EN 12975 CERTIFICATION

PRODUCT ADVANTAGES

- The system is made of 1 or 2 selective solar collectors with an aluminum profile frame and a horizontal solar tank with heat exchanger, available in 160, 200, and 300-liter capacities
- The heat transfer fluid (water and glycol) transfers heat from the collector to the solar tank, where the domestic hot water is heated internally, protected by double vitrification
- The primary and secondary circuits are protected by a safety valve
- Each kit includes a thermostatically controlled 1.5 kW electric resistance heater as standard
- Two installation options: flat roof and sloped roof, with additional fixing brackets (see accessories table)
- For roof installations, the solar tank can be remotely in the area under the roof, following instructions related to inclination and maximum distance
- The solar tank's outer casing is made of naval aluminum alloy with no side covers and a pre-painted galvanized steel frame

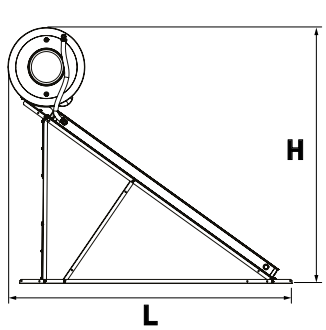
PRODUCTS

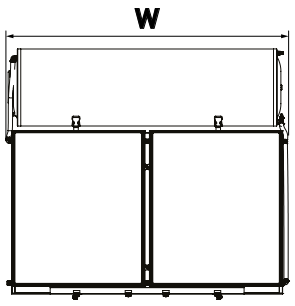
MODELS
Sime Natural 160 S
Sime Natural 200 S

MODELS
Sime Natural 300/5.2 S
Sime Natural 300/5.44 S

DIMENSIONS

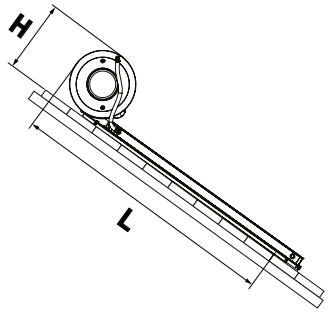
Flat Surface

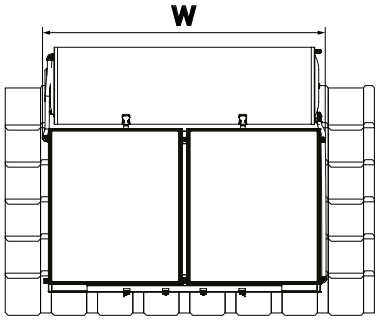




DIMENSIONS	160	200	300/5.2	300/5.44
L (mm)	2.149	2.149	2.145	2.314
W (mm)	1.123	1.403	2.708	2.709
H (mm)	1.886	1.886	1.891	2.007

Inclined Surface





DIMENSIONS	160	200	300/5.2	300/5.44
L (mm)	2.609	2.609	2.609	2.812
W (mm)	1.123	1.403	2.704	2.709
H (mm)	623	623	626	629

KIT COMPONENTS	160	200	300/5.2	300/5.44
SimePlano Collector + fittings				
Collectors fixing				
Solar tank				

TECHNICAL FEATURES

Sime Natural S		160	200	300/5.2	300/5.44
Total collector surface area	m^2	2,09	2,6	5,2	5,44
Number of collectors	n°	1	1	2	2
Single collector dimensions (H x W x D)	mm	2.030 x 1.030 x 80	2.030 x 1.280 x 80	2.030 x 1.280 x 80	2.160 x 1.260 x 86
Solar tank capacity	l	160	200	300	300
Truss frame kit		On flat roof for 1 collector	On flat roof for 1 collector	On flat roof for 2 collectors	On flat roof for 2 collectors
Max working pressure (water tank)	bar	10	10	10	10
Max working pressure (closed circuit)	bar	2,5	2,5	1,5	1,5
Max operating temperature	°C	95	95	95	95
Weight of the full system	kg	293	365	588	595
Weight of the vacuum	kg	140	167	263	270

ACCESSORIES

DESCRIPTION	Code
Suspended Collector Mounting Bracket Kit for roof installation (2 pieces required per kit)	5801500

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE SOLAR THERMAL SECTION

SIME NATURAL S LP

NATURAL CIRCULATION **SOLAR SYSTEMS** FOR FAMILY UNITS FROM 2 TO 6 PEOPLE WITH A HIDDEN SOLAR TANK TO REDUCE AESTHETIC IMPACT

SOLAR KEYMARK CERTIFICATION

EN12975

EN 12975 CERTIFICATION

PRODUCT ADVANTAGES

- The system consists of 1 or 2 selective solar collectors and a horizontal solar tank with heat exchanger, available in 160, 200, and 300-liter capacities
- The heat transfer fluid (water and glycol) transfers heat from the collector to the solar tank, where the domestic hot water is heated internally, protected by double vitrification
- The primary and secondary circuits are protected by a safety valve
- Each kit includes a thermostatically controlled 1.5 kW electric resistance heater as standard
- Flat roof installation
- The solar tank's outer casing is made of naval aluminum alloy with no side covers and a pre-painted galvanized steel frame

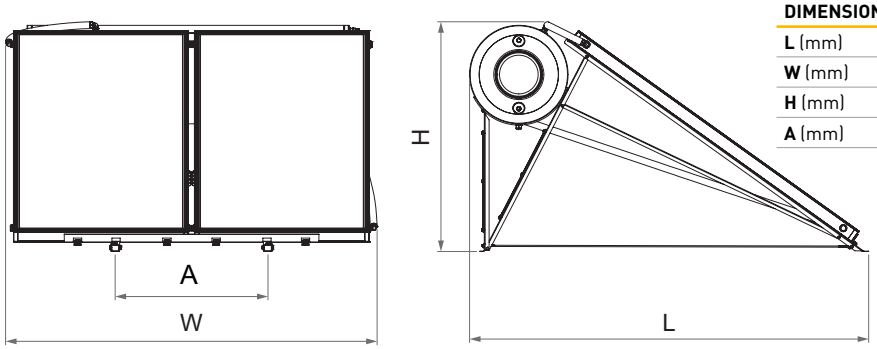
PRODUCTS

MODELS
Sime Natural 160 S LP
Sime Natural 200 S LP

MODELS
Sime Natural 300/5.2 S LP
Sime Natural 300/5.44 S LP

DIMENSIONS

Flat Surface



DIMENSIONS	160	200	300/5.2	300/5.44
L (mm)	2.350	2.350	2.350	2.478
W (mm)	1.129	1.388	2.189	2.700
H (mm)	1.353	1.353	1.353	1.402
A (mm)	900	900	1.340	1.340

KIT COMPONENTS	160	200	300/5.2	300/5.44
SimePlano Collector + fittings				
Collectors fixing				
Solar tank				

TECHNICAL FEATURES

Sime Natural S LP		160	200	300/5.2	300/5.44
Total collector surface area	m^2	2,09	2,6	5,2	5,44
Number of collectors	n°	1	1	2	2
Single collector dimensions (H x W x D	mm	2.030 x 1.030 x 80	2.030 x 1.280 x 80	2.030 x 1.280 x 80	2.160 x 1.260 x 86
Solar tank capacity	l	160	200	300	300
Truss frame kit		On flat roof for 1 collector	On flat roof for 1 collector	On flat roof for 2 collectors	On flat roof for 2 collectors
Max working pressure (water tank)	bar	10	10	10	10
Max working pressure (closed circuit)	bar	2,5	2,5	1,5	1,5
Max operating temperature	°C	95	95	95	95
Weight of the full system	kg	284	354	573	595
Weight of the vacuum	kg	131	156	249	270

EASY SYSTEM

FORCED CIRCULATION **SOLAR SYSTEMS** FOR DOMESTIC HOT WATER PRODUCTION FOR FAMILY UNITS FROM 2 TO 6 PEOPLE

SOLAR KEYMARK CERTIFICATION

EN12975

EN 12975 CERTIFICATION

PRODUCT ADVANTAGES

- The system consists of 1 to 2 solar collectors with mounting systems and a double-coil solar tank, available in 200 to 400-liter capacities
- The kit includes: bi-column hydraulic group and Termosolis controller, hydraulic fittings, 18-liter expansion vessel, controller protection module, 10-liter container of pure glycol
- The energy collected by the solar collectors is transferred to the domestic hot water in the solar tank via the lower coil. Supplementary heating can be provided through the upper coil during periods of low solar input
- Two installation options: parallel to the sloped roof (FA) and on a flat roof (P)

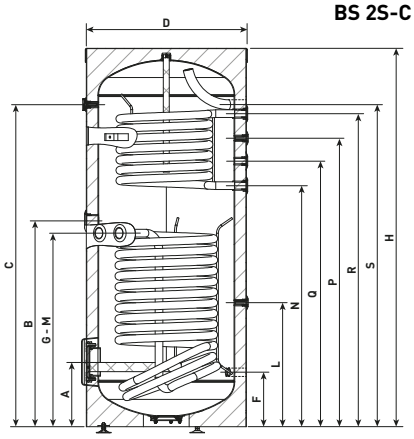
PRODUCTS

SLOPED ROOF INSTALLATION
Easy System 1-2 FA
Easy System 3-4 FA
Easy System 5-6 FA

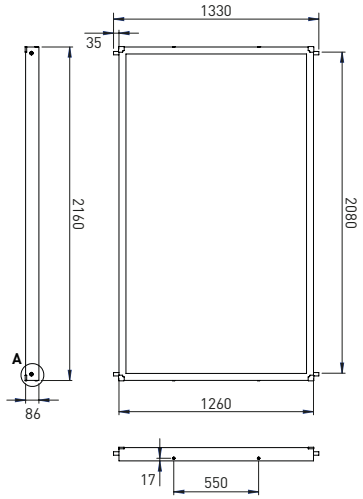
FLAT ROOF INSTALLATION
Easy System 1-2 P
Easy System 3-4 P
Easy System 5-6 P

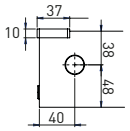
DIMENSIONS

BS 2S-C



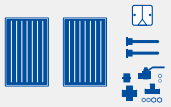
SimePlano 272





PARTICOLARE A

DIMENSIONS	C 200	C 300	C 400
A (mm)	287	287	283
B (mm)	629	914	900
C (mm)	982	1.512	1.408
F (mm)	242	242	238
G (mm)	579	804	846
L (mm)	412	523	542
M (mm)	579	804	846
N (mm)	712	979	1.053
P (mm)	894	1.209	1.261
Q (mm)	800	1.111	1.161
R (mm)	982	1.339	1.368
S (mm)	982	1.512	1.408
H (mm)	1.232	1.762	1.654
ø est (mm)	600	600	700

KIT COMPONENTS	Easy System 1-2	Easy System 3-4 / 5-6
SimePlano Collector Controller protection module Fittings + sensor well ports		
Collector mounting brackets		
Solar storage tank with controller Expansion vessel Glycol container		

TECHNICAL FEATURES

Easy System		1-2 FA/P	3-4 FA/P	5-6 FA/P
Total collector surface area	m^2	2,72	5,44	5,44
Number of collectors	n°	1	2	2
Solar tank capacity	l	187	283	388
Solar tank energy efficiency class				
Solar tank weight	kg	82	118	143

SIMESOL - SIMEPLANO

FLAT **SOLAR COLLECTORS** WITH NAVAL ALUMINUM STRUCTURE ENRICHED WITH MAGNESIUM

SOLAR KEYMARK CERTIFICATION

EN12975

EN 12975 CERTIFICATION

PRODUCT ADVANTAGES

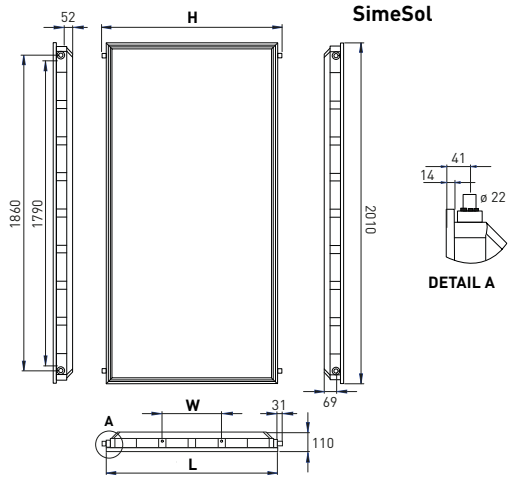
- Rock wool insulation: 6 cm for SimeSol, 5 cm for SimePlano (thermal conductivity: 0,035 W/mK)
- 4 mm high-resistance prismatic glass with high light permeability
- Absorber plate made of a single titanium-treated aluminum sheet with selective film, laser-welded onto the copper tube bundle
- SimeSol structure: Shaped naval aluminum sheet
- SimePlano structure: Extruded aluminum profiles with naval aluminum rear panel
- 3 types of installation: built-in (only for SimeSol 230), parallel to roof, flat roof
- For installation on flat roof and on sloped roof, reclining fixing kits are available that improve system performance
- SimeSol HRZ 182 is designed for horizontal installation
- Complete hydraulic fittings available for 1 to 6 collectors in series
- Sloped roof mounting kits available for tile support, raised and with drilling

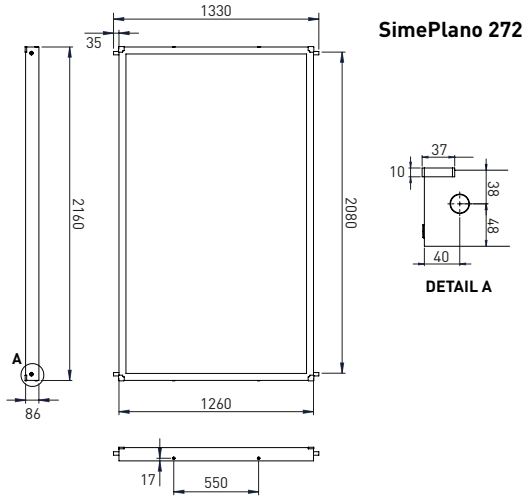
PRODUCTS

MODELS
SimeSol 230
SimeSol 182
SimeSol HRZ 182

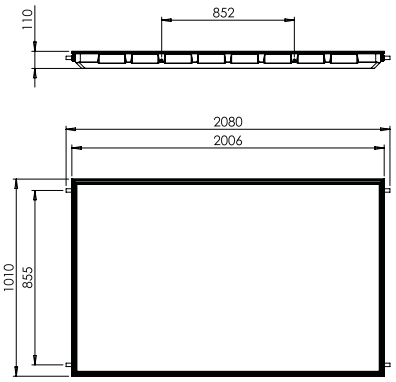
MODELS
SimePlano 272

DIMENSIONS





DIMENSIONS	230	182	HRZ 182
L (mm)	1.260	1.010	1.010
W (mm)	660	360	360
H (mm)	1.310	1.060	1.060



The SIMESOL HRZ 182 collector differs from the SIMESOL 182 collector only in the position of the connections, as shown in the diagram

TECHNICAL FEATURES

SimeSol		230	182	HRZ 182	SimePlano 272
Gross surface	m^2	2,53	2,03	2,03	2,72
Net surface	m^2	2,33	1,82	1,82	2,57
Water content	l	2,12	1,75	1,75	1,82
Box structure	l	Naval aluminum	Naval aluminum	Naval aluminum	Naval aluminum
Max working pressure	bar	10	10	10	10
Empty weight	kg	45,4	38	38	48

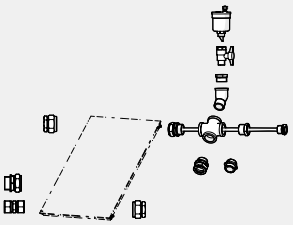
ACCESSORIES

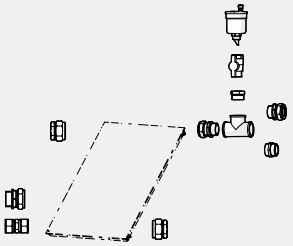
DESCRIPTION	Code
SimeSol fittings covering kit	**5800600**
Frame for flat roof or ground installation – SimeSol HRZ 182	**8501410**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE SOLAR THERMAL SECTION

COLLECTOR FITTINGS

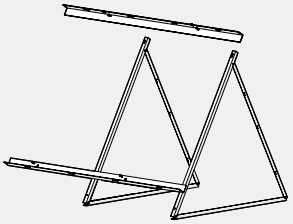
DESCRIPTION	Code
Fittings - 1 Collector (First Battery) Components for connecting a battery of 1 SimeSol solar collector to the solar circuit. Included components: Nipple, fittings, plugs, cross fitting, 45° elbow, reducer, ball valve, automatic air vent, sensor well	8500300
Fittings - 2 Collectors (First Battery) Components for connecting a battery of 2 SimeSol solar collectors to the solar circuit. Included components: Nipple, fittings, plugs, cross fitting, 45° elbow, reducer, ball valve, automatic air vent, sensor well	8500301
Fittings - 3 Collectors (First Battery) Components for connecting a battery of 3 SimeSol solar collectors to the solar circuit. Included components: Nipple, fittings, plugs, cross fitting, 45° elbow, reducer, ball valve, automatic air vent, sensor well	8500302
Fittings - 4 Collectors (First Battery) Components for connecting a battery of 4 SimeSol solar collectors to the solar circuit. Included components: Nipple, fittings, plugs, cross fitting, 45° elbow, reducer, ball valve, automatic air vent, sensor well	8500303
Fittings - 5 Collectors (First Battery Components for connecting a battery of 5 SimeSol solar collectors to the solar circuit. Included components: Nipple, fittings, plugs, cross fitting, 45° elbow, reducer, ball valve, automatic air vent, sensor well	8500314
Fittings - 6 Collectors (First Battery) Components for connecting a battery of 6 SimeSol solar collectors to the solar circuit. Included components: Nipple, fittings, plugs, cross fitting, 45° elbow, reducer, ball valve, automatic air vent, sensor well	8500315
Fittings - 1 Collector (Subsequent Batteries) Components for connecting a battery of 1 SimeSol solar collector to other batteries. Included components: Nipple, fittings, plugs, tee fitting, ball valve, automatic air vent	8500304
Fittings - 2 Collectors (Subsequent Batteries) Components for connecting a battery of 2 SimeSol solar collectors to other batteries. Included components: Nipple, fittings, plugs, tee fitting, ball valve, automatic air vent	8500305
Fittings - 3 Collectors (Subsequent Batteries) Components for connecting a battery of 3 SimeSol solar collectors to other batteries. Included components: Nipple, fittings, plugs, tee fitting, ball valve, automatic air vent	8500306
Fittings - 4 Collectors (Subsequent Batteries) Components for connecting a battery of 4 SimeSol solar collectors to other batteries. Included components: Nipple, fittings, plugs, tee fitting, ball valve, automatic air vent	8500307
Fittings - 5 Collectors (Subsequent Batteries) Components for connecting a battery of 5 SimeSol solar collectors to other batteries. Included components: Nipple, fittings, plugs, tee fitting, ball valve, automatic air vent	8500316
Fittings - 6 Collectors (Subsequent Batteries) Components for connecting a battery of 6 SimeSol solar collectors to other batteries. Included components: Nipple, fittings, plugs, tee fitting, ball valve, automatic air vent	8500317





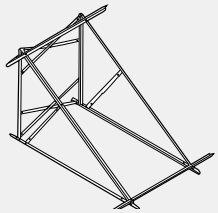
ADJUSTABLE FRAMES FOR FLAT ROOF INSTALLATIONS

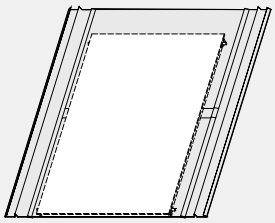
DESCRIPTION	Code
Adjustable Frame Kit 10-60° for 1 Collector SimePlano 272 / SimeSol 230 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501530
Adjustable Frame Kit 10-60° for 2 Collectors SimePlano 272 / SimeSol 230 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501531
Adjustable Frame Kit 10-60° for 3 Collectors SimePlano 272 / SimeSol 230 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501532
Adjustable Frame Kit 10-60° for 4 Collectors SimePlano 272 / SimeSol 230 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501533
Adjustable Frame Kit 10-60° for 5 Collectors SimePlano 272 / SimeSol 230 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501534
Adjustable Frame Kit 10-60° for 6 Collectors SimePlano 272 / SimeSol 230 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501535
Adjustable Frame Kit 10-60° for 1 Collector SimeSol 182 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501620
Adjustable Frame Kit 10-60° for 2 Collectors SimeSol 182 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501621
Adjustable Frame Kit 10-60° for 3 Collectors SimeSol 182 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501622
Adjustable Frame Kit 10-60° for 4 Collectors SimeSol 182 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501623
Adjustable Frame Kit 10-60° for 5 Collectors SimeSol 182 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501624
Adjustable Frame Kit 10-60° for 6 Collectors SimeSol 182 Included components: Elements for an adjustable truss frame for flat roof or ground installation	8501625



FIXED FRAMES FOR FLAT ROOF AND BUILT-IN INSTALLATION

DESCRIPTION	Code
Fixed Support Frame for Flat Roof or Ground Installation – SimeSol[1] Included components: Elements for a non-adjustable truss frame	8500001
Fixed Support Frame for Flat Roof or Ground Installation – 1 SimePlano 272 Included components: Elements for a non-adjustable truss frame	8500004
Fixed Support Frame for Flat Roof or Ground Installation – 2 SimePlano 272 Included components: Elements for a non-adjustable truss frame	8500005
Built-in Installation Frame for 1 Collector – SimeSol 230[2] System for solar thermal integration into the roof. Included components: recessed roof tray, side gutters and flashing, angle brackets, galvanized collector mounting brackets, aluminum roll, wind-resistant brackets	8500400
Built-in Installation Frame for 2 Collectors – SimeSol 230[2] System for solar thermal integration into the roof. Included components: recessed roof tray, side gutters and flashing, angle brackets, galvanized collector mounting brackets, aluminum roll, wind-resistant brackets	8500401
Built-in Installation Frame for 3 Collectors – SimeSol 230[2] System for solar thermal integration into the roof. Included components: recessed roof tray, side gutters and flashing, angle brackets, galvanized collector mounting brackets, aluminum roll, wind-resistant brackets	8500402
Built-in Installation Frame for 4 Collectors – SimeSol 230[2] System for solar thermal integration into the roof. Included components: recessed roof tray, side gutters and flashing, angle brackets, galvanized collector mounting brackets, aluminum roll, wind-resistant brackets	8500403



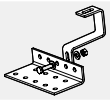


[1] One frame required per collector.
[2] Built-in installation is not available for SimeSol 182.

FIXED FRAMES FOR SLOPED ROOF INSTALLATION

Kit for installing flat solar collectors on inclined roofs.

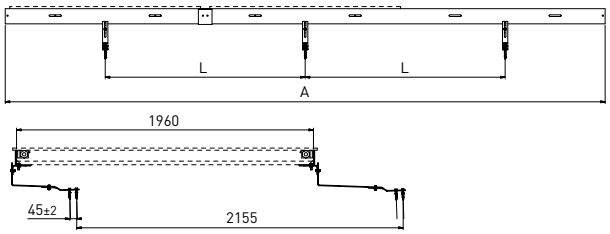
Required Mounting Bracket Kit Quantities



DESCRIPTION	Code	TILE DRILLING cod. 5801600	RESTING cod. 5801700	BENT ROOF TILE cod. 5801900	SUSPENDED cod. 5801500
Sloped Roof Kit for 1 Collector – SimePlano 272 / SimeSol 230 / HRZ 182[1] Included components: L-bars for mounting 1 collector and sensor well port	8501546	n° 2	n° 2	n° 2	n° 2
Sloped Roof Kit for 2 Collectors – SimePlano 272 / SimeSol 230 Included components: L-bars for mounting 2 collectors and sensor well port	8501547	n° 2	n° 2	n° 2	n° 2
Sloped Roof Kit for 3 Collectors – SimePlano 272 / SimeSol 230 Included components: L-bars for mounting 3 collectors and sensor well port	8501548	n° 3	n° 3	n° 3	n° 3
Sloped Roof Kit for 4 Collectors – SimePlano 272 / SimeSol 230 Included components: L-bars for mounting 4 collectors and sensor well port	8501549	n° 4	n° 4	n° 4	n° 4
Sloped Roof Kit for 5 Collectors – SimePlano 272 / SimeSol 230 Included components: L-bars for mounting 5 collectors and sensor well port	8501550	n° 5	n° 5	n° 5	n° 5
Sloped Roof Kit for 6 Collectors – SimePlano 272 / SimeSol 230 Included components: L-bars for mounting 6 collectors and sensor well port	8501551	n° 6	n° 6	n° 6	n° 6
Sloped Roof Kit for 1 Collector – SimeSol 182 Included components: L-bars for mounting 1 collector and sensor well port	8501630	n° 2	n° 2	n° 2	n° 2
Sloped Roof Kit for 2 Collectors – SimeSol 182 Included components: L-bars for mounting 2 collectors and sensor well port	8501631	n° 2	n° 2	n° 2	n° 2
Sloped Roof Kit for 3 Collectors – SimeSol 182 Included components: L-bars for mounting 3 collectors and sensor well port	8501632	n° 3	n° 3	n° 3	n° 3
Sloped Roof Kit for 4 Collectors – SimeSol 182 Included components: L-bars for mounting 4 collectors and sensor well port	8501633	n° 4	n° 4	n° 4	n° 4
Sloped Roof Kit for 5 Collectors – SimeSol 182 Included components: L-bars for mounting 5 collectors and sensor well port	8501634	n° 5	n° 5	n° 5	n° 5
Sloped Roof Kit for 6 Collectors – SimeSol 182 Included components: L-bars for mounting 6 collectors and sensor well port	8501635	n° 6	n° 6	n° 6	n° 6

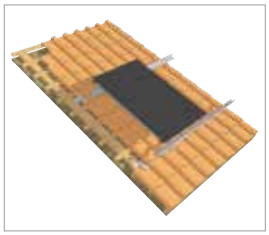
[1] Order one unit per each SimeSol HRZ 182 collector..

PITCH FIXING KIT OVERALL DIMENSIONS



No. of Collectors	L (mm)			A (mm)		
	SimeSol 230	SimeSol 182	SimePlano 272	SimeSol 230	SimeSol 182	SimePlano 272
1	800	620	800	1.320	1.070	1.320
2	1.320	1.070	1.320	2.640	2.140	2.640
3	1.320	1.070	1.320	3.960	3.210	4.000
4	1.320	1.070	1.320	5.280	4.280	5.320
5	1.320	1.070	1.320	6.600	5.350	6.680
6	1.320	1.070	1.320	7.920	6.420	8.000

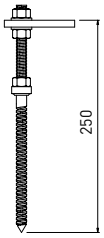
FIXED FRAME

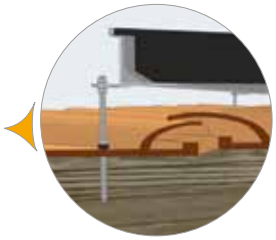


FLAT ROOF TILE DRILLING cod. 5801600

UNIVERSAL

UNIVERSAL FOR ALL TYPES OF ROOFING, WITH THE COLLECTOR EITHER RESTING OR SUSPENDED ON THE ROOF SURFACE. REQUIRES DRILLING OF THE FLAT ROOF TILES.

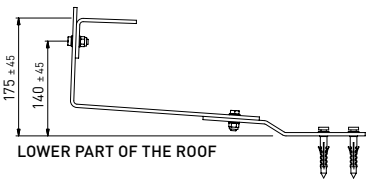


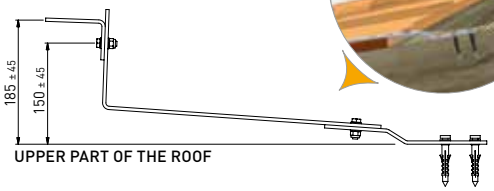


RESTING cod. 5801700

SLATE | BENT ROOF TILE | FLAT ROOF TILE

SUITABLE FOR SLATE, BENT ROOF TILE, FLAT ROOF TILE. THE COLLECTOR RESTS ON THE ROOF. BRACKETS PREVENT IT FROM SLIDING.

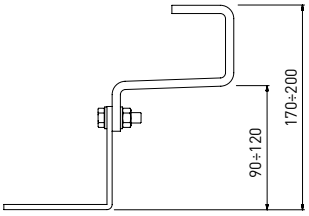


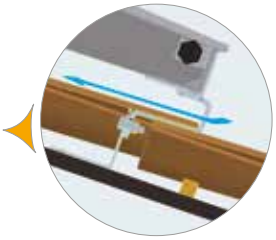


BENT ROOF TILE cod. 5801900

BENT ROOF TILE

SUITABLE FOR BENT ROOF TILE. THE COLLECTOR IS SUSPENDED BY BRACKETS ON THE ROOF..

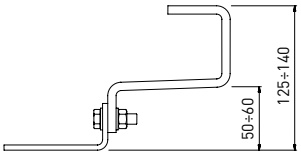


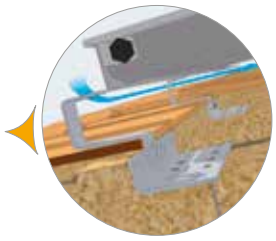


SUSPENDED cod. 5801500

BENT ROOF TILE | FLAT ROOF TILE

SUITABLE FOR BENT ROOF TILE AND FLAT ROOF TILES. THE COLLECTOR IS SUSPENDED BY BRACKETS ON THE ROOF.





ACCESSORIES

DESCRIPTION	Code
Collector fixing brackets kit FLAT ROOF TILE DRILLING for pitch installation	5801600
Collector fixing brackets kit RESTING ON FLAT ROOF TILE for pitch installation	5801700
Collector fixing brackets kit ON BENT ROOF TILE for pitch installation	5801900

DESCRIPTION	Code
Collector fixing brackets kit SUSPENDED for pitch installation	5801500

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE SOLAR THERMAL SECTION

BS 2S C - BS 2S

DOUBLE COIL **DOMESTIC HOT WATER TANKS**

PRODUCT ADVANTAGES

- 9 versions from 200 to 1000 liters
- Internal surface protected by glass porcelain according to DIN 4753
- Equipped with: 8-bar safety valve, thermometer, 2 probe sockets
- Inspection flange and magnesium sacrificial anode
- Insulation in rigid expanded polyurethane up the the 1000 liters size and in flexible expanded polyurethane for larger sizes
- "C" versions completed with two-column hydraulic unit and Termosolis solar control unit
- External covering in ABS

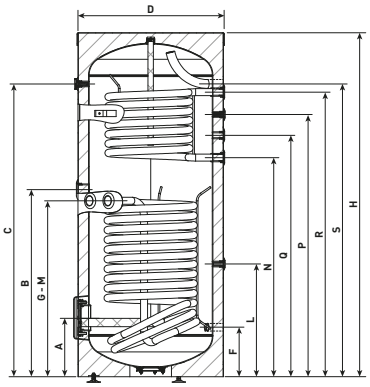
PRODUCTS

MODELS
BS 2S-C 200
BS 2S-C 300
BS 2S-C 400
BS 2S-C 500

MODELS
BS 2S 200
BS 2S 300
BS 2S 500
BS 2S 800
BS 2S 1000

DIMENSIONS

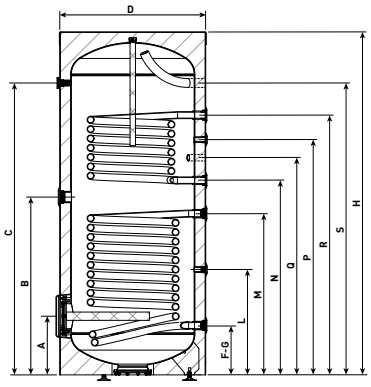
Version BS 2S-C



DIMENSIONS	C 200	C 300	C 400	C 500
A (mm)	287	287	283	283
B (mm)	629	914	900	949
C (mm)	982	1.512	1.408	1.658
F (mm)	242	242	238	238
G (mm)	579	804	846	856
L (mm)	412	523	542	642
M (mm)	579	804	846	846
N (mm)	712	979	1.053	1.077
P (mm)	894	1.209	1.261	1.285
Q (mm)	800	1.111	1.161	1.185
R (mm)	982	1.339	1.368	1.392
S (mm)	982	1.512	1.408	1.658
H (mm)	1.232	1.762	1.654	1.904
ø est (mm)	600	600	700	700

LEGEND	C 200 ÷ C 500
A ø Flange	168
B	1" 1/2
C	1/2"
F	1"
G	1"
L	1/2"
M	1"
N	1"
P	1/2"
Q	3/4"
R	1"
S	1"

Version BS 2S



DIMENSIONS	200	300	500	800	1000
A (mm)	287	287	283	460	465
B (mm)	657	864	993	954	1.160
C (mm)	982	1.512	1.658	1.373	1.733
F (mm)	242	182	178	332	337
G (mm)	242	242	238	332	337
L (mm)	422	512	575	607	694
M (mm)	602	782	913	882	1.052
N (mm)	712	942	1.073	1.026	1.268
P (mm)	847	1.112	1.230	1.201	1.443
Q (mm)	735	1.028	1.124	1.026	1.268
R (mm)	982	1.302	1.388	1.376	1.618
S (mm)	982	1.452	1.598	1.373	1.733
H (mm)	1.231	1.761	1.903	1.771	2.120
ø est (mm)	600	600	700	990	990

LEGEND	200 ÷ 300	500 ÷ 1000
A ø Flange	180	280
B	1" 1/2	1" 1/2
C	1/2"	1/2"
F	1"	1" 1/4
G	1"	1" 1/2
L	1/2"	1/2"
M	1"	1" 1/2
N	1"	1" 1/2
P	1/2"	1/2"
Q	3/4"	3/4"
R	1"	1" 1/2
S	1"	1" 1/2

TECHNICAL FEATURES

BS 2S C		**200**	**300**	**400**	**500**
Water content	l	187	283	388	443
Energy efficiency class		C	C	C	C
Upper/lower coil surface area	m^2	0,64/0,79	0,85/1,22	0,93/1,85	0,93/1,85
Insulation thickness	mm	50	50	50	50
Max working pressure	bar	8	8	8	8
Empty weight	kg	82	118	143	155

BS 2S		**200**	**300**	**500**	**800**	**1000**
Water content	l	187	283	443	763	952
Energy efficiency class		B	B	C	C	C
Upper/lower coil surface area	m^2	0,62/0,85	0,85/1,27	0,96/2,06	1,46/2,45	1,49/3,18
Insulation thickness	mm	50	50	50	70	70
Max working pressure	bar	10	10	10	8	8
Empty weight	kg	88	121	166	248	289

ACCESSORIES

DESCRIPTION	Code
Probe socket Ø 1/2" G L.95	**6317047**
Immersion electric resistance with thermostat 2500 W/220 V, 1 1/2" connection, L.390	**7502000**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE SOLAR THERMAL SECTION

BS FAST

DOUBLE COIL BUFFER TANKS WITH TUBULAR HEAT EXCHANGER IN STEEL AISI 316 FOR A RAPID **ACCUMULATION OF DOMESTIC HOT WATER**

PRODUCT ADVANTAGES

- 4 versions from 500 to 1500 liters
- Suitable for combination with different heat sources (e.g., wood-burning fireplaces, heat pumps, etc.)
- Insulation soft expanded polyurethane from 100 to 120 mm

PRODUCTS

MODELS
BS Fast 500
BS Fast 800

MODELS
BS Fast 1000
BS Fast 1500

IMPORTANT NOTES:
- It is necessary to use two optional probe sockets.
- Delivery within 20 working days from order receipt.
- Capacities above 1500 liters are available upon request.

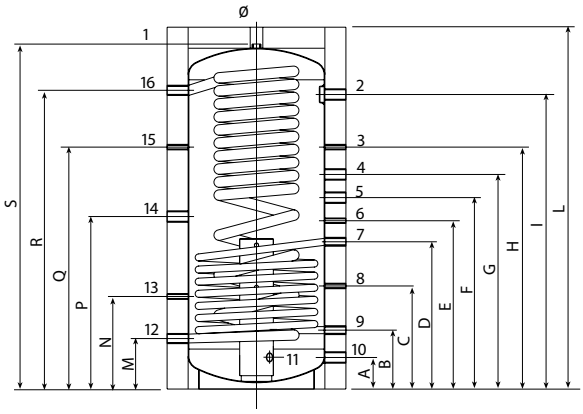
ACCESSORIES

DESCRIPTION	Code
Probe socket Ø 1/2" G L.95	**6317047**
Immersion electric resistance with thermostat 2500 W/220 V, 1 1/2" connection, L.390	**7502000**

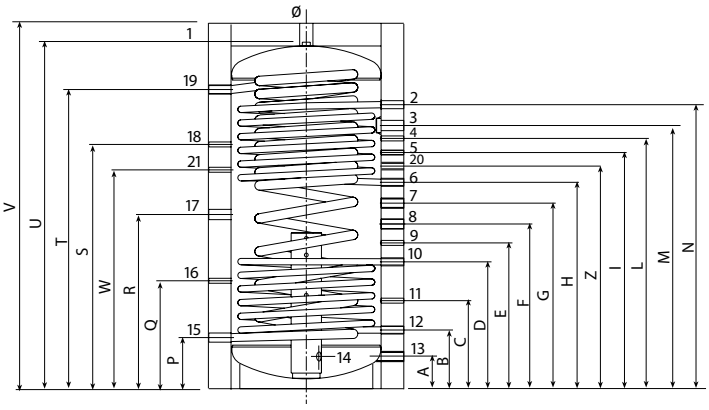
DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE SOLAR THERMAL SECTION

DIMENSIONS

Version BS FAST 500



Version BS FAST 800-1000-1500



LEGEND	500	800÷1500
1	1"	1"
2	1 1/2"	1"
3	1/2"	1 1/2"
4	1 1/2"	1/2"
5	1 1/2"	1/2"
6	1/2"	1"
7	1"	1 1/2"
8	1/2"	1 1/2"
9	1"	1/2"
10	1 1/4"	1"
11	1 1/4"	1/2"
12	1 1/4"	1"
13	1/2"	1 1/2"
14	1 1/2"	1 1/2"
15	1/2"	1 1/4"
16	1 1/4"	1/2"
17	-	1 1/2"
18	-	1/2"
19	-	1 1/4"

DIMENSIONS	500	800	1000	1500
A (mm)	150	170	170	235
B (mm)	280	310	310	375
C (mm)	490	465	495	520
D (mm)	700	670	730	765
E (mm)	800	770	840	875
F (mm)	910	870	950	975
G (mm)	1.020	980	1.060	1.085
H (mm)	1.150	1.090	1.210	1.195
I (mm)	1.400	1.190	1.330	1.415
L (mm)	1.720	1.290	1.450	1.525
M (mm)	240	1.390	1.520	1.635
N (mm)	440	1.500	1.680	1.745
P (mm)	820	270	270	335
Q (mm)	1.150	570	580	600
R (mm)	1.420	920	1.130	1.130
S (mm)	1.640	1.290	1.500	1.500
T (mm)	-	1.580	1.760	1.825
U (mm)	-	1.830	2.010	2.140
V (mm)	-	1.930	2.110	2.240
ø (mm)	850	1.030	1.030	1.240

TECHNICAL FEATURES

BS Fast		**500**	**800**	**1000**	**1500**
Water content	l	487	799	886	1.500
Energy efficiency class		C	C	C	C
Domestic hot water (DHW) coil surface area	m^2	5,7	7,2	7,2	8,5
DHW coil capacity	l	45	55	60	60
Upper/lower coil surface area	m^2	- / 2,3	2,0 / 3,0	3,0 / 3,0	3,5 / 3,0
Insulation thickness	mm (= mW/m K)	100[1] (λ=39)	120[1] (λ=34)	120[1] (λ=34)	120[1] (λ=34)
Empty weight	kg	140	225	260	358

[1] External insulation made of removable soft PU foam.

BS PUFF

TANKS FOR BUFFER ACCUMULATION IN CARBON STEEL

PRODUCT ADVANTAGES

- 7 versions from 500 to 5000 liters, equipped with a solar coil
- Suitable for combination with different heat sources (e.g., wood-burning fireplaces, heat pumps, etc.)
- Soft polyurethane foam insulation 120 mm thicknesses

PRODUCTS

MODELS
BS Puff 1S 500
BS Puff 1S 800
BS Puff 1S 1000
BS Puff 1S 1500

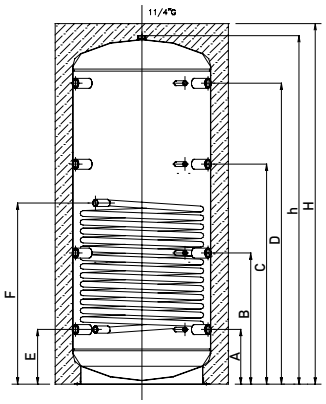
MODELS
BS Puff 1S 2000
BS Puff 1S 3000
BS Puff 1S 5000

The BS Puff HP range is available up to 1000 liters without a solar coil in the Heat Pump section.

IMPORTANT NOTES:
- It is necessary to use an optional probe socket.
- Delivery within 20 working days from order receipt.

DIMENSIONS

Version BS PUFF 1S



DIMENSIONS	500	800	1000	1500	2000	3000	5000
A (mm)	210	260	310	372	328	390	495
B (mm)	605	630	745	817	884	950	1.120
C (mm)	995	1.030	1.250	1.342	1.441	1.510	1.745
D (mm)	1.345	1.380	1.710	1.752	1.998	2.070	2.375
E (mm)	210	260	307	372	328	390	495
F (mm)	1.105	930	1.030	1.172	1.131	1.140	1.205
h (mm)	1.560	1.620	1.980	2.070	2.328	2.435	2.815
H (mm)	1.640	1.750	2.050	2.150	2.408	2.515	2.895
ø est (mm)	850	990	990	1.200	1.300	1.450	1.800

TECHNICAL FEATURES

BS Puff 1S		**500**	**800**	**1000**	**1500**	**2000**	**3000**	**5000**
Water content	l	459	730	915	1.520	1.930	3.000	5.000
Energy efficiency class		C	C	C	C	C	-	-
Insulation thickness	mm (= mW/m K)	100[1] (λ=39)	100[1] (λ=34)	100[1] (λ=34)	100[1] (λ=34)	100[1] (λ=34)	100[1] (λ=39)	100[1] (λ=39)
Max working pressureo	bar	3	3	3	3	3	3	3
Empty weight	kg	106	155	180	251	320	390	705

[1] External insulation made of removable soft PU foam..

ACCESSORIES

DESCRIPTION	**Code**
Probe socket Ø 1/2" G L.95	**6317047**
Immersion electric resistance with thermostat 2500 W/220 V, 1 1/2" connection, L.390	**7502000**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE SOLAR THERMAL SECTION

GI 2C - GI 1C

PRE-ASSEMBLED DOUBLE-COLUMN / SINGLE-COLUMN **SOLAR UNITS** WITH EPP SHELL

PRODUCT ADVANTAGES

DOUBLE-COLUMN

- Supplied with a high-efficiency circulation pump with 7-meter of head and 2-12 l/min or 8-28 l/min flow regulators
- Complete with flexible piping for connection of the expansion vessel
- Supplied with or without Termosolis control unit

SINGLE-COLUMN

- Supplied with a high-efficiency circulation pump with 7-meter of head and 2-12 l/min flow regulator
- Complete with flexible piping for connection of the expansion vessel
- Supplied with or without Termosolis control unit

PRODUCTS

MODELS
GI 2CP Termosolis
GI 2CG Termosolis
GI 2CP

MODELS
GI 2CG
GI 1CP Termosolis
GI 1CP

TECHNICAL FEATURES

GI		2CP Termosolis	2CG Termosolis	2CP	2CG	1CP Termosolis	1CP
Type		Double-column	Double-column	Double-column	Double-column	Single-column	Single-column
Flow regulator	l/min	2 - 12	8 - 28	2 - 12	8 - 28	2 - 12	2 - 12

TERMOSOLIS

SOLAR SYSTEM CONTROL UNIT FOR DOMESTIC HOT WATER PRODUCTION AND HEATING SYSTEM SUPPORT

PRODUCT ADVANTAGES

- 15 pre-set programs for various system types
- High-efficiency pump regulation, suitable for controlling solar groups with non-PWM circulators
- System protection functions
- Configurable parameters
- Graphical representation of system layouts

PRODUCTS

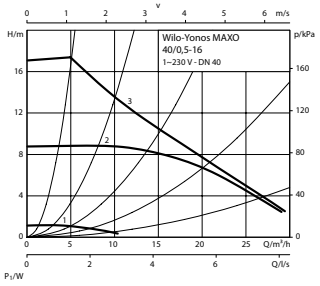
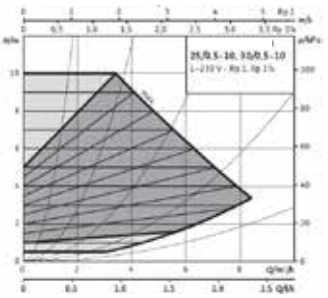
MODEL
Termosolis

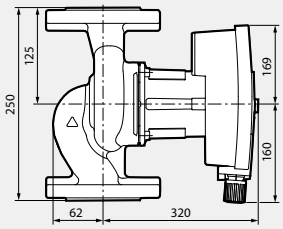
ACCESSORIES

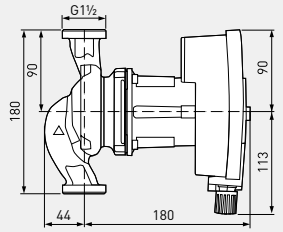
DESCRIPTION	Code
Probe for solar collector	6231392

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE SOLAR THERMAL SECTION

ACCESSORIES

DESCRIPTION		Code
WILO YONOS MAXO 40/16 Circulator - Nominal power: 0.60 kW - Absorbed power: 0.71 kW - Nominal voltage: 1~230 V 50 Hz CONNECTIONS: - Suction side: DN 40 - Pressing side: DN 40 **For large solar installations, delivery within a maximum of 40 days from order receipt**		**7502310**
WILO YONOS PARA HIGH FLOW 25/10 Circulator - Nominal power: 0.19 kW - Absorbed power: 0.19 kW - Nominal voltage: 1~230 V 50 Hz CONNECTIONS: - Suction side: DN 25 - Pressing side: DN 25 **For large solar installations, delivery within a maximum of 40 days from order receipt.**		**7502410**
Flowmeter - Accuracy: ± 2% - Max temperature: 120°C - Scale length: 150 mm - Vertical installation with upward flow - Structural frame: Painted carbon steel - Parts in contact with steel: Carbon steel AISI 316 - Measuring tube: Borosilicate glass - Seals: Viton - Float stop: PTFE	**Flowmeter FTV240 1 1/2"** L = 370 mm - Flow range: 26÷66 l/min	**7500103**
	Flowmeter FTV250 2" L = 370 mm - Flow range: 66÷166 l/min	**7500104**
	Flowmeter kit 2-12 l/min for collector battery	**8502100**





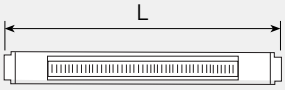
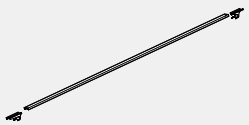
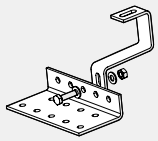
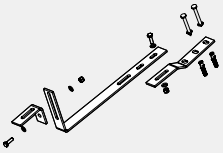
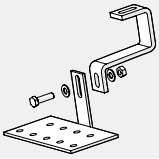
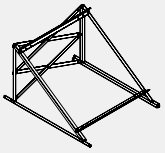
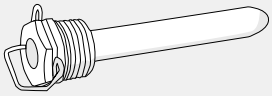
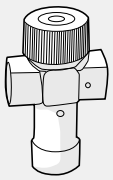


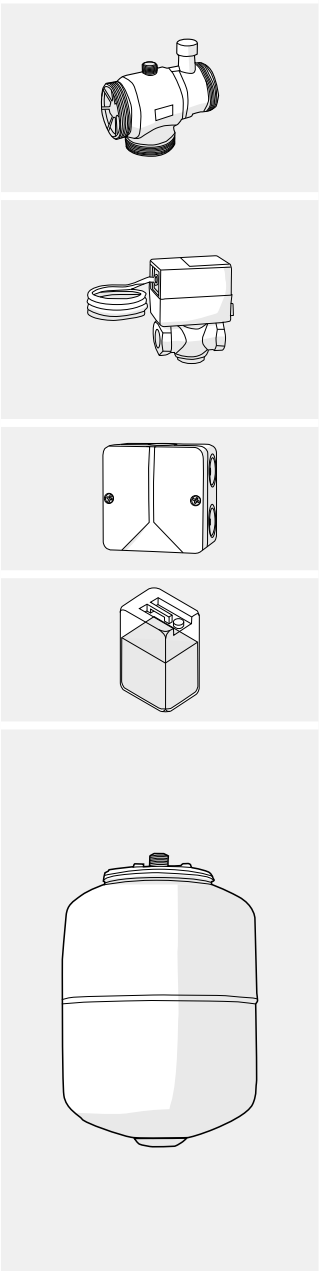
TABLE FOR CIRCULATOR AND FLOWMETER SELECTION

No. of collectors SimeSol 230	Total flow rate m³/h	GI 2CG Group	WILO YONOS PARA HIGH FLOW 25/10 cod. 7502410	WILO YONOS MAXO 40/16 cod. 7502310	Flowmeter FTV 240 cod. 7500103	Flowmeter FTV 250 cod. 7500104
10	1,0	●				
15	1,6	●			●	
20	2,1		●		●	
25	2,6		●		●	
30	2,8		●		●	
35	3,2		●		●	
40	3,7		●		●	
45	4,1		●			●
50	4,4		●			●
55	4,8		●			●
60	5,2			●		●
65	5,2			●		●
70	4,5			●		●
75	4,8			●		●
80	5,2			●		●
85	5,5			●		●
90	5,8			●		●
95	6,1			●		●
100	6,4			●		●

DESCRIPTION	Code	
SimeSol Connection Cover Kit Includes: a plastic profile to conceal the connections between two adjacent SimeSol collectors. **APPLICATION: SimeSol**	**5800600**	
Suspended Collector Mounting Bracket Kit for Suspended Roof Installation Includes: Brackets composed of elements suitable for fixing on inclined roofs with flat roof tiles/bent roof tiles. **APPLICATION: Sime Natural S, SimeSol, SimePlano**	**5801500**	
Flat Roof Tile Drilling Collector Mounting Bracket Kit for Sloped Roof Installation Includes: M12 threaded wood screw for drilling the flat roof tile, nuts, gasket, and plate. **APPLICATION: SimeSol, SimePlano**	**5801600**	
Resting Collector Mounting Bracket Kit for Sloped Roof Installation Includes: galvanized steel elements, screws, and washers. **APPLICATION: SimeSol, SimePlano**	**5801700**	
Bent Roof Tile Collector Mounting Bracket Kit for Sloped Roof Installation Includes: galvanized steel elements, screws, and washers. **APPLICATION: SimeSol, SimePlano**	**5801900**	
Solar Collector Sensor Includes: a PT1000 bulb sensor with a silicone sheath. **APPLICATION: Termosolis**	**6231392**	
Flat Roof or Ground Frame for SimeSol HRZ 182 Includes: elements for a 35° inclined truss. **APPLICATION: SimeSol HRZ 182**	**8501410**	
Probe socket Ø 1/2" G L.95 Purpose: measures water temperature with an immersion probe. Includes: a sensor well with a 1/2" gas threaded connection, 8.5 mm sensor holder, and retaining clip. **APPLICATION: BS 2S-C, BS 2S, BS Fast, BS Puff**	**6317047**	
Immersion Electric resistance with Thermostat 2500 W / 220 V, 1 1/2" Connection, L.390 Purpose: Auxiliary heating accessory for tank. **APPLICATION: BS 2S-C, BS 2S, BS Fast, BS Puff**	**7502000**	
Adjustable Thermostatic Mixing valve 1/2" Purpose: High-performance, adjustable mixer for sanitary systems, suitable for solar systems with anti-scald safety.	**8106096**	
Adjustable Thermostatic Mixing valve 3/4" Purpose: High-performance, adjustable mixer for sanitary systems, suitable for solar systems with anti-scald safety.	**8106097**	
Adjustable Thermostatic Mixing valve 1" Purpose: High-performance, adjustable mixer for sanitary systems, suitable for solar systems with anti-scald safety.	**8106098**	

SOLAR SYSTEM ACCESSORIES

DESCRIPTION	Code
Adjustable Thermostatic Mixing valve 1 1/4" High-performance, adjustable mixer for centralized sanitary systems, with recirculation connection, suitable for solar systems with anti-scald safety.	**8106099**
Adjustable Thermostatic Mixing valve 1 1/2" High-performance, adjustable mixer for centralized sanitary systems, with recirculation connection, suitable for solar systems with anti-scald safety.	**8106100**
Motorized Three-Way Diverter Valve with Spring Return 3/4" Fully brass body with a three-point control servomotor, manually operable in the event of a power failure, and equipped with four connection cables. Suitable for operation in solar thermal systems.	**8106101**
Motorized Three-Way Diverter Valve with Spring Return 1" Fully brass body with a three-point control servomotor, manually operable in the event of a power failure, and equipped with four connection cables. Suitable for operation in solar thermal systems.	**8106102**
Overvoltage Protection Module Sacrificial diode for overvoltage protection on the solar collector sensor connection to the control unit	**8106123**
Antifreeze (100% pure) 10 kg Monopropylene glycol for solar thermal systems.	**8106094**
Expansion Vessel with Nitrile Membrane, 18 Liters[1] Suitable for use in solar thermal systems. Features a robust membrane resistant to the high temperatures reached in solar circuits.	**8106070**
Expansion Vessel with Nitrile Membrane, 25 Liters[1] Suitable for use in solar thermal systems. Features a robust membrane resistant to the high temperatures reached in solar circuits.	**8106071**
Expansion Vessel with Nitrile Membrane, 40 Liters[1] Suitable for use in solar thermal systems. Features a robust membrane resistant to the high temperatures reached in solar circuits.	**8106072**
Expansion Vessel with Nitrile Membrane, 60 Liters[1] Suitable for use in solar thermal systems. Features a robust membrane resistant to the high temperatures reached in solar circuits.	**8106073**
Expansion Vessel with Nitrile Membrane, 80 Liters[1] Suitable for use in solar thermal systems. Features a robust membrane resistant to the high temperatures reached in solar circuits.	**8106074**
Expansion Vessel with Nitrile Membrane, 110 Liters[1] Suitable for use in solar thermal systems. Features a robust membrane resistant to the high temperatures reached in solar circuits.	**8106075**



[1] Pre-charge pressure: 2.5 bar - Maximum pressure: 6 bar.

HIGH POWER

- The range of high-power systems 114

HIGH-POWER WALL-HUNG BOILERS

- Murelle HE R ErP 116

MODULAR SYSTEMS

- Murelle Equipe ErP 123
- Murelle Equipe Box ErP 127

HIGH-POWER ALUMINIUM BOILERS

- Alu HE 134
- Alu Plus HE 137

HIGH-POWER STEEL BOILERS

- Simerac AR 139

ENERGY METERS

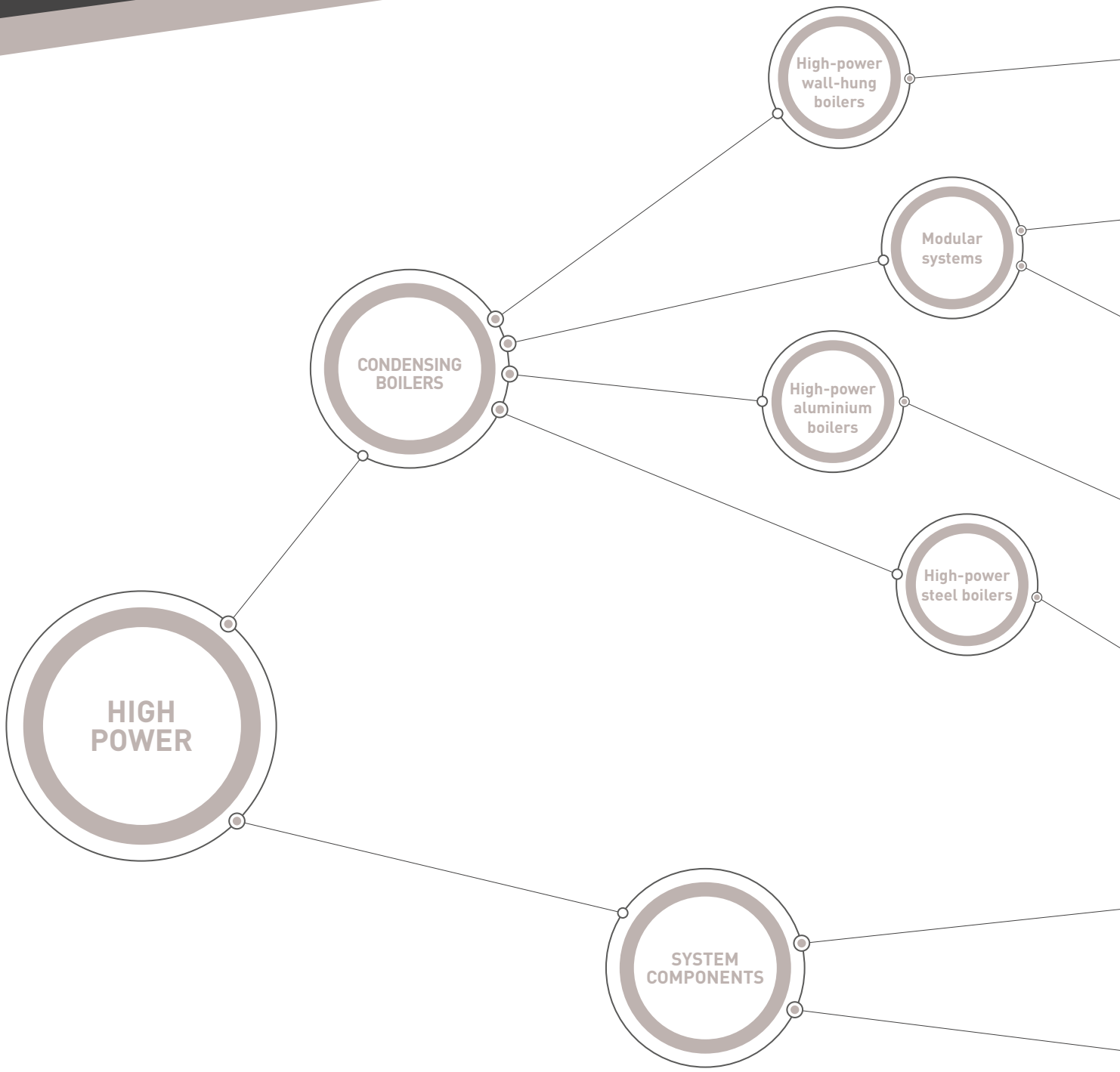
- SimeConn II 142

HEAT EXCHANGERS

- SP 144

- Accessories 147

THE RANGE OF HIGH-POWER SYSTEMS



Murelle HE R ErP

High-power wall-hung condensing boilers for heating only

Murelle Equipe ErP

Modular condensing systems

Murelle Equipe Box ErP

Modular condensing systems for outdoor installation

Alu HE - Alu Plus HE

Aluminium-silicon condensing boilers for heating only

Simerac AR

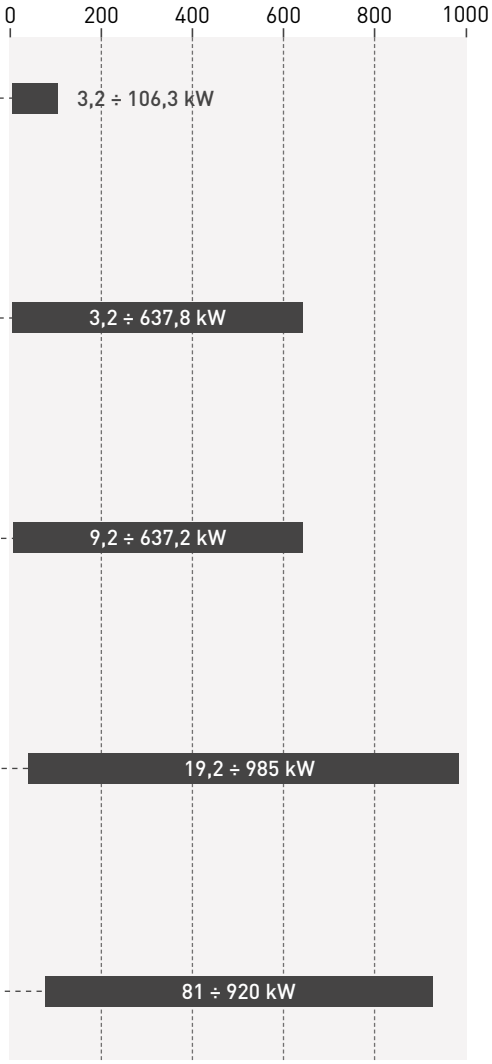
High-efficiency pressurized floor-standing steel boilers for heating only

SimeConn II

Built-in energy meters for heating, domestic hot water and cooling

SP

Plate heat exchangers: inspectable (P models) and brazed (B models)



MURELLE HE R ErP

HIGH-POWER WALL-HUNG CONDENSING BOILERS FOR HEATING ONLY

LOW NOX EMISSIONS

ELECTRICAL PROTECTION

AUTOMATIC BY-PASS

BIO METHANE 100% GREEN FLAME

INTEGRATED WEATHER COMPENSATION

CHIMNEY SWEEP FUNCTION

CASCADE MANAGEMENT

ANTIFREEZE PROTECTION TILL -5°C

THREE-CIRCUITS MANAGEMENT

MODULATING PUMP

RANGE RATED

PRODUCT ADVANTAGES

- Stainless steel coil heat exchanger
- Modulation ratio: 1:5 (versions 50-70-110) and 1:10 (version 35)
- 4 heating-only versions from 33,8 to 105,6 kW with a modulating circulator
- Integrated climate control (optional outdoor sensor)
- Manages up to three heating circuits at different temperatures and, with optional kits, a forced circulation solar thermal system and two low-temperature zones
- Optional hydraulic compensator kit and safety kit
- The 110 R version can be installed in heating systems with a working pressure up to 5 bar
- Cascade management for up to 8 boilers as standard
- Simplified system management with heat pump and solar thermal integration
- ModBus communication possible with the addition of an RS-485 board
- 0-10 Vdc input and relay alarm output

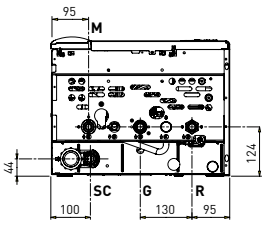
PRODUCTS

MODELS
Murelle HE 35 R ErP
Murelle HE 50 R ErP

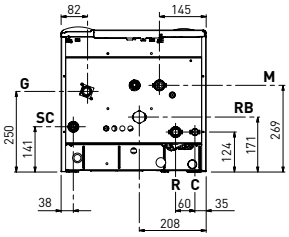
MODELS
Murelle HE 70 R ErP
Murelle HE 110 R ErP

DIMENSIONS

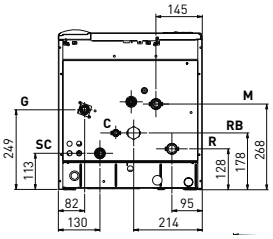
Murelle HE 35 R ErP



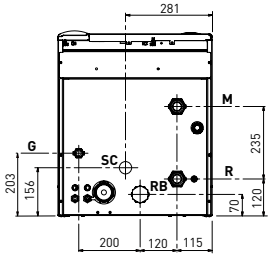
Murelle HE 50 R ErP

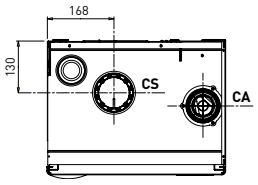


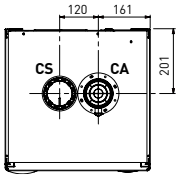
Murelle HE 70 R ErP

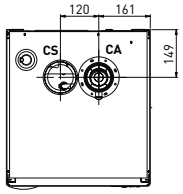


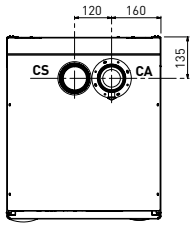
Murelle HE 110 R ErP

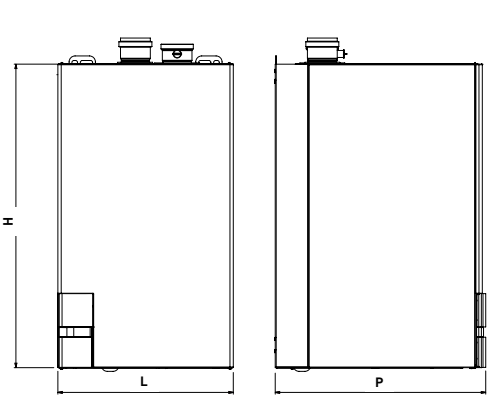












DIMENSIONS	35	50	70	110
L (mm)	450	450	450	500
L1 (mm)	-	385	385	405
P (mm)	350	440	490	600
H (mm)	700	700	700	865
H1 (mm)	-	721	721	870
K (mm)	-	15	15	18,5

LEGEND		35	50-70	110
M	Central heating flow	3/4"	1"	1 1/2"
R	System return	3/4"	1"	1 1/2"
G	Gas supply	3/4"	3/4"	3/4"
SC	Condensate drain	ø 25	ø 25	ø 25

		35	50-70	110
RB	DHW return	-	1"	1 1/2"
C	System filling	-	1/2"	-
CA	Air inlet duct	ø 80	ø 80	ø 80
CS	Outlet duct	ø 80	ø 80	ø 80

TECHNICAL FEATURES

Murelle HE R ErP		**35**	**50**	**70**	**110**
Heat output (80-60°C / 50-30°C)	kW	33,8 / 37,2	46,8 / 51,2	63,4 / 69,4	106,3 / 114,6
Minimum heat output (80-60°C / 50-30°C) (G20)	kW	3,2 / 3,7	9,3 / 10,5	13,6 / 15,3	21,1 / 23,6
Nominal heat input	kW	34,8	48,0	65,0	108,0
Minimum heat input (G20)	kW	3,48	9,6	14,0	21,6
Heating energy efficiency class		A	A	A	-
Sound power	dB(A)	56	53	69	-
Min/max useful efficiency (80-60°C)	%	92,0 - 97,1	96,9 - 97,5	97,0 - 97,5	97,7 - 98,4
Min/max useful efficiency (50-30°C)	%	106,3 - 106,8	109,0 - 106,7	109,1 - 106,7	109,1 - 106,1
Efficiency rating at 30% load	%	108,6	108,5	108,3	108,1
Losses after shutdown	W	108	76	86	126
Electrical power consumed	W	109	141	187	258
Maximum working pressure	bar	3,5	3,5	3,5	5,0
NOx emission class		6	6	6	6
Max pressure of flue collector release	Pa	180	160	150	428
Weight	kg	32	38	39	87

ACCESSORIES

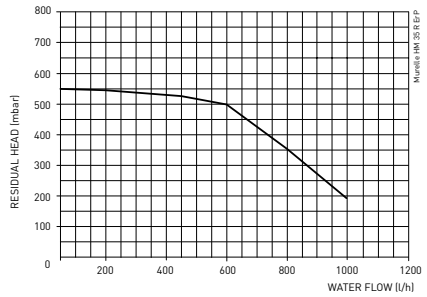
DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HIGH POWER SECTION

DESCRIPTION	Code
LPG conversion kit vers. 35 R	**5185140**
LPG conversion kit vers. 50 R	**5185152**
LPG conversion kit vers. 110 R	**5185151**
Safety Kit 50-70 R	**8101548**
Safety Kit 110 R	**8101582**
Hydraulic separator kit 35 R	**8101557**
Hydraulic separator kit 50-70 R	**6216312**
Hydraulic separator kit 110 R	**6216313**
Condensate neutralization kit	**8105300**
Condensate pump kit	**8105301**
Cond. neutralization refill kit	**8105310**
Activated carbon refill kit	**8105311**

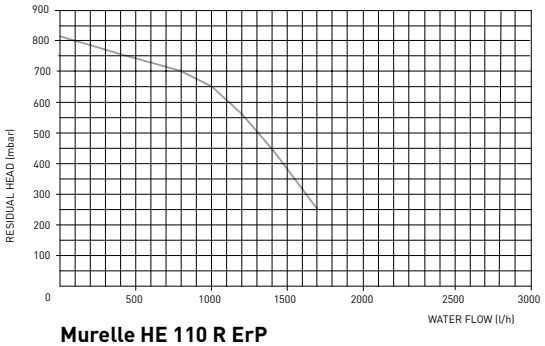
DESCRIPTION	Code
Sime Home	**8092280**
Sime Smart Plus	**8118901**
Sime Home Plus	**8092281**
Sime Linker Plus AVAILABLE SOON	**8118921**
Tank sensor with 2000 mm cable	**6231331**
Contact sensor downstream of the hydraulic separator	**6277122**
External temperature sensor	**8094101**
RS-485 ModBus communication kit	**8092278**
Mixed zone kit	**8092275**
Second mixed zone kit	**8092276**
Additional board housing kit	**8092236**
Solar thermal management kit	**8092277**

HYDRAULIC HEAD

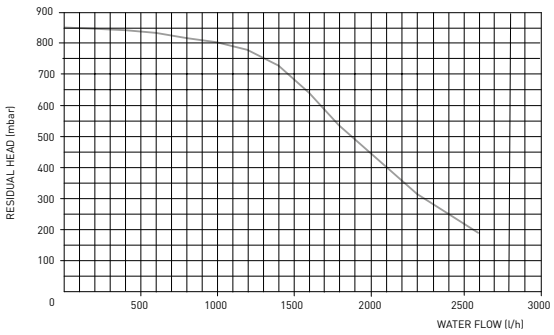
Murelle HE 35 R ErP



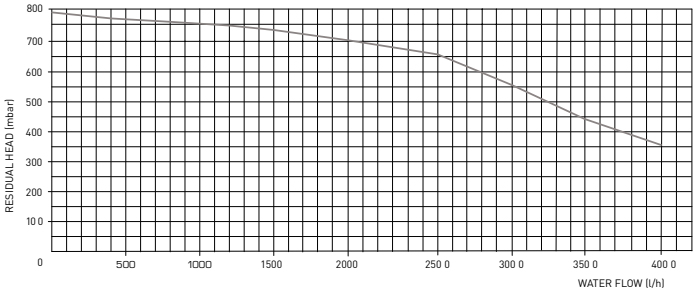
Murelle HE 50 R ErP



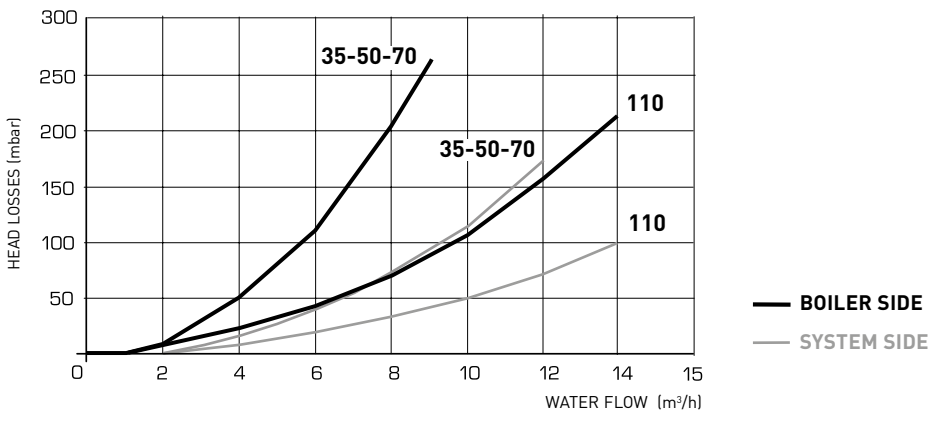
Murelle HE 70 R ErP



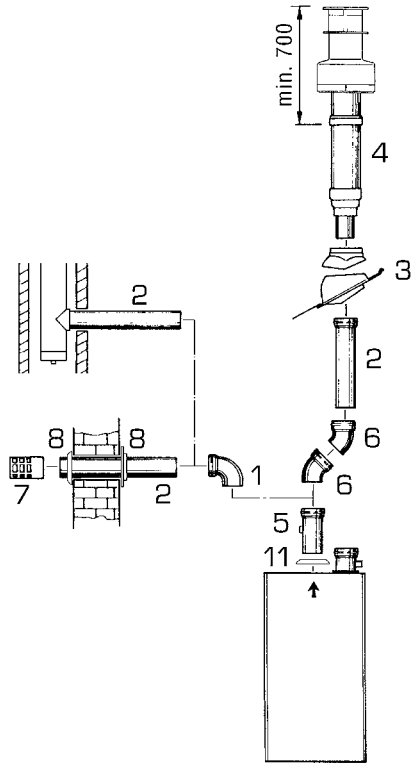
Murelle HE 110 R ErP



HEAD LOSSES OF HYDRAULIC COMPENSATOR



TYPE B - Forced Outlet ø 80

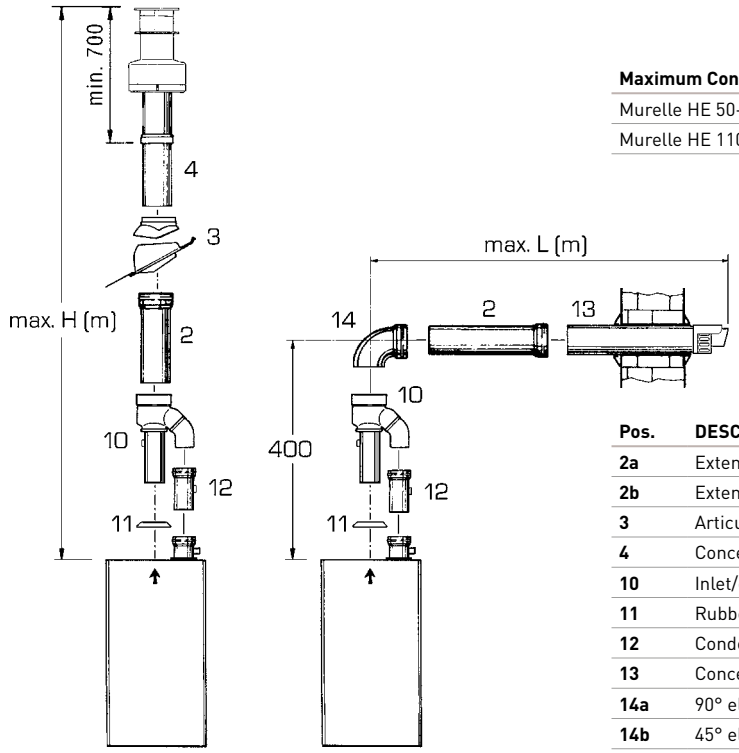


Pos.	DESCRIPTION	Code
1	90° elbow MF ø 80	8077450
2a	Extension ø 80 L.1000 (horizontal/vertical)	8077351
2b	Extension ø 80 L.500 (horizontal/vertical)	8077350
3	Articulated tile	8091300
4	Roof outlet terminal L.1381	8091204
5	Extension ø 80 L.250 with sampling point	6296513
6	45° elbow MF ø 80 (6 pieces)	8077451
7	Outlet terminal ø 80	8089501
8	Int. – Ext.ring kit ø 80	8091500
11	Rubber gasket ø 80 (included)	

Head losses separate pipes	35	50	70	110
90° elbow MF	0,40	0,80	0,80	3,00
45° elbow MF	0,25	0,40	0,40	2,00
Extension L.1000 (horizontal/vertical)	0,25	0,40	0,40	1,20
Extension L.500	–	0,20	0,20	0,60
Articulated tile	0,50	1,50	1,50	3,60
Roof outlet terminal L.1381	0,20	1,30	1,30	4,30
Extension ø 80 L.250 with sampling point	–	0,10	0,10	0,30

The total maximum length of the ø 80 outlet duct is determined by the pressure drops of the individual accessories and must not exceed: 15 mm H_2O (35 version) - 16 mm H_2O (50-70 version) - 42 mm H_2O (110 version)

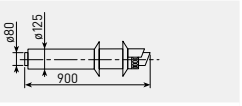
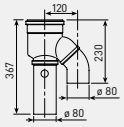
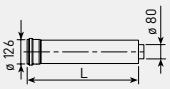
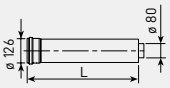
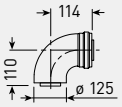
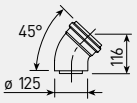
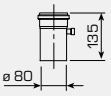
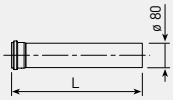
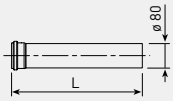
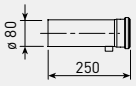
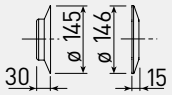
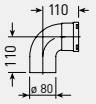
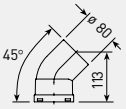
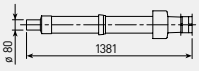
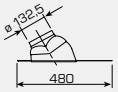
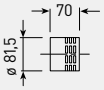
TYPE C – Concentric flue ø 80/125 (Available for Murelle HE 50 - 70 - 110 R ErP versions)



Maximum Concentric flue length	Max L	Max H
Murelle HE 50-70 R ErP	5,0 m	8,0 m
Murelle HE 110 R ErP	4,0 m	5,0 m

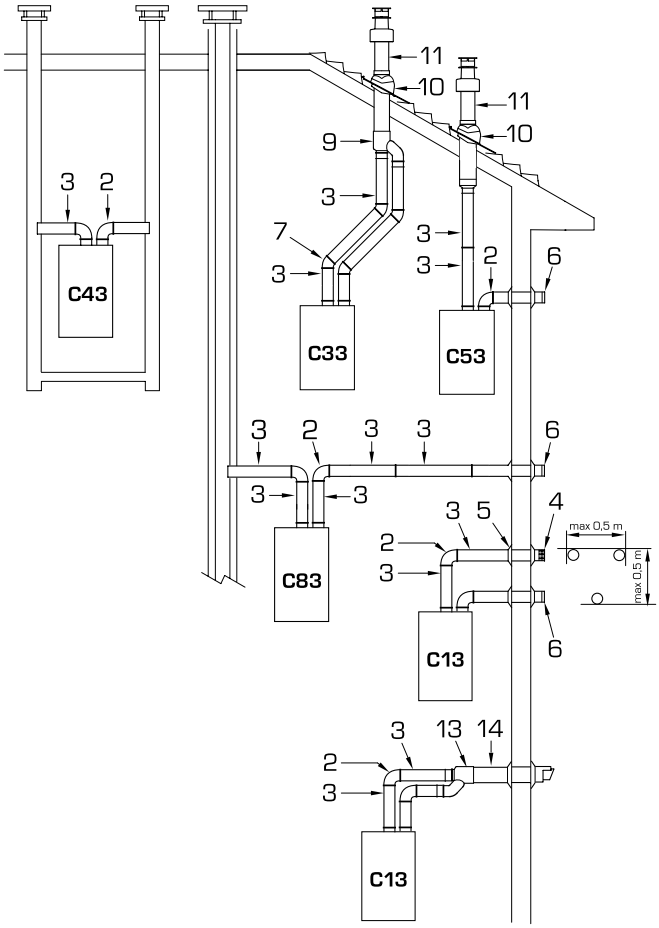
Pos.	DESCRIPTION	Code
2a	Extension ø 80/125 L.1000	8096171
2b	Extension ø 80/125 L.500	8096170
3	Articulated tile	8091300
4	Concentric roof outlet terminal	8091205
10	Inlet/outlet adapter with sampling point	8091401
11	Rubber gasket ø 80 (included)	
12	Condensate drain ø 80 L.135	8092800
13	Concentric outlet ø 80/125 L.885	8091210
14a	90° elbow ø 80/125	8095870
14b	45° elbow ø 80/125	8095970

OUTLET FLUE

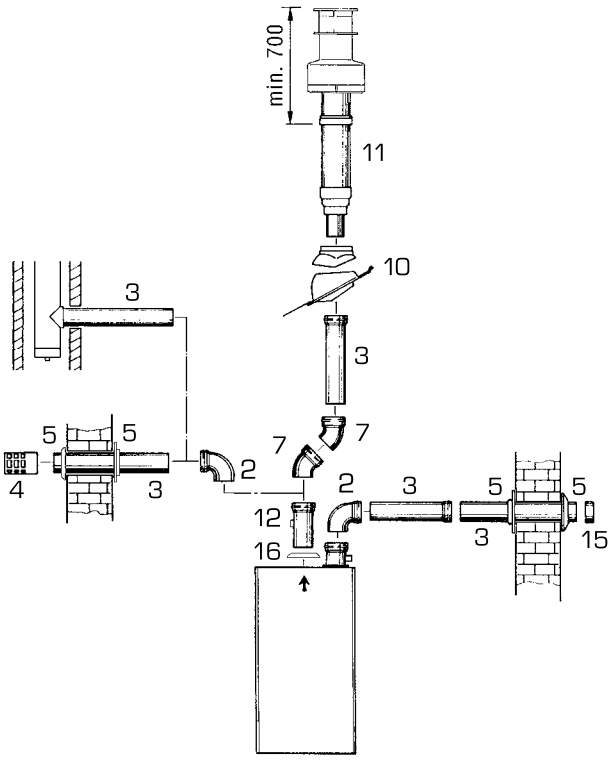
OUTLET FLUE COMPONENTS	Code	
Concentric outlet ø 80/125 L.885	**8091210**	
Polypropylene inlet/outlet adapter with sampling points	**8091401**	
Extension ø 80/125 L.1000	**8096171**	
Extension ø 80/125 L.500	**8096170**	
Additional 90° elbow ø 80/125	**8095870**	
Additional 45° elbow ø 80/125	**8095970**	
Condensate outlet L.135	**8092800**	
Extension ø 80 L.1000 in polypropylene (6 pieces)	**8077351**	
Extension ø 80 L.500 in polypropylene (6 pieces)	**8077350**	
Extension ø 80 L.250 in polypropylene	**6296513**	
Int. – Ext. ring kit ø 80 pipe	**8091500**	
90° elbow MF ø 80 (6 pieces)	**8077450**	
45° elbow MF ø 80 (6 pieces)	**8077451**	
Roof outlet terminal in polypropylene L.1381	**8091204**	
Articulated tile compatible with roof outlet terminal	**8091300**	
Outlet terminal ø 80	**8089501**	

TYPE C - Separate ducts ø 80 (HE 35 R ErP version)

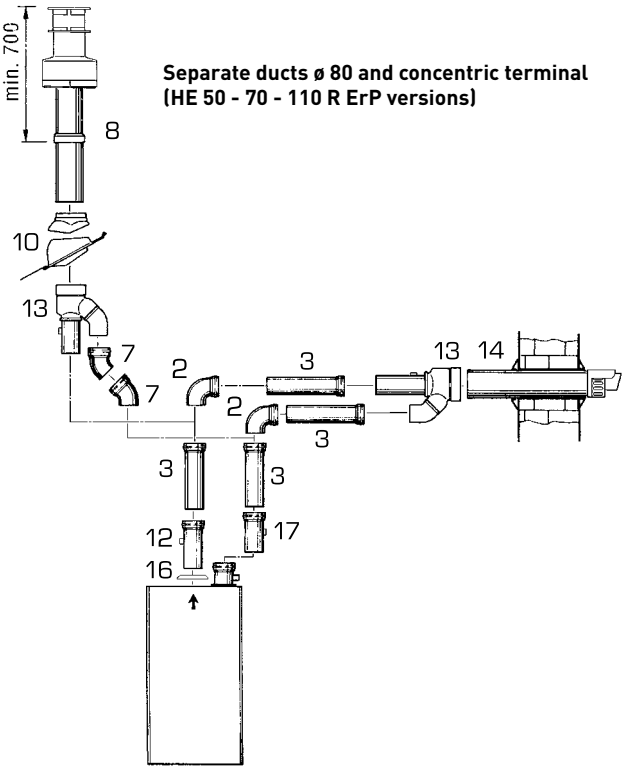
Pos.	DESCRIPTION	Code
2	90° elbow MF ø 80	**8077450**
3a	Extension ø 80 L.1000 (horizontal/vertical)	**8077351**
3b	Extension ø 80 L.500 (horizontal/vertical)	**8077350**
4	Outlet terminal	**8089501**
5	Int. – Ext. ring kit	**8091500**
6	Intake terminal	**8089500**
7	45° elbow MF	**8077451**
8	Roof outlet terminal	**8091205**
9	Manifold	**8091400**
10	Articulated tile	**8091300**
11	Roof outlet terminal L.1381	**8091204**
12	Extension L.250 with sampling point	**6296513**
13	Suction/discharge fitting	**8091401**
14	Concentric duct ø 80/125	**8091210**
15	Intake terminal (included in supply)	
16	Rubber gasket ø 80 (included in supply)	
17	Condensate outlet L.135	**8092800**



Separate ducts ø 80
(HE 50 - 70 - 110 R ErP versions)



Separate ducts ø 80 and concentric terminal
(HE 50 - 70 - 110 R ErP versions)

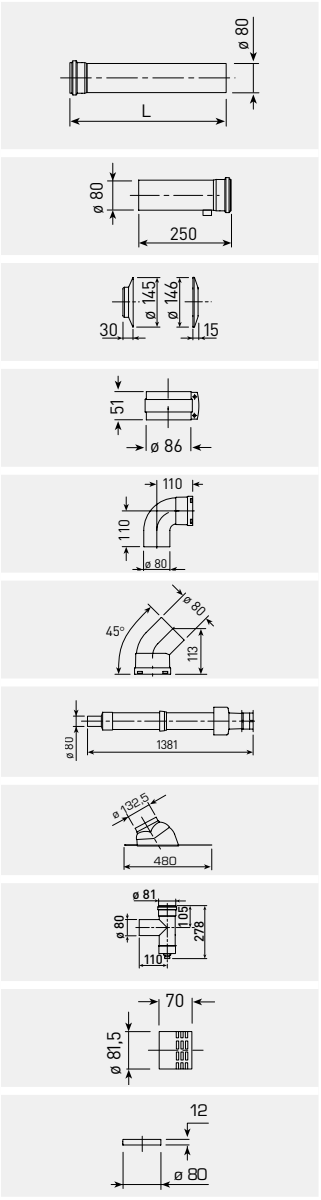


SEPARATE DUCTS

Pressure Drop of Separate Ducts Accessories (Δp mm H2O)		HE 35 R ErP max Δp total 15		HE 50-70 R ErP max Δp total 16		HE 110 R ErP max Δp total 42	
DESCRIPTION	**Code**	**Air intake**	**Outlet**	**Air intake**	**Outlet**	**Air intake**	**Outlet**
90° elbow MF ø 80	**8077450**	0,30	0,40	0,80	0,80	2,30	3,50
Extension ø 80 L.1000	**8077351**	0,25	0,25	0,35	0,45	1,40	1,40
Extension ø 80 L.500	**8077350**	–	–	0,15	0,20	0,70	0,70
Roof outlet terminal L.1381	**8091204**	1,50	0,20	–	1,30	–	5,00
Concentric roof outlet terminal L.1285 + adapter	**8091205**	–	–	–	4,00	–	16,00
Concentric outlet ø 80/125 L.885	**8091210**	–	–	–	5,00	–	17,00
Extension ø 80 L.250 with sampling point	**6296513**	–	–	–	0,10	–	0,30
Elbow ø 80 in polypropylene at 45° MF	**8077451**	0,25	0,25	0,45	0,45	1,70	2,30
Air intake terminal ø 80	**8089500**	0,15	–	0,20	–	1,80	–
Outlet terminal ø 80	**8089501**	–	0,50	–	1,50	–	4,00
Condensate outlet ø 80 L.135	**8092800**	–	–	1,80	–	5,80	–

WARNING: The total maximum length is determined by the Δp of each installed accessory and must not exceed the total Δp of the boiler.

SEPARATE DUCTS	**Code**
Extension ø 80 L.1000 in polypropylene (6 pieces)	**8077351**
Extension ø 80 L.500 in polypropylene (6 pieces)	**8077350**
Extension ø 80 L.250 in polypropylene	**6296513**
Int. – Ext. ring kit for ø 80 pipe	**8091500**
Clamp connection kit for extensions and elbow ø 80 (5 pieces)	**8092700**
90° elbow MF ø 80 (6 pieces)	**8077450**
45° elbow MF ø 80 (6 pieces)	**8077451**
Roof outlet terminal in polypropylene L.1381	**8091204**
Articulated tile compatible with the roof outlet terminal	**8091300**
Tee condensate outlet ø 80	**8093310**
Outlet terminal ø 80	**8089501**
Intake terminal ø 80	**8089500**



MURELLE EQUIPE ErP

MODULAR CONDENSING SYSTEMS
FOR HEATING ONLY

LOW NOX EMISSIONS

ELECTRICAL PROTECTION

BIO METHANE 100% GREEN FLAME

INTEGRATED WEATHER COMPENSATION

CHIMNEY SWEEP FUNCTION

ANTIFREEZE PROTECTION TILL -5°C

THREE-CIRCUITS MANAGEMENT

RANGE RATED

PRODUCT FEATURES

- Stainless steel coil heat exchangers
- 11 versions available from 67,6 kW to 633,6 kW
- The system includes: hydraulic manifolds, gas manifold, exhaust manifold, condensate drain, cascade management board with outdoor sensor, and mounting frame
- Management of a forced circulation solar thermal system and up to three zones (two mixed) via optional kits
- Domestic hot water production possible with a dedicated module or a storage tank downstream of the hydraulic separator
- Optional reversible hydraulic separator kit and safety kit
- Models from 220 to 660 can be installed in systems with working pressure up to 5 bar
- ModBus communication available with RS-485 interface module
- 0-10 Vdc input and relay alarm output

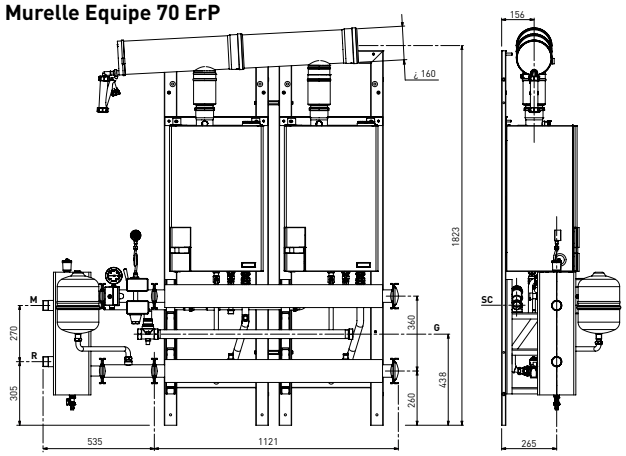
PRODUCTS

MODELS
Murelle Equipe 70 ErP
Murelle Equipe 100 ErP
Murelle Equipe 140 ErP
Murelle Equipe 150 ErP
Murelle Equipe 220 ErP
Murelle Equipe 280 ErP

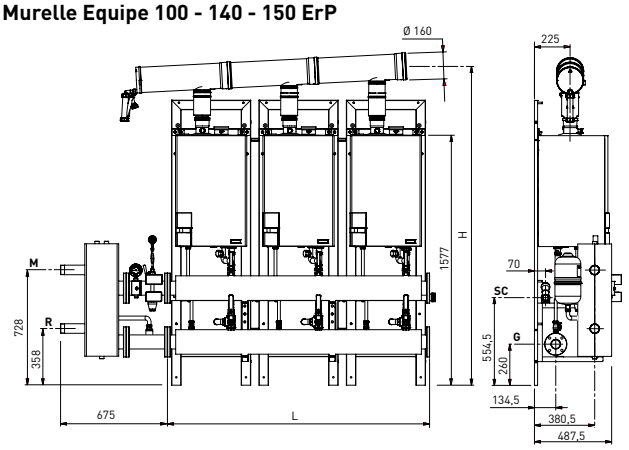
MODELS
Murelle Equipe 330 ErP
Murelle Equipe 370 ErP
Murelle Equipe 440 ErP
Murelle Equipe 550 ErP
Murelle Equipe 660 ErP

DIMENSIONS

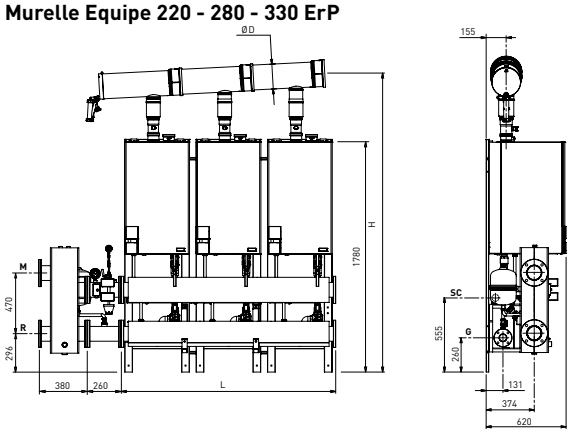
Murelle Equipe 70 ErP



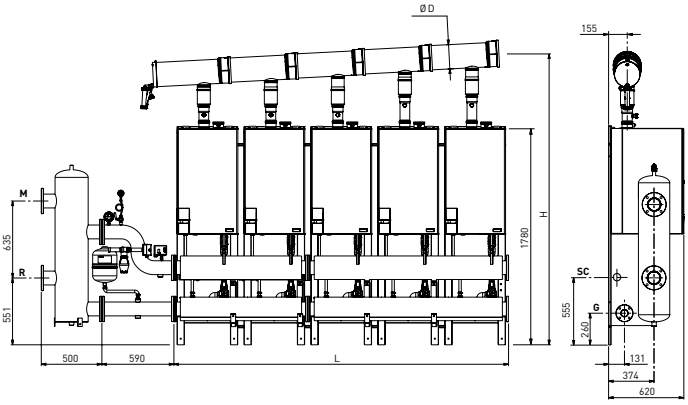
Murelle Equipe 100 - 140 - 150 ErP



Murelle Equipe 220 - 280 - 330 ErP



Murelle Equipe 370 - 440 - 550 - 660 ErP



LEGEND		70	100	140	150	220	280	330	370	440	550	660
R	Central Heating return	1 1/2"	2"	2"	2"	Flange PN6 - DN 100			Flange PN6 - DN 100			
M	Central Heating flow	1 1/2"	2"	2"	2"	Flange PN6 - DN 100			Flange PN6 - DN 100			
G	Gas supply	1 1/4"	Flange PN6 - DN 50			Flange PN6 - DN 50			Flange PN6 - DN 50			
SC	Condensate discharge	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40
L	(mm)	-	1.104	1.104	1.656	1.104	1.656	1.656	2.208	2.208	2.760	3.314
H	(mm)	-	1.984	1.984	2.013	2.292	2.326	2.326	2.360	2.360	2.394	2.428
P	(mm)	-	225	175	225	-	-	-	-	-	-	-
D	(mm)	-	-	-	-	200	200	200	200	200	200	250

ACCESSORIES

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HIGH POWER SECTION

DESCRIPTION	Code
Safety kit for version 70 ErP	**8101543**
Safety kit for versions 100-140-150 ErP	**8101544**
Safety kit for versions 220-280-330 ErP	**8101545**
Safety kit for versions 370-440-550 ErP	**8101546**
Safety kit for version 660 ErP	**8101549**
Hydraulic separator kit for version 70 ErP	**8101556**
Hydraulic separator kit for versions 100-140-150 ErP	**8101550**
Hydraulic separator kit for versions 220-280-330 ErP	**8101552**
Hydraulic separator kit for versions 370-440-550-660 ErP	**8101553**
Condensate neutralization kit[1]	**8105300**
Condensate pump kit	**8105301**
Condensate neutralization refill kit	**8105310**
Activated carbon recharge kit	**8105311**

DESCRIPTION	Code
Sime Home	**8092280**
Sime Smart Plus	**8118901**
Sime Home Plus	**8092281**
Sime Linker Plus AVAILABLE SOON	**8118921**
RS-485 ModBus communication kit	**8092278**
DHW tank sensor with 2m cable	**6231331**
Mixed zone kit	**8092275**
Second mixed zone kit	**8092276**
PCB housing kit	**8092236**
Forced circulation solar thermal system management kit	**8092277**
Free-standing frame kit for central installation and opposite-positioned boilers (1 kit per generator required)	**8101513**

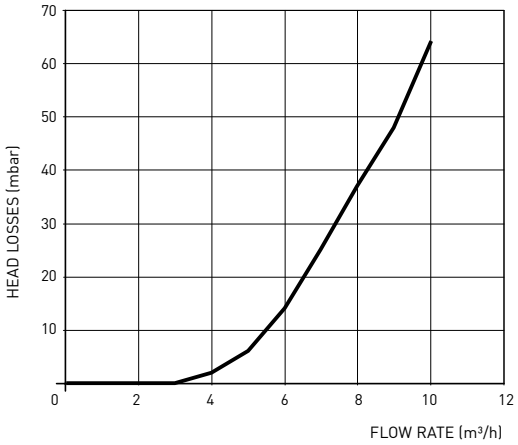
[1] Mandatory kit for versions with power outputs above 200 kW.

TECHNICAL FEATURES

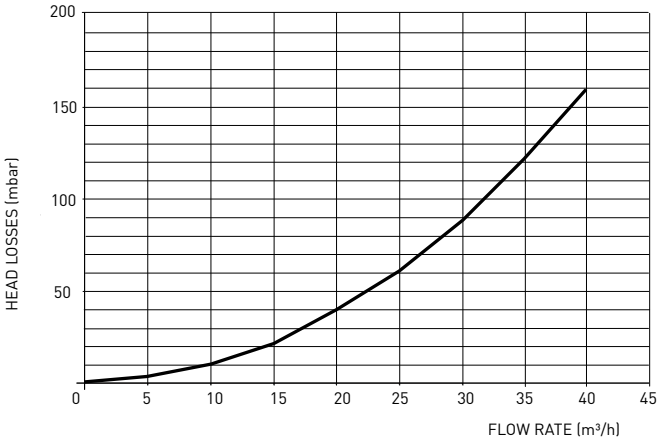
Murelle Equipe ErP		**70**	**100**	**140**	**150**	**220**	**280**
Nominal Heat output (80-60°C)	kW	67,6 (2x33,8)	93,6 (2x46,8)	126,8 (2x63,4)	140,4 (3x46,8)	212,6 (2x106,3)	271,5 (3x90,5)
Nominal Heat output (50-30°C)	kW	74,4 (2x37,2)	102,4 (2x51,2)	138,8 (2x69,4)	153,6 (3x51,2)	229,2 (2x114,6)	294,3 (3x98,1)
Minimum Heat output G20 (80-60°C)	kW	3,2	9,3	13,6	9,3	21,1	21,1
Minimum Heat output G20 (50-30°C)	kW	3,7	10,5	15,3	10,5	23,6	23,6
Nominal heat input	kW	69,6 (2x34,8)	96,0 (2x48,0)	130,0 (2x65,0)	144,0 (3x48,0)	216,0 (2x108,0)	277,5 (3x92,5)
Minimum heat input G20	kW	3,48	9,6	14,0	9,6	21,6	21,6
Heating energy efficiency class		A	-	-	-	-	-
Sound power of the heating system	dB(A)	58	-	-	-	-	-
Min/max useful efficiency (80-60°C)	%	92,0 - 97,2	96,9 - 97,5	97,0 - 97,5	96,9 - 97,5	97,7 - 98,4	97,7 - 97,8
Min/max useful efficiency (50-30°C)	%	106,3 - 106,8	109,0 - 106,7	109,1 - 106,7	109,0 - 106,7	109,1 - 106,1	109,1 - 106,1
Efficiency at 30% load	%	108,6	108,6	108,3	108,5	108,1	108,1
Absorbed electrical power	W	216 (2x108)	282 (2x141)	374 (2x187)	423 (3x141)	516 (2x258)	735 (3x245)
NOx class		6	6	6	6	6	6
Type		B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83
Generators	**n°**	**2x35**	**2x50**	**2x70**	**3x50**	**2x110**	**3x92,5**
Max pressure of flue collector release	Pa	180	160	148	160	375	375
Maximum working pressure	bar	3,5	3,5	3,5	3,5	5	5
Weight	kg	160	210	227	280	350	420

Murelle Equipe ErP		**330**	**370**	**440**	**550**	**660**
Nominal Heat output (80-60°C)	kW	318,9 (3x106,3)	362,0 (4x90,5)	425,2 (4x106,3)	531,5 (5x106,3)	637,8 (6x106,3)
Nominal Heat output (50-30°C)	kW	343,8 (3x114,6)	392,4 (4x98,1)	458,4 (4x114,6)	573,0 (5x114,6)	687,6 (6x114,6)
Minimum Heat output G20 (80-60°C)	kW	21,1	21,1	21,1	21,1	21,1
Minimum Heat output G20 (50-30°C)	kW	23,6	23,6	23,6	23,6	23,6
Nominal heat input	kW	324,0 (3x108,0)	370,0 (4x92,5)	432,0 (4x108,0)	540,0 (5x108,0)	648,0 (6x108,0)
Minimum heat input G20	kW	21,6	21,6	21,6	21,6	21,6
Heating energy efficiency class		-	-	-	-	-
Sound power of the heating system	dB(A)	-	-	-	-	-
Min/max useful efficiency (80-60°C)	%	97,7 - 98,4	97,7 - 97,8	97,7 - 98,4	97,7 - 98,4	97,7 - 98,4
Min/max useful efficiency (50-30°C)	%	109,1 - 106,1	109,1 - 106,1	109,1 - 106,1	109,1 - 106,1	109,1 - 106,1
Efficiency at 30% load	%	108,1	108,1	108,1	108,1	108,1
Absorbed electrical power	W	774 (3x258)	980 (4x245)	1.032 (4x258)	1.290 (5x258)	1.548 (6x258)
NOx class		6	6	6	6	6
Type		B23-53 / B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83	B23-53 / B23P-53P C13-33-43-53-83
Generators	**n°**	**3x110**	**4x92,5**	**4x110**	**5x110**	**6x110**
Max pressure of flue collector release	Pa	375	375	375	375	375
Maximum working pressure	bar	5	5	5	5	5
Weight	kg	506	572	596	734	836

HYDRAULIC COMPENSATOR HEAD LOSSES



Murelle Equipe 70 - 100 - 140 - 150 ErP



Murelle Equipe 220 - 280 - 330 - 370 - 440 - 550 - 660 ErP

AVAILABLE HEAD UPSTREAM OF THE SEPARATOR

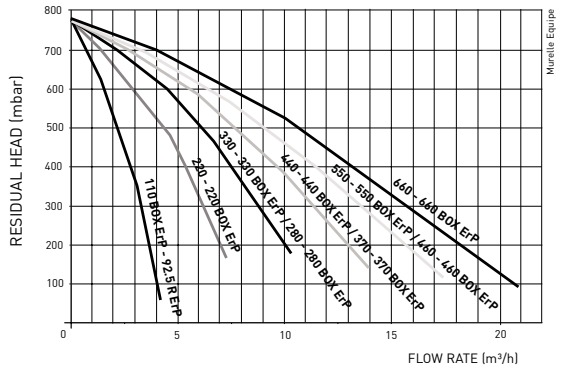
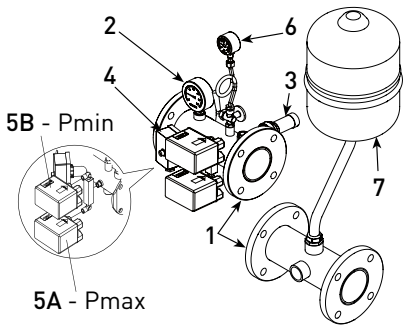


TABLE FOR SELECTING HYDRAULIC COMPENSATOR BASED ON SYSTEM SIDE Δt

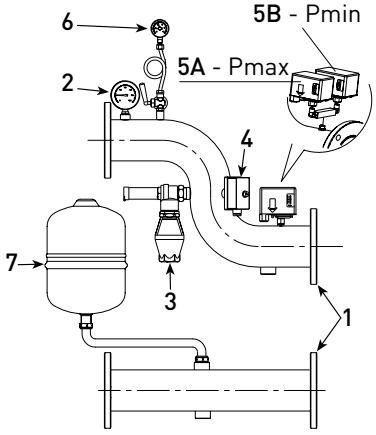
MODEL	Cod. hydraulic compensator 8101553 Δt (°K)	8101552 Δt (°K)
Murelle Equipe 660 ErP	16	-
Murelle Equipe 550 ErP	13	-
Murelle Equipe 370-440 ErP	10	20
Murelle Equipe 280-330 ErP	8	15
Murelle Equipe 220 ErP	5	10
Murelle Equipe 110 ErP	-	5

MODEL	Cod. hydraulic compensator 8101551 Δt (°K)	8101550 Δt (°K)
Murelle Equipe 150 ErP	10	15
Murelle Equipe 140 ErP	9	14
Murelle Equipe 100 ErP	7	10
Murelle Equipe 70 ErP	4	5

Murelle Equipe 70 - 100 - 140 - 150
220 - 280 - 330 ErP



Murelle Equipe 370 - 440 - 550 - 660 ErP



SAFETY KIT COMPONENTS	
1	Flanged pipe sections for system supply/return
2	Thermometer 0-120°C
3	Safety valve [1] and discharge funnel
4	Safety thermostat 100°C
5A	Maximum water pressure switch – Pmax [2]
5B	Minimum water pressure switch - Pmin[3]
6	Pressure gauge 0-6 bar (versions 70-150) and 0-10 bar (versions 220-660) with tap and fitting
7	8-liter expansion vessel and connection pipe

[1] For safety kit code 8101543/44: set pressure 3 BAR.
For safety kit code 8101545/46/49: set pressure 4.5 BAR.
[2] For safety kit code 8101543/44: Pmax setting 3 BAR.
For safety kit code 8101545/46/49: Pmax setting 5 BAR.
[3] Pmin setting: 0.9 BAR.

MURELLE EQUIPE BOX ErP

MODULAR CONDENSING SYSTEMS
FOR OUTDOOR INSTALLATION

LOW NOX EMISSIONS

ELECTRICAL PROTECTION

INTEGRATED WEATHER COMPENSATION

CHIMNEY SWEEP FUNCTION

ANTIFREEZE PROTECTION TILL -5°C

THREE-CIRCUITS MANAGEMENT

RANGE RATED

PRODUCT HIGHLIGHTS

- Suitable for outdoor installation thanks to a galvanized steel, pre-painted, and insulated steel cabinet resistant to atmospheric agents
- 13 versions ranging from 46,7 to 632,4 kW
- The system includes: hydraulic manifolds, gas manifold, condensate drain and cascade management board with outdoor sensor
- Management of a forced circulation solar system and up to three zones (two mixed) through optional kits
- Reversible hydraulic compensator kit and safety kits available as options
- Versions from 220 to 660 can be installed in systems with an working pressure of up to 5 bar
- ModBus communication with the addition of an RS-485 board
- 0-10 Vdc input and relay alarm output
- Exhaust manifold upon request

PRODUCTS

MODELS
Murelle 50 Box ErP[1]
Murelle 70 Box ErP[1]
Murelle Equipe 100 Box ErP
Murelle Equipe 140 Box ErP
Murelle Equipe 150 Box ErP
Murelle 110 Box ErP[1]
Murelle Equipe 220 Box ErP
Murelle Equipe 280 Box ErP
Murelle Equipe 330 Box ErP
Murelle Equipe 370 Box ErP

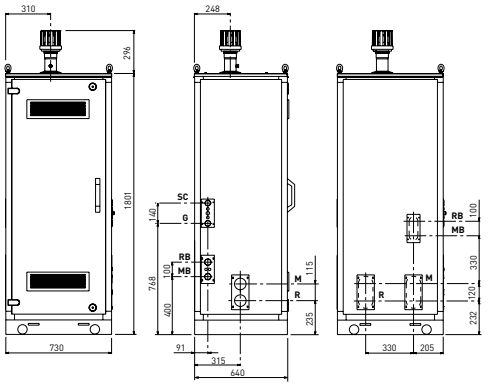
[1] Hydraulic compensator and safety kit included in the supply.

MODELS
Murelle Equipe 440 Box ErP
Murelle Equipe 550 Box ErP
Murelle Equipe 660 Box ErP
Murelle Equipe 100 Box ErP (not-insulated)
Murelle Equipe 150 Box ErP (not-insulated)
Murelle Equipe 220 Box ErP (not-insulated)
Murelle Equipe 330 Box ErP (not-insulated)
Murelle Equipe 440 Box ErP (not-insulated)
Murelle Equipe 550 Box ErP (not-insulated)

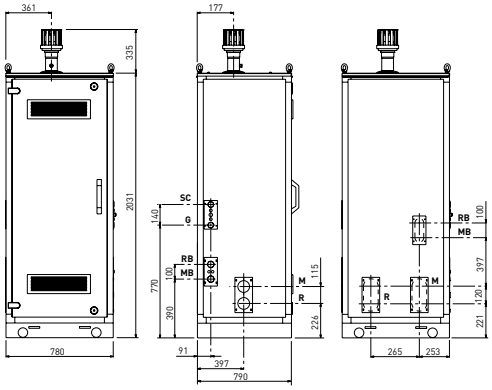
Attention:
- In order to function on LPG, see the accessories at page 122.

DIMENSIONS

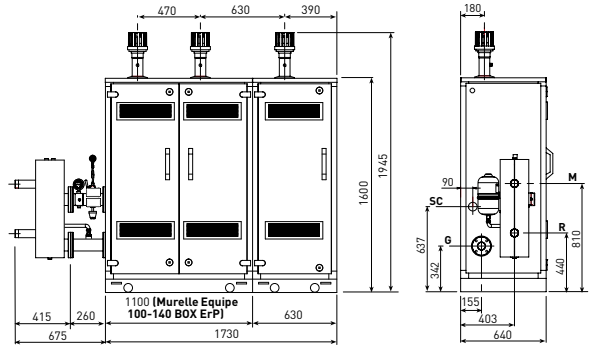
Murelle Box 50 - 70 ErP



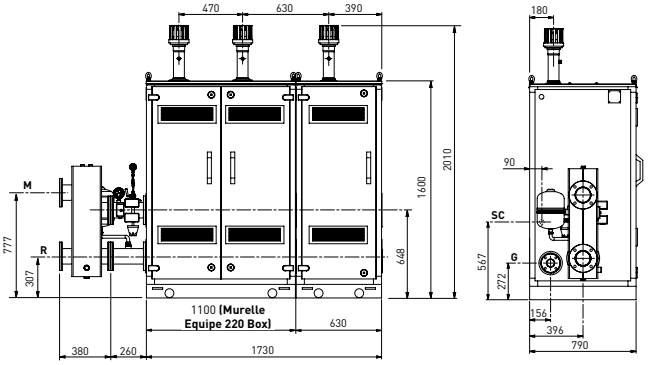
Murelle Box 110 ErP



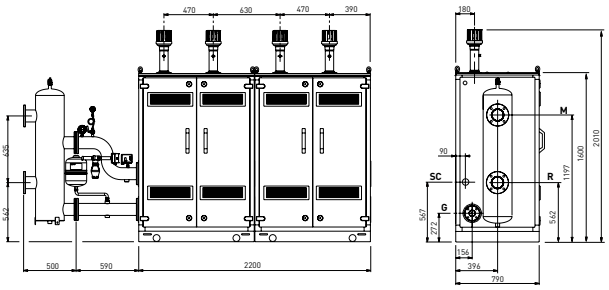
Murelle Equipe 100 - 140 - 150 Box ErP



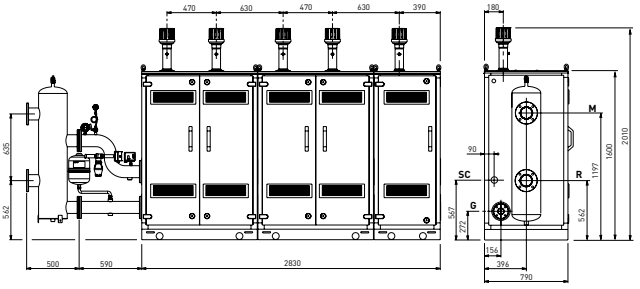
Murelle Equipe 220 - 280 - 330 Box ErP



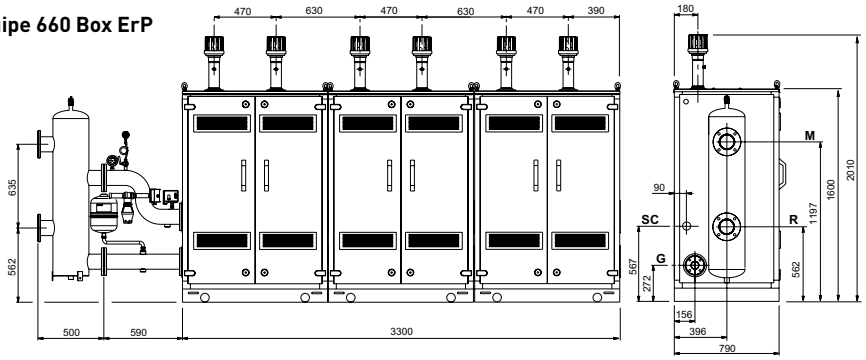
Murelle Equipe 370 - 440 Box ErP



Murelle Equipe 550 Box ErP



Murelle Equipe 660 Box ErP



LEGEND		50	70	100	110	140	150	220	280	330	370	440	550	660
R	Central heating Return	2"	2"	2"	2"	2"	2"	Flange PN6 - DN 100			Flange PN6 - DN 100			
M	Central heating Flow	2"	2"	2"	2"	2"	2"	Flange PN6 - DN 100			Flange PN6 - DN 100			
G	Gas Supply	Flange PN6 - DN 50			3/4"	Flange PN6 - DN 50		Flange PN6 - DN 50			Flange PN6 - DN 50			
SC	Condensate Drain	ø 40	ø 40	ø 40	ø 25	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40	ø 40
MB	DHW tank flow	-	-	-	1"	-	-	-	-	-	-	-	-	-
RB	DHW tank return	-	-	-	1 1/2"	-	-	-	-	-	-	-	-	-

TECHNICAL FEATURES

Murelle Equipe Box ErP		**50**	**70**	**100**	**140**	**150**	**110**	**220**
Nominal Heat output (80-60°C)	kW	46,7	63,2	93,4	126,5	140,1	105,4	212,4
Nominal Heat output (50-30°C)	kW	51,0	68,1	102,0	136,2	153,0	112,6	225,2
Minimum Heat output G20 (80-60°C)	kW	9,2	13,4	9,2	13,4	9,2	20,8	20,8
Minimum Heat output G20 (50-30°C)	kW	10,5	15,0	10,5	15,0	10,5	23,6	23,6
Nominal heat input	kW	48,0	65,0	96,0	130,0	144,0	108,0	216,0
Minimum heat input G20	kW	9,6	14,0	9,6	14,0	9,6	21,6	21,6
Energy efficiency class (heating)				-	-	-	-	-
Sound power of the heating system	dB(A)	52	65	-	-	-	-	-
Thermal efficiency min/max (80-60°C)	%	96,1 - 97,3	95,7 - 97,3	96,1 - 97,3	95,7 - 97,3	96,1 - 97,3	96,4 - 97,6	96,4 - 98,3
Thermal efficiency min/max (50-30°C)	%	109,0 - 106,2	107,4 -104,8	109,0 - 106,2	107,4 - 104,8	109,0 - 106,2	107,4 - 104,2	107,4 - 104,2
Useful thermal efficiency at 30% load	%	108,6	108,1	108,5	108,1	108,5	105,4	105,4
Power consumption	W	141	186	282 (2x141)	372 (2x186)	423 (3x141)	258	516 (2x258)
NOx class		6	6	6	6	6	6	6
Type		B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P
Generators	**n°**	**1x50**	**1x70**	**2x50**	**2x70**	**3x50**	**1x110**	**2x110**
Max pressure of collector release	Pa	100	100	100	100	100	375	375
Max pressure for independent flue collector	Pa	100	100	100	100	100	428	428
Max working pressure (bar)	bar	3,5	3,5	3,5	3,5	3,5	5	5
Weight	kg	148	155	233	247	381	235	380

Murelle Equipe Box ErP		**280**	**330**	**370**	**440**	**550**	**660**
Nominal Heat output (80-60°C)	kW	270,8	318,6	361,1	424,8	531,0	637,2
Nominal Heat output (50-30°C)	kW	289,2	337,8	385,6	454,0	563,0	675,6
Minimum Heat output G20 (80-60°C)	kW	20,8	20,8	20,8	20,8	20,8	20,8
Minimum Heat output G20 (50-30°C)	kW	23,6	23,6	23,6	23,6	23,6	23,2
Nominal heat input	kW	277,5	326,0	330,0	432,0	540,0	648,0
Minimum heat input G20	kW	21,6	21,6	21,6	21,6	21,6	21,6
Energy efficiency class (heating)		-	-	-	-	-	-
Sound power of the heating system	dB(A)	-	-	-	-	-	-
Thermal efficiency min/max (80-60°C)	%	96,4 - 97,6	96,4 - 98,3	96,4 - 97,6	96,4 - 98,3	96,4 - 98,3	96,4 - 98,3
Thermal efficiency min/max (50-30°C)	%	107,4 - 104,2	107,4 - 104,2	107,4 - 104,2	107,4 - 104,2	107,4 - 104,2	107,4 - 104,2
Useful thermal efficiency at 30% load	%	105,4	105,4	105,4	105,4	105,4	105,4
Power consumption	W	738 (3x246)	774 (3x258)	984 (4x246)	1.032 (4x258)	1.290 (5x258)	1.548 (6x258)
NOx class		6	6	6	6	6	6
Type		B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P	B23-53 B23P-53P
Generators	**n°**	**3x92,5**	**3x110**	**4x92,5**	**4x110**	**5x110**	**6x110**
Max pressure of collector release	Pa	375	375	375	375	375	375
Max pressure for independent flue collector	Pa	428	428	428	428	428	428
Max working pressure (bar)	bar	5	5	5	5	5	5
Weight	kg	615	615	760	760	995	1.140

ACCESSORIES

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HIGH POWER SECTION

DESCRIPTION	Code
Safety kit for versions 100-140-150 Box ErP	**8101544**
Safety kit for versions 220-280-330 Box ErP	**8101545**
Safety kit for versions 370-440-550 Box ErP	**8101546**
Safety kit for version 660 Box ErP	**8101549**
Hydraulic compensator kit for versions 100-140-150 Box ErP	**8101550**
Hydraulic compensator kit for versions 220-280-330 Box ErP	**8101552**
Hydraulic compensator kit for versions 370-440-550-660 Box ErP	**8101553**
Single box for hydraulic separator and safety kit[1]	**8101517**
Double box for hydraulic separator and safety kit[1]	**8101518**
Single box for hydraulic separator and safety kit[2]	**8101526**
Double box for hydraulic separator and safety kit[3]	**8101527**
Condensate neutralization kit[4]	**8105300**
Condensate neutralization pump kit	**8105301**
Condensate neutralization refill kit	**8105310**

DESCRIPTION	Code
Activated carbon refill kit	**8105311**
Sime Home	**8092280**
Sime Smart Plus	**8118901**
Sime Home Plus	**8092281**
Sime Linker Plus AVAILABLE SOON	**8118921**
RS-485 kit for ModBus communication	**8092278**
DHW cylinder sensor with cable L=2000	**6231331**
Mixed zone kit	**8092275**
Second mixed zone kit	**8092276**
PCB housing kit	**8092236**
Solar thermal system management kit	**8092277**

[1] For versions Murelle Equipe 100-140-150 Box ErP.
[2] For versions Murelle Equipe 220-280-330 Box ErP.
[3] For versions Murelle Equipe 220-280-330-370-440-550-660 Box ErP.
[4] Mandatory kit for versions with power exceeding 200 kW.

HYDRAULIC HEAD UPSTREAM OF THE SEPARATOR

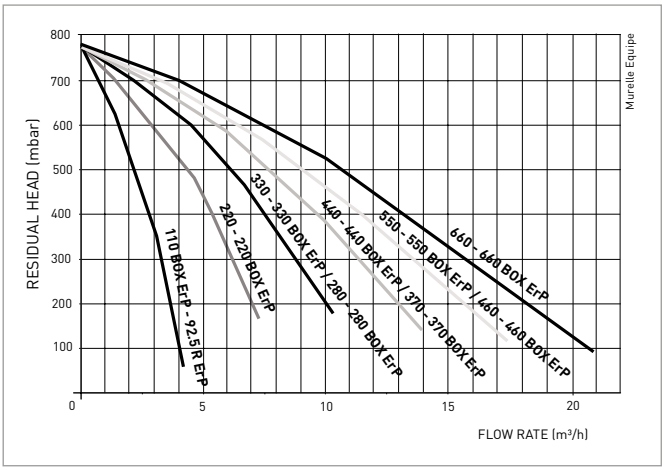
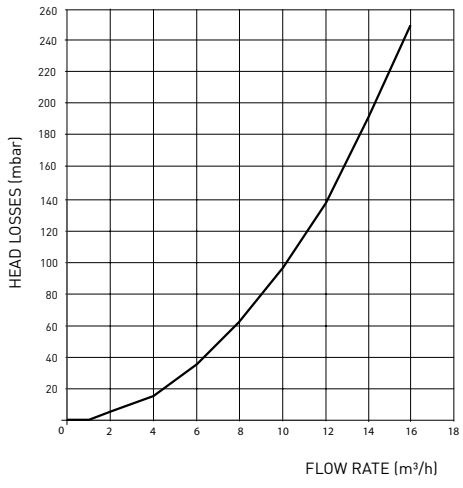


TABLE FOR SELECTING HYDRAULIC COMPENSATOR BASED ON SYSTEM SIDE Δt

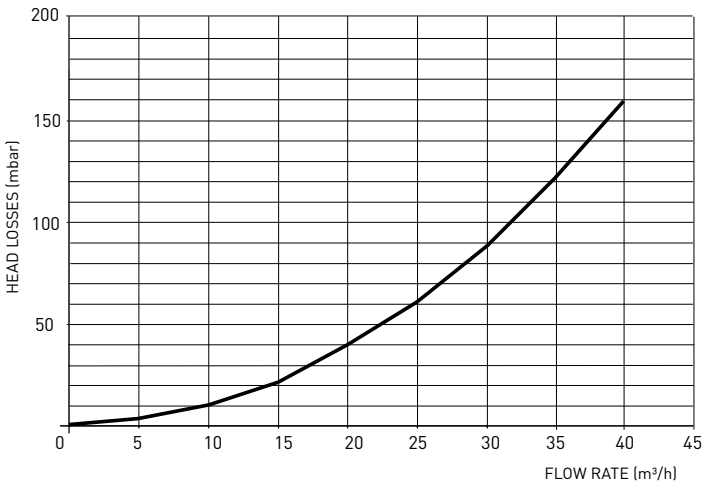
MODEL	Cod. hydraulic compensator 8101553 Δt (°K)	Cod. hydraulic compensator 8101552 Δt (°K)
Murelle Equipe 550-660 Box ErP	13	-
Murelle Equipe 370-440 Box ErP	10	20
Murelle Equipe 280-330 Box ErP	8	15
Murelle Equipe 220 Box ErP	5	10
Murelle Equipe 110 ErP	-	5

MODEL	Cod. hydraulic compensator 8101551 Δt (°K)	Cod. hydraulic compensator 8101550 Δt (°K)
Murelle Equipe 150 Box ErP	10	15
Murelle Equipe 100-140 Box ErP	7	10
Murelle 50-70 Box ErP	4	5

HYDRAULIC COMPENSATOR HEAD LOSSES

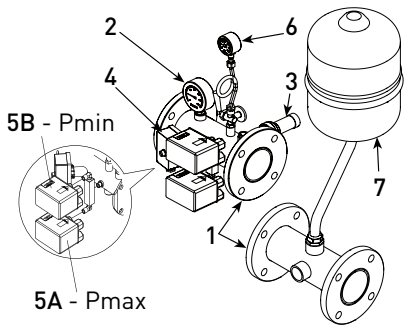


Murelle Equipe 50-70-100-140-150 Box ErP

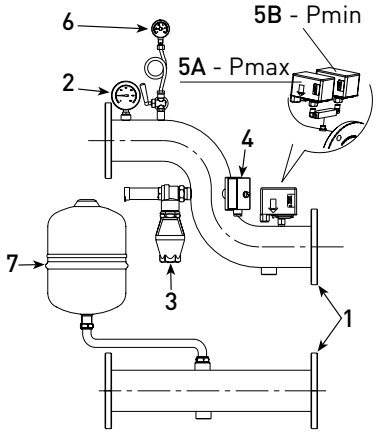


Murelle Equipe 110-220-280-330-370-440-550-660 Box ErP

Murelle Equipe 50-70-100-140-150-110-220-280-330 Box ErP



Murelle Equipe 370-440-550-660 Box ErP

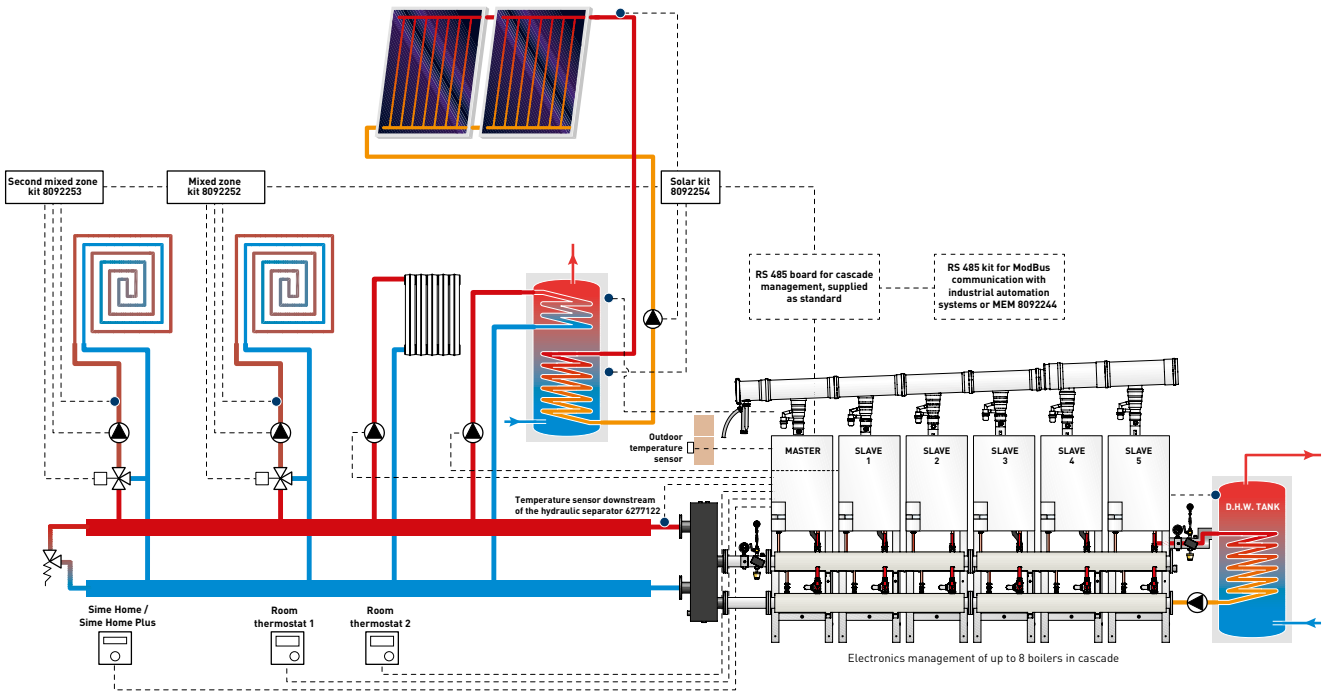


SAFETY KIT COMPONENTS

1	Flanged pipe sections for system flow/return
2	Thermometer 0-120°C
3	Safety valve [1] and discharge funnel
4	Safety thermostat 100°C
5A	Maximum water pressure switch – Pmax [2]
5B	Minimum water pressure switch - Pmin[3]
6	Pressure gauge 0-6 bar (versions 70-150) and 0-10 bar (versions 220-660) with tap and fitting
7	Expansion vessel 8 l and connection pipe

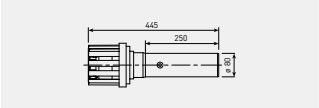
[1] For safety kit code 8101544, preset 3 BAR. For safety kit code 8101545/46, preset 4.5 BAR.
[2] For safety kit code 8101544, Pmax setting 3 BAR. For safety kit code 8101545/46, Pmax setting 5 BAR.
[3] Pmin setting 0.9 BAR.

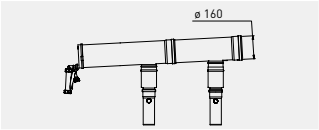
SIME CASCADE MANAGEMENT

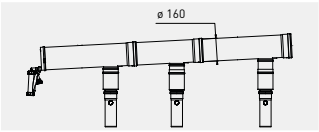


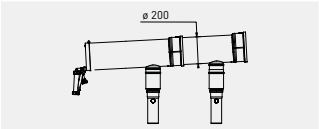
FLUE DUCTS FOR MODULAR SYSTEMS

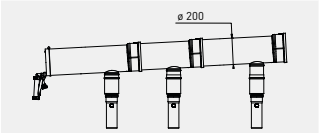
FLUE DUCTS KITS	Code
Flue duct kit in polypropylene ø 80 **APPLICATION: Murelle 50-70-110 Box ErP, Murelle Equipe 100-140-150-220-280-330-370-440-550-660 Box ErP**	**8089530**
Flue duct kit ø 160 **APPLICATION: Murelle Equipe 100-140 Box ErP**	**8102511**
Flue duct kit ø 160 **APPLICATION: Murelle Equipe 150 Box ErP**	**8102512**
Flue duct kit ø 200 **APPLICATION: Murelle Equipe 220 Box ErP**	**8102530**
Flue duct kit ø 200 **APPLICATION: Murelle Equipe 280-330 Box ErP**	**8102531**
Flue duct kit ø 200 **APPLICATION: Murelle Equipe 370-440 Box ErP**	**8102532**
Flue duct kit ø 200 **APPLICATION: Murelle Equipe 550 Box ErP**	**8102533**
Flue duct kit ø 200 **APPLICATION: Murelle Equipe 660 Box ErP**	**8102534**

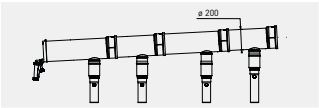


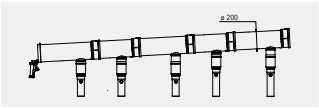


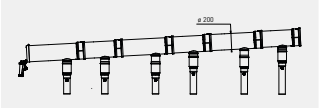


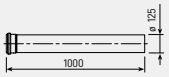
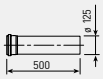
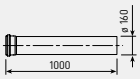
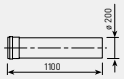
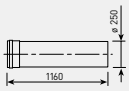










ELBOWS, EXTENSIONS, AND TERMINALS	Code	
Extension ø 125 L.1000 **APPLICATION: Murelle 50-70-110 Box ErP**	**6296510**	
Extension ø 125 L.500 **APPLICATION: Murelle 50-70-110 Box ErP**	**6296517**	
90° Elbow ø 125 **APPLICATION: Murelle 50-70-110 Box ErP**	**6296511**	
45° Elbow ø 125 **APPLICATION: Murelle 50-70-110 Box ErP**	**6296512**	
Extension ø 160 L.500 **APPLICATION: Murelle Equipe 100-140-150-220 Box ErP**	**8102522**	
Extension ø 160 L.1000 **APPLICATION: Murelle Equipe 100-140-150-220 Box ErP**	**8102523**	
45° elbow ø 160 **APPLICATION: Murelle Equipe 100-140-150-220 Box ErP**	**8102520**	
90° elbow ø 160 **APPLICATION: Murelle Equipe 100-140-150-220 Box ErP**	**8102521**	
Extension ø 200 L.1000 **APPLICATION: Murelle Equipe 330-440 Box ErP**	**8102525**	
90° elbow ø 200 **APPLICATION: Murelle Equipe 330-440 Box ErP**	**8102526**	
Extension ø 250 L.1000 **APPLICATION: Murelle Equipe 550-660 Box ErP**	**8102519**	
90° elbow ø 250 **APPLICATION: Murelle Equipe 550-660 Box ErP**	**8102528**	

ALU HE

CONDENSING GAS BOILERS IN ALUMINIUM-SILICON FOR HEATING ONLY

PRODUCT ADVANTAGES

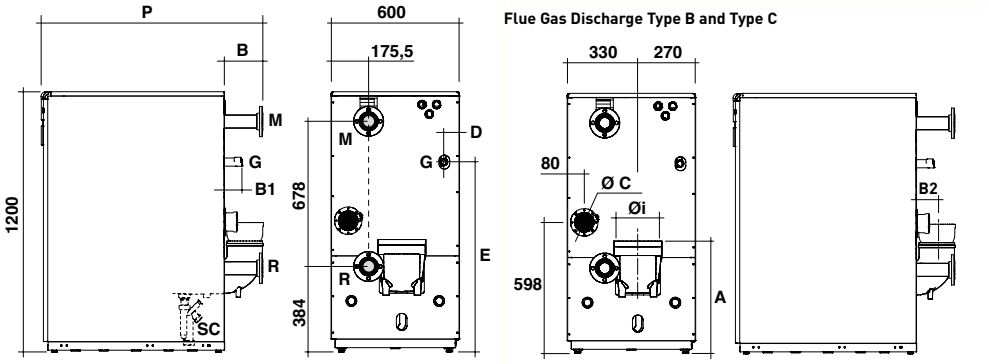
- 6 heating-only models from 77,8 to 275,4 kW
- 1:5 modulation ratio
- Compact dimensions and lightweight structure
- Low head losses
- Can be installed in systems with a working pressure up to 6 bar
- Flue gas outlet positioned at the lower part of the boiler
- Built-in cascade management for up to 8 boilers
- Management of three heating circuits at different temperatures and, with optional kits, a forced circulation solar system and two low-temperature zones
- Contact temperature sensor downstream of the hydraulic separator included as standard

PRODUCTS

MODELS
Alu HE 80
Alu HE 116
Alu HE 160

MODELS
Alu HE 200
Alu HE 240
Alu HE 280

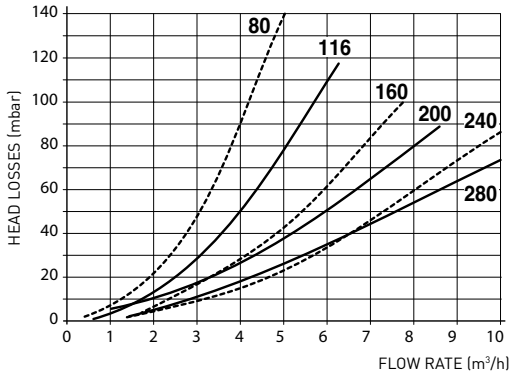
DIMENSIONS



DIMENSIONS	80	116	160	200	240	280
P (mm)	1.116	1.116	1.116	1.317	1.317	1.317
A (mm)	595	595	595	510	510	510
B (mm)	170	170	170	239	239	239
B1 (mm)	81	81	81	158	158	158
B2 (mm)	93	93	93	118	118	118
D (mm)	71	71	71	75,4	75,4	75,4
E (mm)	872	872	872	870,5	870,5	870,5

LEGEND		80	116	160	200	240	280
M	Central heating flow			PN 10 DN50			
R	Central heating return			PN 10 DN50			
SC	Condensate discharge			ø 15 mm			
G	Gas supply			ø 1"G			
Ø C	Air inlet	80	80	80	100	100	100
Øi	Flue gas discharge	160	160	160	200	200	200

HEAD LOSSES



TECHNICAL FEATURES

Alu HE		80	116	160	200	240	280
Nominal output (80-60°C)	kW	77,8	112,3	156,1	195,7	234,4	275,4
Nominal output (50-30°C)	kW	83,8	122,0	168,2	208,6	251,8	295,3
Minimum output G20 (80-60°C)	kW	19,2	20,1	30,6	37,8	46,5	60,4
Minimum output G20 (50-30°C)	kW	21,6	22,8	34,3	42,5	52,0	66,0
Nominal heat input	kW	80,0	115,5	160,0	200,0	240,0	280,0
Reduced heat input G20	kW	20,0	21,0	32,0	40,0	48,0	62,0
Min/max useful efficiency (80-60°C)	%	95,9 - 97,3	95,6 - 97,2	95,6 - 97,5	94,4 - 97,8	96,8 - 97,7	97,4 - 98,3
Min/max useful efficiency (50-30°C)	%	108,2 - 104,7	108,5 - 105,6	107,1 - 105,1	106,2 - 104,3	108,4 - 104,9	106,4 - 105,4
Efficiency rating at 30% of the load (40-30°C)	%	108,2	108,1	108,1	108,0	108,1	108,3
Electrical power consumption	W	211	263	230	360	408	438
NOx Class		6	6	6	6	6	6
Type		B23P C43-53-63-83	B23P C43-53-63-83	B23P C43-53-63-83	B23P C43-53-63-83	B23P C43-53-63-83	B23P C43-53-63-83
Maximum working pressure	bar	6	6	6	6	6	6
Weight	kg	140	160	180	210	227	245

ACCESSORIES

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HIGH POWER SECTION

DESCRIPTION	Code
Safety kit	**8101595**
Condensate neutralization kit	**8105340**
Condensate neutralization kit with lift pump	**8105345**
Condensate neutralization refill kit	**8105350**
Sime Home	**8092280**
Sime Smart Plus	**8118901**
Sime Home Plus	**8092281**
Sime Linker Plus AVAILABLE SOON	**8118921**

DESCRIPTION	Code
DHW tank sensor with 2m cable	**6231331**
Mixed zone kit	**8092275**
Second mixed zone kit	**8092276**
Forced circulation solar thermal system management kit	**8092277**
Brush for the boiler cleaning	**6077930**
ModBus communication kit	**8092278**
Motorised damper kit ø 150 for versions 80÷160	**8093350**
Motorised damper kit ø 200 for versions 200÷280	**8093360**

ALU PLUS HE

CONDENSING BOILERS IN ALUMINIUM-SILICON FOR HEATING ONLY

INTEGRATED WEATHER COMPENSATION

THREE-CIRCUITS MANAGEMENT

BIO METHANE 100% GREEN FLAME

ANTIFREEZE PROTECTION TILL -5°C

CASCADE MANAGEMENT

CLIMATIC REGULATION

COMPACT DIMENSIONS

RANGE RATED

PRODUCT FEATURES

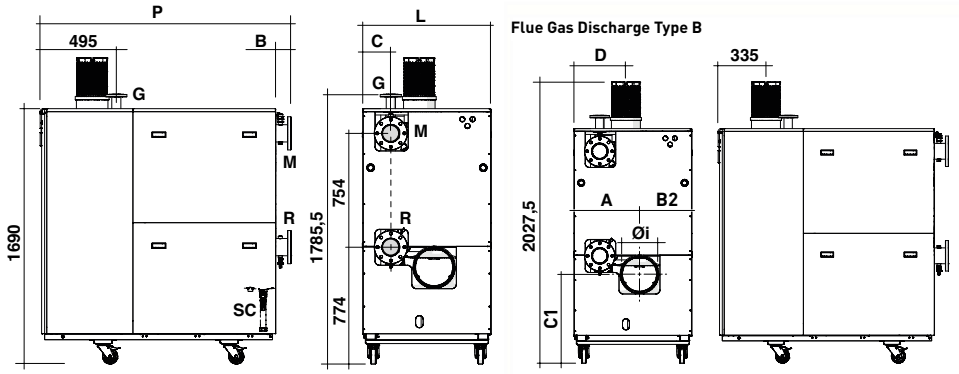
- 5 models for heating only from 353,0 to 980,0 kW
- Modulation ratio 1:5
- Compact dimensions and light weight construction
- Low head losses
- Can be installed in systems with working pressure up to 6 bar
- Equipped with wheels for easy handling
- Flue gas outlet positioned at the bottom of the boiler
- Management of up to 8 boilers in cascade as standard
- Control of three heating circuits at different temperatures and, with optional kits, management of a forced circulation solar thermal system and two low-temperature zones
- Contact sensor downstream of the hydraulic separator included as standard

PRODUCTS

MODELS
Alu Plus HE 360
Alu Plus HE 450 AVAILABLE SOON
Alu Plus HE 540 AVAILABLE SOON

MODELS
Alu Plus HE 720
Alu Plus HE 1100

DIMENSIONS



DIMENSIONS	360	720	1100
L (mm)	750	850	850
P (mm)	1.652	1.652	1.976
A (mm)	444	472,5	472,5
B (mm)	100	100	117
B1 (mm)	1.056	1.056	1.366
B2 (mm)	306	377,5	377,5
C (mm)	157	186	186
C1 (mm)	643,5	643,5	645,5
D (mm)	341	372,5	372,5

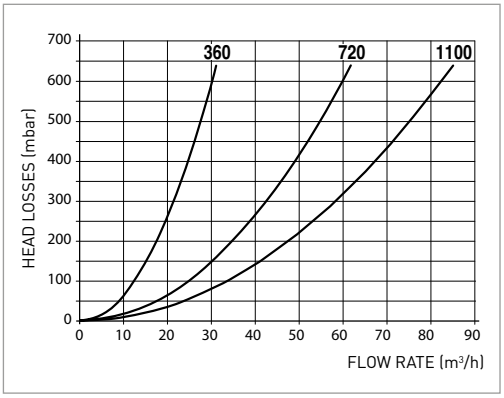
LEGEND		360	720	1100
M	Central Heating flow	PN 16 DN100		
R	Central Heating return	PN 16 DN100		
SC	Condensate discharge	ø 15 mm		

LEGEND		360	720	1100
G	Gas supply	PN 6 DN50		
Øi	Flue gas outlet	250	250	250

TECHNICAL FEATURES

Alu Plus HE		**360**	**720**	**1100**
Nominal Heat output (80-60°C)	kW	353,0	708,5	985,0
Nominal Heat output (50-30°C)	kW	378,0	756,0	1.053,0
Minimum Heat output G20 (80-60°C)	kW	78,4	147,3	196,4
Minimum Heat output G20 (50-30°C)	kW	84,5	158,0	211,0
Nominal heat input	kW	360	720	1.000
Minimum heat input G20	kW	80	150	200
Min/max useful efficiency (80-60°C)	%	98,0 - 98,1	98,2 - 98,4	98,2 - 98,5
Min/max useful efficiency (50-30°C)	%	105,6 - 105,0	105,3 - 105,0	105,5 - 105,3
Efficiency rating at 30% of the load (40-30°C)	%	108,1	108,3	108,2
Electrical power consumption	W	532	1.965	2.134
NOx Class		6	6	6
Type		B23P	B23P	B23P
Maximum working pressure	bar	6	6	6
Weight	kg	450	580	680

HEAD LOSSES



ACCESSORIES

DESCRIPTION	Code
Safety kit version 360	**8101596**
Safety kit versions 720-1100	**8101597**
Condensate neutralization kit	**8105330**
Condensate neutralization kit with lift pump	**8105335**
Condensate neutralization refill kit	**8105350**
Sime Home	**8092280**
Sime Smart Plus	**8118901**
Sime Home Plus	**8092281**
Sime Linker Plus AVAILABLE SOON	**8118921**

DESCRIPTION	Code
DHW sensor with cable L.2000	**6231331**
Mixed zone kit	**8092275**
Second mixed zone kit	**8092276**
Forced circulation solar thermal system management kit	**8092277**
Brush for the boiler body	**6077930**
ModBus communication kit	**8092278**
Motorised damper kit ø 250	**8093370**
Intake filter kit ø 200	**8115900**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HIGH POWER SECTION

SIMERAC AR

PRESSURIZED HIGH-EFFICIENCY **FLOOR-STANDING STEEL BOILERS** FOR HEATING ONLY

IN COMPLIANCE WITH THE ERP REGULATION (COMMISSION REGULATION NO. 813/2013 OF AUGUST 2, 2013), THIS PRODUCT (UP TO MODEL 400 AR) IS INTENDED EXCLUSIVELY FOR THE REPLACEMENT OF IDENTICAL EXISTING BOILERS ON THE MARKET.

PRODUCT ADVANTAGES

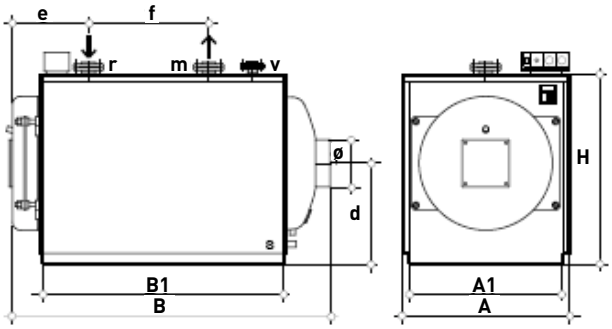
- Steel structure with flame inversion technology
- Designed for heating only, with optional DHW production when combined with an appropriate storage tank
- 15 versions from 80 to 900 kW
- Optional thermostatic or climatic control panel
- Working pressure up to 6 bar

PRODUCT RANGE

MODELS
Simerac 80 AR
Simerac 90 AR
Simerac 130 AR
Simerac 170 AR
Simerac 200 AR
Simerac 250 AR
Simerac 300 AR
Simerac 350 AR

MODELS
Simerac 400 AR
Simerac 450 AR
Simerac 500 AR
Simerac 600 AR
Simerac 700 AR
Simerac 800 AR
Simerac 900 AR

DIMENSIONS



LEGEND	80	90	130	170	200	250	300	350	400	450	500	600	700	800	900
A (mm)	790	790	790	940	940	940	940	940	1.040	1.040	1.040	1.240	1.240	1.240	1.240
B (mm)	1.110	1.110	1.360	1.405	1.405	1.655	1.655	1.905	1.990	1.990	2.290	2.345	2.545	2.545	2.795
H (mm)	880	880	880	990	990	990	990	990	1.150	1.150	1.150	1.280	1.280	1.280	1.280
A1 (mm)	750	750	750	900	900	900	900	900	1.000	1.000	1.000	1.200	1.200	1.200	1.200
B1 (mm)	760	760	1.010	1.010	1.010	1.260	1.260	1.510	1.512	1.512	1.812	1.200	2.014	2.014	2.264
d (mm)	460	460	460	510	510	510	510	510	595	595	595	640	640	640	640
e (mm)	430	430	430	465	465	465	465	465	625	625	625	625	625	625	625
f (mm)	260	260	510	450	450	700	700	950	792	792	1.092	974	1.174	1.174	1.424
r/m	2"	2"	2"	65	65	65	65	65	80	80	80	100	100	100	100
v	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	65	65	65	65
s	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
ø (mm)	200	200	200	220	220	220	220	220	250	250	250	350	350	350	350

TECHNICAL FEATURES

Simerac AR		**80**	**90**	**130**	**170**	**200**	**250**	**300**	**350**
Nominal Heat output	kW	81	91	132	170	203	253	304	354
Nominal heat input	kW	86,2	96,7	140,0	179,6	214,0	266,0	320,0	372,0
Efficiency rating	%	94,0	94,1	94,3	94,7	94,9	95,1	95,0	95,2
Efficiency rating at 30% of the load	%	96,8	96,9	97,1	97,5	97,7	97,9	97,8	98,0
Leaks on the flue side	mbar	0,4	0,5	0,9	0,9	1,2	1,8	2,5	3,3
Combustion product flow rate	kg/h	136,8	154,8	223,2	288,0	342,0	424,8	511,2	594,0
Boiler capacity	dm^3	119	119	155	228	228	285	276	329
Weight	kg	250	270	310	460	480	540	550	610

Simerac AR		**400**	**450**	**500**	**600**	**700**	**800**	**900**
Nominal Heat output	kW	398	455	505	610	715	820	920
Nominal heat input	kW	418,0	477,0	530,0	640,0	750,0	860,0	966,0
Efficiency rating	%	95,2	95,4	95,3	95,3	95,3	95,3	95,2
Efficiency rating at 30% of the load	%	98,0	98,0	97,9	97,9	97,9	97,9	97,9
Leaks on the flue side	mbar	2,7	3,2	3,7	3,6	4,5	4,4	4,8
Combustion product flow rate	kg/h	669,6	763,2	849,6	1.026,0	1.202,4	1.375,2	1.548,0
Boiler capacity	dm^3	402	402	476	697	795	733	817
Weight	kg	870	890	940	1.310	1.380	1.440	1.620

ACCESSORIES

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HIGH POWER SECTION

DESCRIPTION	**Code**
Thermostatic control panel	**5197820**
Mono / two-stage modulating control panel + outdoor temperature sensor	**5197823**
Boiler return sensor	**8113501**
Tank temperature sensor	**8113502**

DESCRIPTION	**Code**
Mix circuit temperature sensor	**8113504**
Flow cascade temperature sensor	**8113505**
Programmable thermostat	**8113506**
Cascade board (one for each generator)	**8113507**

COMPATIBLE BURNERS

	GAS BURNERS			OIL BURNERS		
	BURNER		LONG FLAME HEAD KIT	BURNER		LONG FLAME HEAD KIT
APPLICATION	MODEL	Code	Code	MODEL	Code	Code
Simerac 80 AR	BS 2D	**8107310**	**8108800**	RG 3D	**8107320**	**8108803**
Simerac 90 AR	BS 3D	**8107311**	**8108801**	RG 3D	**8107320**	**8108803**
Simerac 130 AR	BS 3D	**8107311**	**8108801**	RG 4D	**8107321**	**8108804**
Simerac 170 AR	BS 3D	**8107311**	**8108801**	RG 4D	**8107321**	**8108805**
Simerac 200 AR	BS 4D	**8107312**	**8108802**	RG 5D	**8107322**	**8108806**
Simerac 250 AR	RS 34 MZ TL	**8107313**		RL 34 MZ TL	**8107323**	**8108810**
Simerac 300 AR	RS 44 MZ TL	**8107314**	**8108810**	RL 44 MZ TL	**8107324**	**8108810**
Simerac 350 AR	RS 44 MZ TL	**8107314**	**8108810**	RL 44 MZ TL	**8107324**	**8108810**
Simerac 400 AR	RS 44 MZ TL	**8107314**		RL 64 MZ TL	**8107325**	
Simerac 450 AR	RS 64 MZ TL	**8107315**		RL 64 MZ TL	**8107325**	
Simerac 500 AR	RS 64 MZ TL	**8107315**		RL 64 MZ TL	**8107325**	
Simerac 600 AR	RS 64 MZ TL	**8107315**		RL 70 TL	**8107326**	
Simerac 700 AR	RS 70 TL	**8107316**		RL 70 TL	**8107326**	
Simerac 800 AR	RS 100 TL	**8107317**		RL 100 TL	**8107327**	
Simerac 900 AR	RS 100 TL	**8107317**		RL 100 TL	**8107327**	

IN COMPLIANCE WITH THE ERP REGULATION (EU REGULATION NO. 813/2013 OF THE EUROPEAN COMMISSION DATED AUGUST 2, 2013), THIS PRODUCT IS INTENDED EXCLUSIVELY FOR THE REPLACEMENT OF IDENTICAL BURNERS ALREADY EXISTING ON THE MARKET.

GAS TRAIN

MODEL	APPLICATION	MIN. GAS PRESSURE	GAS TRAIN
BS 2/D	Simerac AR 80	15 mbar	MB ZR DLE 407 F2
		20 mbar	MB ZR DLE 405 F2
BS 3/D	Simerac AR 90 - 130 - 170	15 mbar	MB ZR DLE 412
		18 mbar	MB ZR DLE 410
		20 mbar	MB ZR DLE 407 F3
BS 4/D	Simerac AR 200	15 mbar	MB ZR DLE 412
		20 mbar	MB ZR DLE 410
		25 mbar	MB ZR DLE 407 F3
RS 34 MZ TL	Simerac AR 250	15 mbar	MB 15/1
		20 mbar	MB 12/1
		30 mbar	MBDLE 410 + Adapter C
		50 mbar	MBDLE 407 + Adapter C
RS 44 MZ TL	Simerac AR 300 - 350 - 400	15 mbar	MB 15/1
		20/25 mbar	MB 12/1
		45 mbar	MBDLE 410 + Adapter C
RS 64 MZ TL	Simerac AR 450 - 500 - 600	20 mbar	MB 20/1
		30 mbar	MB 12/1
		50 mbar	MBDLE 410 + Adapter C e C2
RS70 TL	Simerac AR 700	20 mbar	MB 20/1
		25 mbar	MB 15/1 + Adapter C
RS100 TL	Simerac AR 800 - 900	25 mbar	MB 20/1
		30 mbar	MB 15/1 + Adapter C

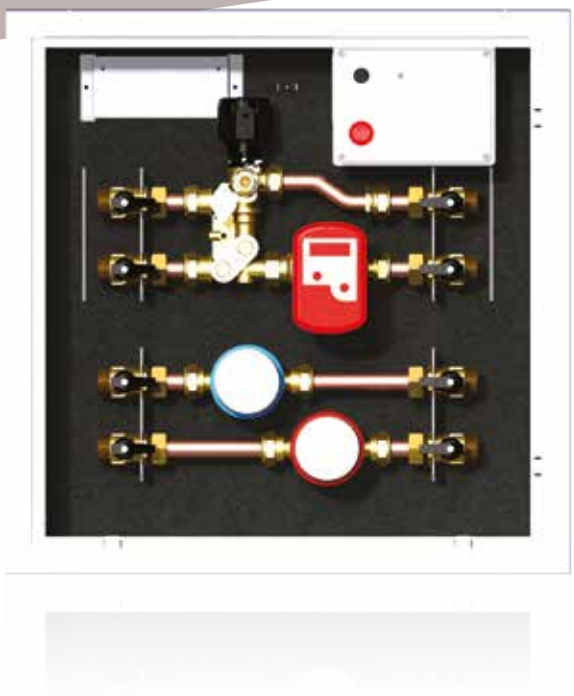
MODEL	Code
MB ZR DLE 405 F2	**8107401**
MB ZR DLE 407 F2	**8107413**
MB ZR DLE 407 F3	**8107402**
MB ZR DLE 410	**8107404**
MB ZR DLE 412	**8107411**
MBDLE 407	**8107405**
MBDLE 410	**8107403**
MB 12/1	**8107407**
MB 15/1	**8107409**
MB 20/1	**8107412**
C	**8107502**
C2	**8107503**

LPG CONVERSION KITS

MODEL	Code
LPG Kit for BS 2D	**6291680**
LPG Kit for BS 3D	**6291681**
LPG Kit for BS 4D	**6291682**
LPG Kit for RS 34 MZ TL	**6291683**
LPG Kit for RS 44 MZ TL	**6291684**
LPG Kit for RS 64 MZ TL	**6291685**
LPG Kit for RS 70 MZ TL	**6291686**
LPG Kit for RS 100 MZ TL	**6291687**

SIMECONN II

BUILT-IN ENERGY **METERS FOR HEATING**, HOT WATER AND COOLING



PRODUCT ADVANTAGES

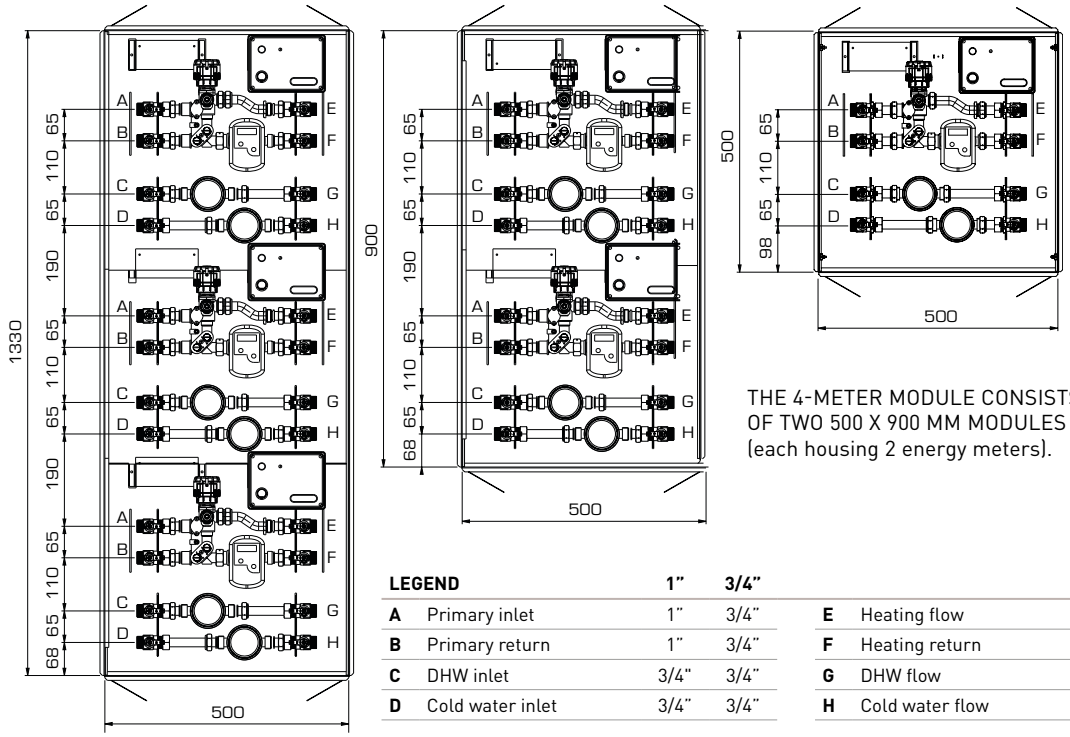
- Single version with 2-way and 3-way configurations, available with ¾" and 1" connections
- Two versions available with flow meters for hot and cold water, as well as heating and cooling applications
- All versions come with a high-density polyurethane insulating shell
- Balancing valve included as standard
- Optional test pipe kits for system testing
- Built-in frames available for 1 to 4 units, with ¾" and 1" connections
- Reversible design for left or right-side installation
- Custom-made models available on request
- Multifunction zone valve for two-way or three-way operation (with bypass adjustment)

PRODUCTS

MODELS
SimeConn II 1" CF
SimeConn II 3/4" CF
SimeConn II NO KIT COLD WATER 1" CF
SimeConn II NO KIT COLD WATER ¾" CF
Frame for 1 energy meter ¾"
Frame for 2 energy meters ¾"
Frame for 3 energy meters ¾"
Frame for 4 energy meters ¾"

MODELS
Frame for 1 energy meter 1"
Frame for 2 energy meters 1"
Frame for 3 energy meters 1"
Frame for 4 energy meters 1"
Adapter kit for SimeConn frame ¾"
Adapter kit for SimeConn frame 1"

DIMENSIONS

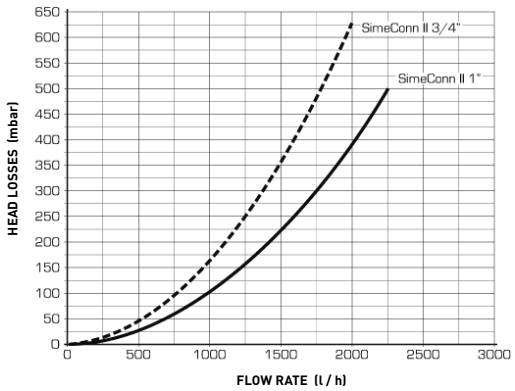


THE 4-METER MODULE CONSISTS OF TWO 500 X 900 MM MODULES (each housing 2 energy meters).

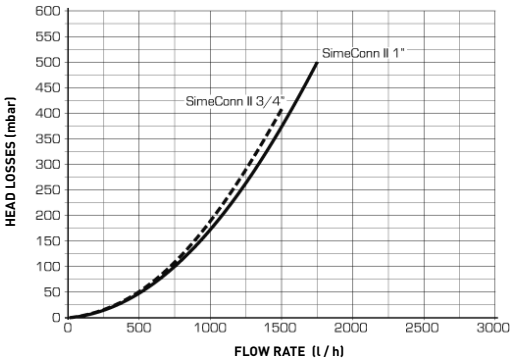
LEGEND		1"	3/4"			1"	3/4"
A	Primary inlet	1"	3/4"	**E**	Heating flow	1"	3/4"
B	Primary return	1"	3/4"	**F**	Heating return	1"	3/4"
C	DHW inlet	3/4"	3/4"	**G**	DHW flow	3/4"	3/4"
D	Cold water inlet	3/4"	3/4"	**H**	Cold water flow	3/4"	3/4"

HEAD LOSSES

SimeConn II ¾" - DN 18 – HYDRAULIC CORE ONLY
SimeConn II 1" - DN 20 – HYDRAULIC CORE ONLY



SimeConn II 3/4" - DN 18 – WITH FRAME
SimeConn II 1" - DN 20 – WITH FRAME



ACCESSORIES

DESCRIPTION	Code
Kit "Standby Pipes ¾"	**8109410**
Kit "Standby Pipes 1"	**8109411**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE HIGH POWER SECTION

SP

INSPECTABLE (P) AND BRAZED (B)
PLATE HEAT EXCHANGERS

PRODUCT ADVANTAGES

- Ideal for preventing damage due to scaling and/or clogging of the generator, especially when replacing a generator in an old system
- Ideal for preventing damage due to scaling and/or clogging of the generator, especially when replacing a generator in an old system
- The unique channel design formed by two plates ensures high heat transfer coefficients, strong turbulence, and minimal clogging

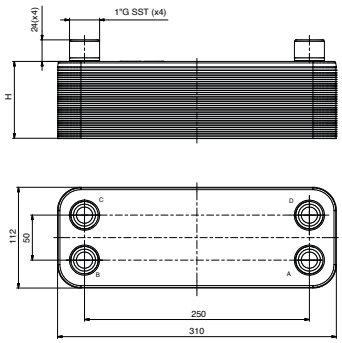
PRODUCTS

MODELS
S250/40 B (40 kW)
S250/50 B (50 kW)
S250/80 B (80 kW)
S400/40 B (115 kW)
SZ3/23 P (115 kW)
SZ3/29 P (160 kW)
SZ3/39 P (220 kW)
SZ3/43 P (240 kW)

MODELS
SZ3/49 P (280 kW)
SZ3/57 P (330 kW)
SZ3/63 P (370 kW)
SZ3/75 P (440 kW)
SZ3/93 P (550 kW)
SZ4/59 P (660 kW)
SZ4/65 P (720 kW)
SZ4/99 P (1100 kW)

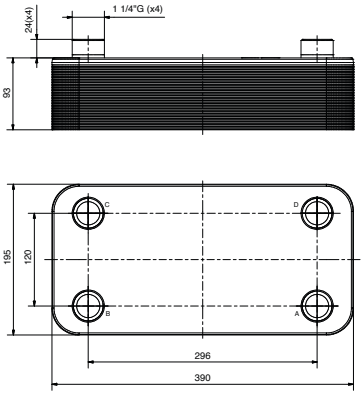
IMPORTANT NOTICE:
- Maximum working pressure: 10 bar (SZ3-SZ4 P versions).
- Maximum working pressure: 30 bar (S250-S400 B versions).

S250 B Versions

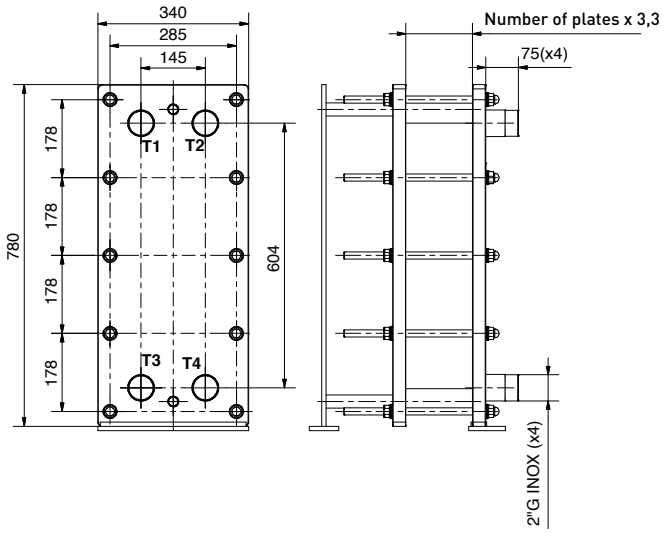


LEGEND	S250/40 B	S250/50 B	S250/80 B
H (mm)	99	122	189

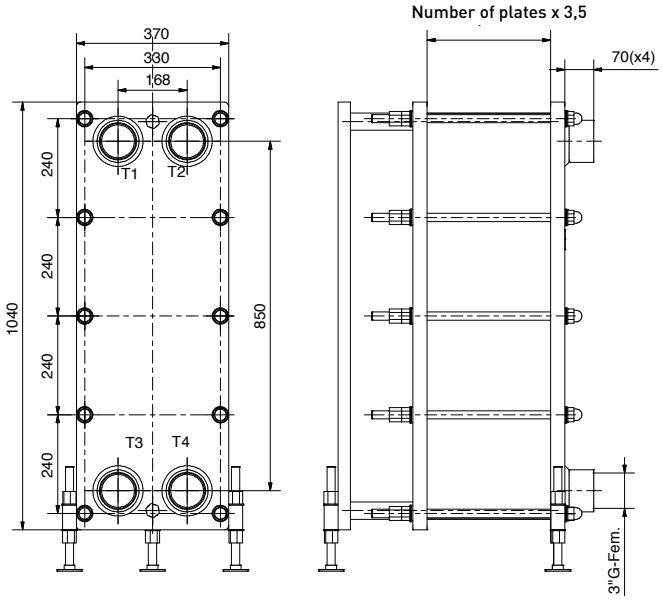
S440 B Version



SZ3 Versions



SZ4 Versions



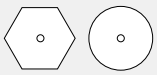
TECHNICAL FEATURES

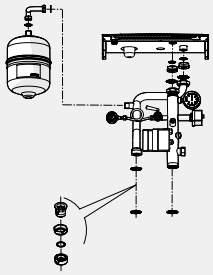
SP		S250/40 B	S250/50 B	S250/80 B	S400/40 B	SZ3/23 P	SZ3/29 P	SZ3/39 P	SZ3/43 P
Heat exchange power	kW	40	50	80	115	115	160	220	240
Primary circuit inlet temperature	°C	80	80	80	80	80	80	80	80
Primary circuit outlet temperature	°C	60	60	60	60	60	60	60	60
Secondary circuit inlet temperature	°C	55	55	55	55	55	55	55	55
Secondary circuit outlet temperature	°C	70	70	70	70	70	70	70	70
Primary circuit fluid flow rate	m^3/h	1,54	2,20	3,52	5,05	5,05,	7,03	9,67	10,55
Secondary circuit fluid flow rate	m^3/h	2,04	2,92	4,67	6,72	6,72	9,34	12,85	14,02
Primary circuit pressure drop	mH_2O	0,260	0,329	0,324	0,969	0,557	0,655	0,671	0,655
Secondary circuit pressure drop	mH_2O	0,446	0,536	0,555	1,659	0,954	1,121	1,148	1,121
Exchange surface	m^2	1,06	1,34	2,18	2,19	2,73	3,51	4,81	5,33
Weight	kg	6,6	7,9	11,8	14,9	118,4	123,2	131,2	134,4

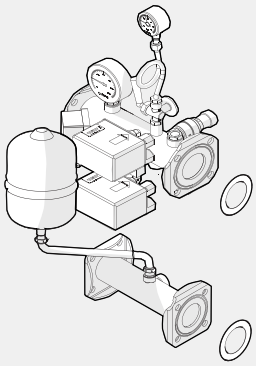
SP		SZ3/49 P	SZ3/57 P	SZ3/63 P	SZ3/75 P	SZ3/93 P	SZ4/59 P	SZ4/65 P	SZ4/99 P
Heat exchange power	kW	280	330	370	440	550	660	720	1.100
Primary circuit inlet temperature	°C	80	80	80	80	80	80	80	80
Primary circuit outlet temperature	°C	60	60	60	60	60	60	60	60
Secondary circuit inlet temperature	°C	55	55	55	55	55	55	55	55
Secondary circuit outlet temperature	°C	70	70	70	70	70	70	70	70
Primary circuit fluid flow rate	m^3/h	12,31	14,50	16,26	19,34	24,17	29,01	31,65	48,35
Secondary circuit fluid flow rate	m^3/h	16,35	19,27	21,61	25,69	32,12	38,54	42,05	64,24
Primary circuit pressure drop	mH_2O	0,680	0,693	0,709	0,704	0,711	1,965	1,925	1,917
Secondary circuit pressure drop	mH_2O	1,164	1,186	1,213	1,205	1,217	3,365	3,296	3,282
Exchange surface	m^2	6,11	7,15	7,93	9,49	11,83	12,54	13,86	21,34
Weight	kg	139,2	165,6	170,4	180,0	194,4	280,8	288,0	328,8

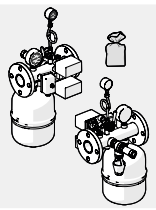
ACCESSORIES

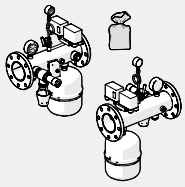
DESCRIPTION	Code
LPG conversion kit vers. 35 R **APPLICATION: Murelle HE R ErP, Murelle Equipe Box ErP**	**5185140**
LPG conversion kit vers. 50 R **APPLICATION: Murelle HE R ErP, Murelle Equipe Box ErP**	**5185152**
LPG conversion kit vers. 110 R **APPLICATION: Murelle HE R ErP, Murelle Equipe Box ErP**	**5185151**
Safety Kit for versions 50-70 R ErP The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, safety valve, and drain funnel **APPLICATION: Murelle HE 50 R ErP, Murelle HE 70 R ErP**	**8101548**
Safety Kit for version 110 R ErP The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, safety valve, and drain funnel **APPLICATION: Murelle HE 110 R ErP**	**8101582**
Safety Kit for version 70 ErP The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, safety valve, and drain funnel **APPLICATION: Murelle Equipe 70 ErP**	**8101543**
Safety Kit for versions 100-140-150 ErP The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, safety valve, and drain funnel **APPLICATION: Murelle Equipe 100 ErP, Murelle Equipe 140 ErP, Murelle Equipe 150 ErP, Murelle Equipe 100 Box ErP, Murelle Equipe 140 Box ErP, Murelle Equipe 150 Box ErP**	**8101544**
Safety Kit for versions 220-280-330 ErP The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, safety valve, and drain funnel **APPLICATION: Murelle Equipe 220 ErP, Murelle Equipe 280 ErP, Murelle Equipe 230 ErP, Murelle Equipe 220 Box ErP, Murelle Equipe 280 Box ErP, Murelle Equipe 330 Box ErP**	**8101545**
Safety Kit for versions 370-440-550 ErP The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, safety valve, and drain funnel **APPLICATION: Murelle Equipe 370 ErP, Murelle Equipe 440 ErP, Murelle Equipe 550 ErP, Murelle Equipe 370 Box ErP, Murelle Equipe 440 Box ErP, Murelle Equipe 550 Box ErP**	**8101546**
Safety Kit for version 660 ErP The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, two safety valves, and two drain funnels **APPLICATION: Murelle Equipe 660 ErP, Murelle Equipe 660 Box ErP**	**8101549**
Safety Kit The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, safety valve, and drain funnel **APPLICATION: Alu HE**	**8101595**
Safety Kit for version 360 The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, safety valve, and drain funnel **APPLICATION: Alu Plus HE**	**8101596**

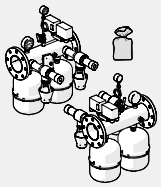
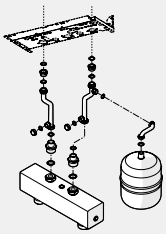
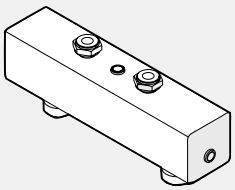
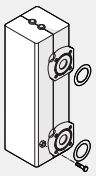
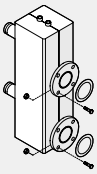
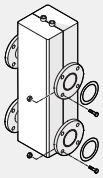
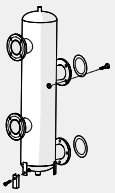
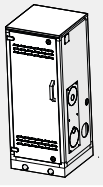
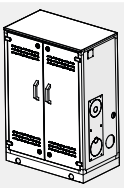


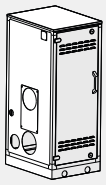
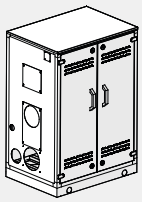
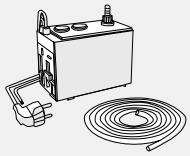
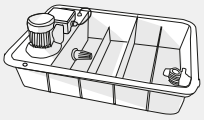
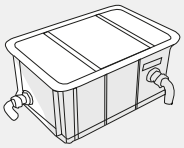
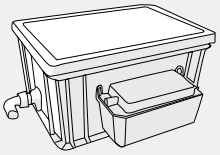
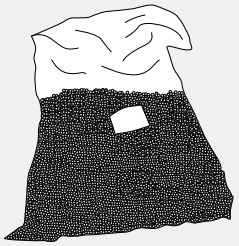
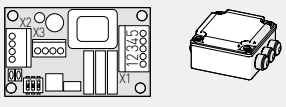


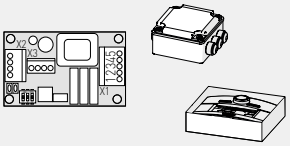
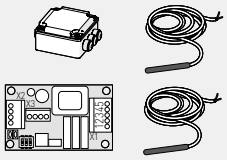
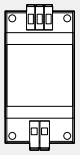
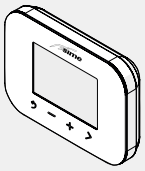
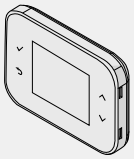
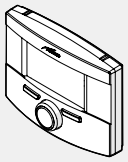
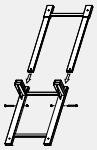
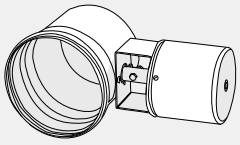


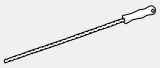
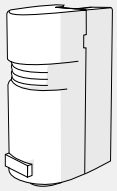
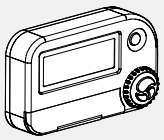
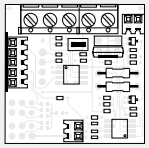
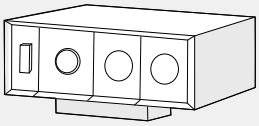
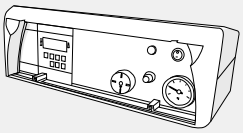
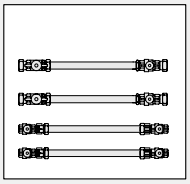




DESCRIPTION	Code	
Safety Kit for versions 720-1100 The supply includes: return pipe, flow pipe, expansion vessel, check valve, thermometer, pressure gauge, safety thermostat, minimum pressure switch, safety pressure switch, two safety valves, and two drain funnels **APPLICATION: Alu Plus HE**	**8101597**	
Hydraulic Separator Kit for version 35 R ErP To hydraulically separate the generation circuit from the distribution circuit. The supply includes: return pipe, flow pipe, expansion vessel, hydraulic separator with thermal insulation **APPLICATION: Murelle HE 35 R ErP**	**8101557**	
Hydraulic Separator Kit for version 50-70 R ErP To hydraulically separate the generation circuit from the distribution circuit. The supply includes: hydraulic separator for connection to the kit and thermal insulation **APPLICATION: Murelle HE 50 R ErP, Murelle HE 70 R ErP**	**6216312**	
Hydraulic Separator Kit for version 110 R ErP To hydraulically separate the generation circuit from the distribution circuit. The supply includes: hydraulic separator for connection to the kit and thermal insulation **APPLICATION: Murelle HE 110 R ErP**	**6216313**	
Hydraulic Separator Kit for version 70 ErP To hydraulically separate the generation circuit from the distribution circuit. The supply includes: hydraulic separator for connection to the kit and thermal insulation **APPLICATION: Murelle Equipe 70 ErP**	**8101556**	
Hydraulic Separator Kit for version 100-140-150 ErP To hydraulically separate the generation circuit from the distribution circuit. The supply includes: hydraulic separator for connection to the kit and thermal insulation **APPLICATION: Murelle Equipe 100 ErP, Murelle Equipe 140 ErP, Murelle Equipe 150 ErP, Murelle Equipe 100 Box ErP, Murelle Equipe 140 Box ErP, Murelle Equipe 150 Box ErP**	**8101550**	
Hydraulic Separator Kit for version 220-280-330 ErP To hydraulically separate the generation circuit from the distribution circuit. The supply includes: hydraulic separator for connection to the kit and thermal insulation **APPLICATION: Murelle Equipe 220 ErP, Murelle Equipe 280 ErP, Murelle Equipe 230 ErP, Murelle Equipe 220 Box ErP, Murelle Equipe 280 Box ErP, Murelle Equipe 330 Box ErP**	**8101552**	
Hydraulic Separator Kit for version 370-440-550-660 ErP To hydraulically separate the generation circuit from the distribution circuit. The supply includes: hydraulic separator for connection to the kit **APPLICATION: Murelle Equipe 370 ErP, Murelle Equipe 440 ErP, Murelle Equipe 550 ErP, Murelle Equipe 660 ErP, Murelle Equipe 370 Box ErP, Murelle Equipe 440 Box ErP, Murelle Equipe 550 Box ErP, Murelle Equipe Box 660 ErP**	**8101553**	
Single Cabinet for Hydraulic Separator and Safety Devices For housing the hydraulic separator and safety devices. The supply includes: single-door cabinet for housing the hydraulic separator and safety devices. Dimensions: 630 x 640 x 1600 mm **APPLICATION: Murelle Equipe 100 Box ErP, Murelle Equipe 140 Box ErP, Murelle Equipe 150 Box ErP**	**8101517**	
Double Cabinet for Hydraulic Separator and Safety Devices For housing the hydraulic separator and safety devices. The supply includes: double-door cabinet for housing the hydraulic separator, safety devices, and possible system components (expansion vessel, pump, etc.). Dimensions: 1100 x 640 x 1600 mm **APPLICATION: Murelle Equipe 100 Box ErP, Murelle Equipe 140 Box ErP, Murelle Equipe 150 Box ErP**	**8101518**	

DESCRIPTION	Code	
Single Cabinet for Hydraulic Separator and Safety Devices For housing the hydraulic separator and safety devices. The supply includes: single-door cabinet for housing the hydraulic separator and safety devices. Dimensions: 630 x 790 x 1600 mm **APPLICATION: Murelle Equipe 220 Box ErP, Murelle Equipe 280 Box ErP, Murelle Equipe 330 Box ErP**	**8101526**	
Double Cabinet for Hydraulic Separator and Safety Devices For housing the hydraulic separator, safety devices, and possible system components. The supply includes: double-door cabinet for housing the hydraulic separator, safety devices, and possible system components (expansion vessel, pump, etc., only for Murelle Equipe 220-280-330 Box ErP). Dimensions: 1100 x 790 x 1600 mm **APPLICATION: Murelle Equipe 220 Box ErP, Murelle Equipe 280 Box ErP, Murelle Equipe 330 Box ErP, Murelle Equipe 370 Box ErP, Murelle Equipe 440 Box ErP, Murelle Equipe 550 Box ErP, Murelle Equipe 660 Box ErP**	**8101527**	
Condensate Neutralizer Kit The supply includes: granulate container, granulate, and inlet/outlet fittings **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Box ErP, Murelle Equipe Box ErP**	**8105300**	
Condensate Lift Pump Kit To lift the condensate if the drainage point is at a higher level than the boiler's condensate discharge. The supply includes: submersible pump **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Box ErP, Murelle Equipe Box ErP**	**8105301**	
Condensate Neutralizer Kit The supply includes: granulate container, granulate, and inlet/outlet fittings **APPLICATION: Alu Plus HE**	**8105330**	
Condensate Neutralizer Kit with Lift Pump The supply includes: granulate container, granulate, condensate lift pump, and inlet/outlet fittings **APPLICATION: Alu Plus HE**	**8105335**	
Condensate Neutralizer Kit The supply includes: granulate container, granulate, and inlet/outlet fittings **APPLICATION: Alu HE**	**8105340**	
Condensate Neutralizer Kit with Lift Pump The supply includes: granulate container, granulate, condensate lift pump, and inlet/outlet fittings **APPLICATION: Alu HE**	**8105345**	
Granulate Refill Kit The supply includes: one granulate refill for the condensate neutralizer kit **APPLICATION: Condensate Neutralizer Kit (code 8105300)**	**8105310**	
Activated Carbon Refill Kit The supply includes: one activated carbon refill for the condensate neutralizer kit **APPLICATION: Condensate Neutralizer Kit (code 8105300)**	**8105311**	
Granulate Refill Kit The supply includes: a 25 kg bag of granulate for the condensate neutralizer of Alu HE and Alu Plus HE **APPLICATION: Condensate Neutralizer Kit with Lift Pump (cod. 8105335-8105345)**	**8105350**	
Mixed Zone Kit Allows the management of a low-temperature zone. The supply includes: electronic control board for mixed zone management, temperature sensor, safety thermostat, connectors, and GEWISS enclosure for housing the board **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**8092275**	

DESCRIPTION	Code	
Second Mixed Zone Kit Allows the management of a second low-temperature zone. The supply includes: Sime Home remote control, electronic control board for mixed zone management, temperature sensor, safety thermostat, connectors, and GEWISS enclosure for housing the board **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**8092276**	
Additional Board Housing Kit Contains and protects an additional board from the InSol or ZonaMix kits. It is installed outside the boiler **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP**	**8092236**	
Forced Solar Thermal System Management Kit Controls a solar system via the boiler panel. The supply includes: electronic board for solar circuit management, temperature sensors for collectors and boiler, connectors, and GEWISS enclosure for housing the board **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**8092277**	
ModBus Interface Kit Enables the boiler to communicate via ModBus, transmitting key regulation and control parameters. The supply includes: electronic board for ModBus communication **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**8092278**	
Sime Linker Plus Remote Control Allows remote control and adjustment of the boiler and is equipped with a sensor for internal temperature measurement. Class V device. OpenTherm two-wire communication with the boiler and Wi-Fi connection to the home router. For more information, refer to the dedicated price list section **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**8118921**	
Sime Smart Plus Wi-Fi Remote Control Allows remote control and adjustment of the boiler and is equipped with a sensor for internal temperature measurement. Class V device. OpenTherm two-wire communication with the boiler and Wi-Fi connection to the home router. For more information, refer to the dedicated price list section **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**8118901**	
Sime Home Plus Remote Control Allows remote control and adjustment of the boiler and is equipped with a sensor for internal temperature measurement. Class V device. For more information, refer to the dedicated price list section **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**8092281**	
Sime Home Remote Control Allows remote control and adjustment of the boiler and is equipped with a sensor for internal temperature measurement. Class V device. For more information, refer to the dedicated price list section **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**8092280**	
Kit for opposite boilers (1 kit per generator) The supply includes: a frame installable in the center of the room for fixing one or two back-to-back generators **APPLICATION: Murelle Equipe ErP**	**8101513**	
Ø 150 Motorized damper Kit for 80÷160 Models The supply includes: flue gas check valve; mandatory for cascade installations of Alu HE with a single flue channel **APPLICATION: Alu HE 80, Alu HE 116, Alu HE 160**	**8093350**	
Ø 200 Motorized damper Kit for 200÷280 Models The supply includes: flue gas check valve; mandatory for cascade installations of Alu HE with a single flue channel **APPLICATION: Alu HE 200, Alu HE 240, Alu HE 280**	**8093360**	
Ø 250 Damper Kit The supply includes: flue gas check valve; mandatory for cascade installations of Alu Plus HE with a single flue channel **APPLICATION: Alu Plus HE**	**8093370**	

DESCRIPTION	Code	
Ø 200 Intake Filter Kit Air filter to prevent burner deposits in environments with highly polluted intake air. The supply includes: cylindrical air filter **APPLICATION: Alu Plus HE**	**8115900**	
Brush for boiler cleaning **APPLICATION: Alu HE, Alu Plus HE**	**6077930**	
Boiler Sensor with cable L.2000 Measures temperature with an immersion sensor in a sensor well. The supply includes: an NTC 10 kΩ immersion sensor **APPLICATION: Murelle HE R ErP, Murelle Equipe ErP, Murelle Equipe Box ErP, Alu HE, Alu Plus HE**	**6231331**	
Contact temperature sensor Downstream of the Hydraulic Separator Measures the delivery temperature to the system when using a hydraulic separator. The supply includes: a contact sensor **APPLICATION: Murelle HE R ErP**	**6277122**	
Outdoor Temperature Sensor Enables climatic regulation with sliding temperature adjustment of the boiler. The supply includes: an outdoor sensor and connector **APPLICATION: Murelle HE R ErP**	**8094101**	
Boiler Return Sensor Measures temperature with an immersion sensor in a sensor well. The supply includes: an NTC immersion sensor for the panel. 5197823 **APPLICATION: Simerac AR**	**8113501**	
Boiler Sensor Measures temperature with an immersion sensor in a sensor well. The supply includes: an NTC immersion sensor for the panel. 5197823 **APPLICATION: Simerac AR**	**8113502**	
Mixed Circuit Sensor Measures temperature with an immersion sensor in a sensor well. The supply includes: an NTC immersion sensor for the panel 5197823 **APPLICATION: Simerac AR**	**8113504**	
Cascade Flow Sensor Measures temperature with an immersion sensor in a sensor well. The supply includes: an NTC immersion sensor for the panel. 5197823 **APPLICATION: Simerac AR**	**8113505**	
Chronothermostat The supply includes: a chronothermostat for connection to the control panel of blown-air burners **APPLICATION: Pannello di controllo mono/bistadio modulante + sonda esterna (cod. 5197823)**	**8113506**	
Cascade Control Board (one per generator) The supply includes: an electronic board for cascade management and communication for the control panel of blown-air burners **APPLICATION: Simerac AR Single-stage/two-stage modulating control panel + outdoor sensor (cod. 5197823)**	**8113507**	
Thermostatic Control Panel The supply includes: a thermostatic panel for controlling two-stage blown-air burners, boiler sensor, and thermostat **APPLICATION: Simerac AR**	**5197820**	
Single-Stage/Two-Stage Modulating Control Panel + Outdoor Sensor The supply includes: a control panel for single-stage/two-stage/modulating blown-air burners, outdoor sensor, and boiler sensor **APPLICATION: Simerac AR**	**5197823**	
3/4" Waiting Pipes Kit The supply includes copper pipes to be installed in preparation for the installation of SimeConn II 3/4" **APPLICATION: SimeConn II**	**8109410**	
1" Waiting Pipes Kit The supply includes copper pipes to be installed in preparation for the installation of SimeConn II 1" **APPLICATION: SimeConn II**	**8109411**	

GAS BOILERS

- The range of gas boilers 154

WALL-HUNG CONDENSING

- Murelle HM Plus 156
- Edea HM 163
- Vera EV HE 167
- Mia HE 171

WALL-HUNG CONDENSING WITH DHW STORAGE TANK

- Edea HM 25-35/55 174
- Murelle HE 25-30/55 ErP PHASING OUT 177
- Open Solar HE ErP PHASING OUT 180

FLOOR STANDING STEEL CONDENSING

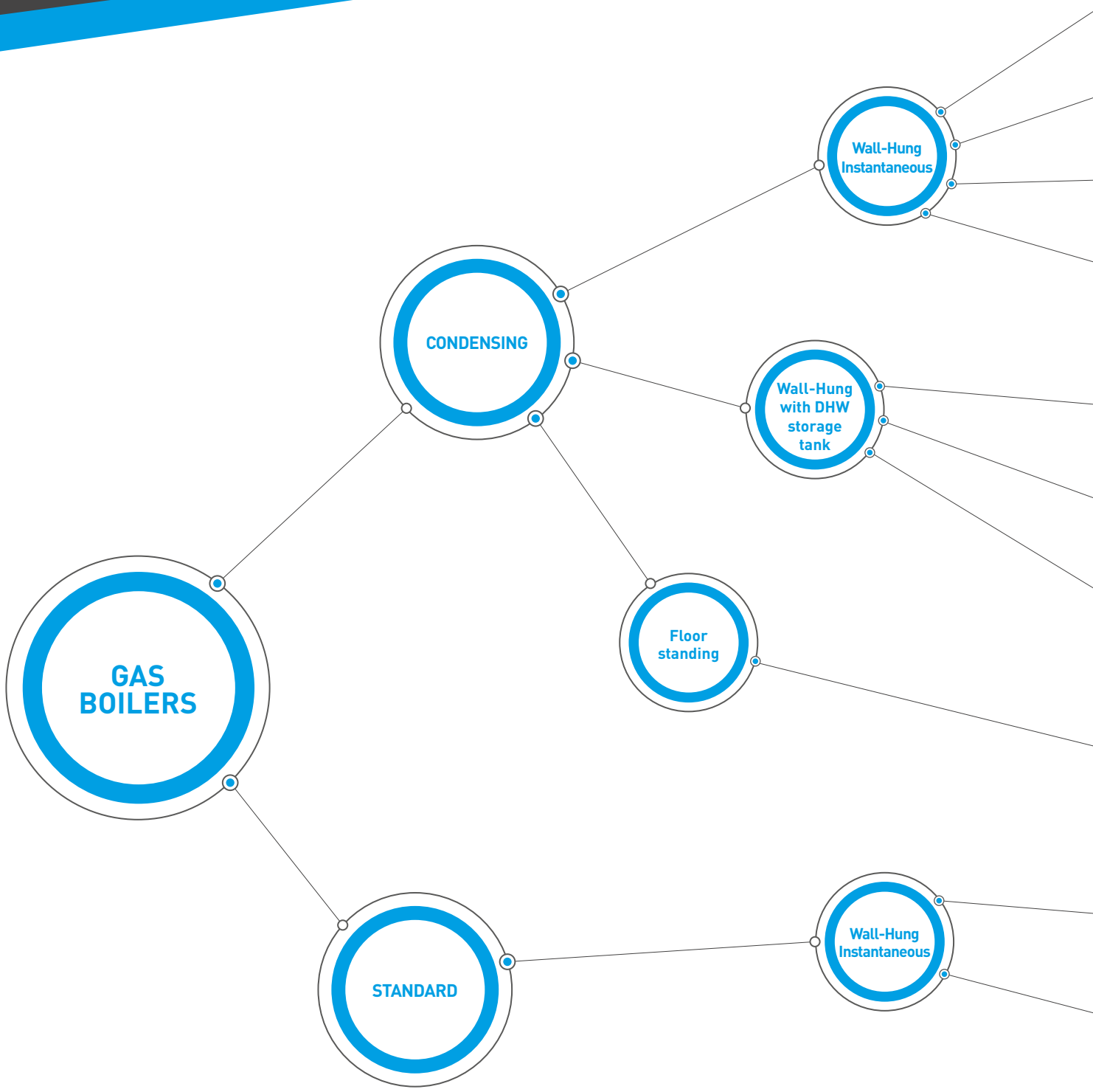
- Atlantis HM ErP 183

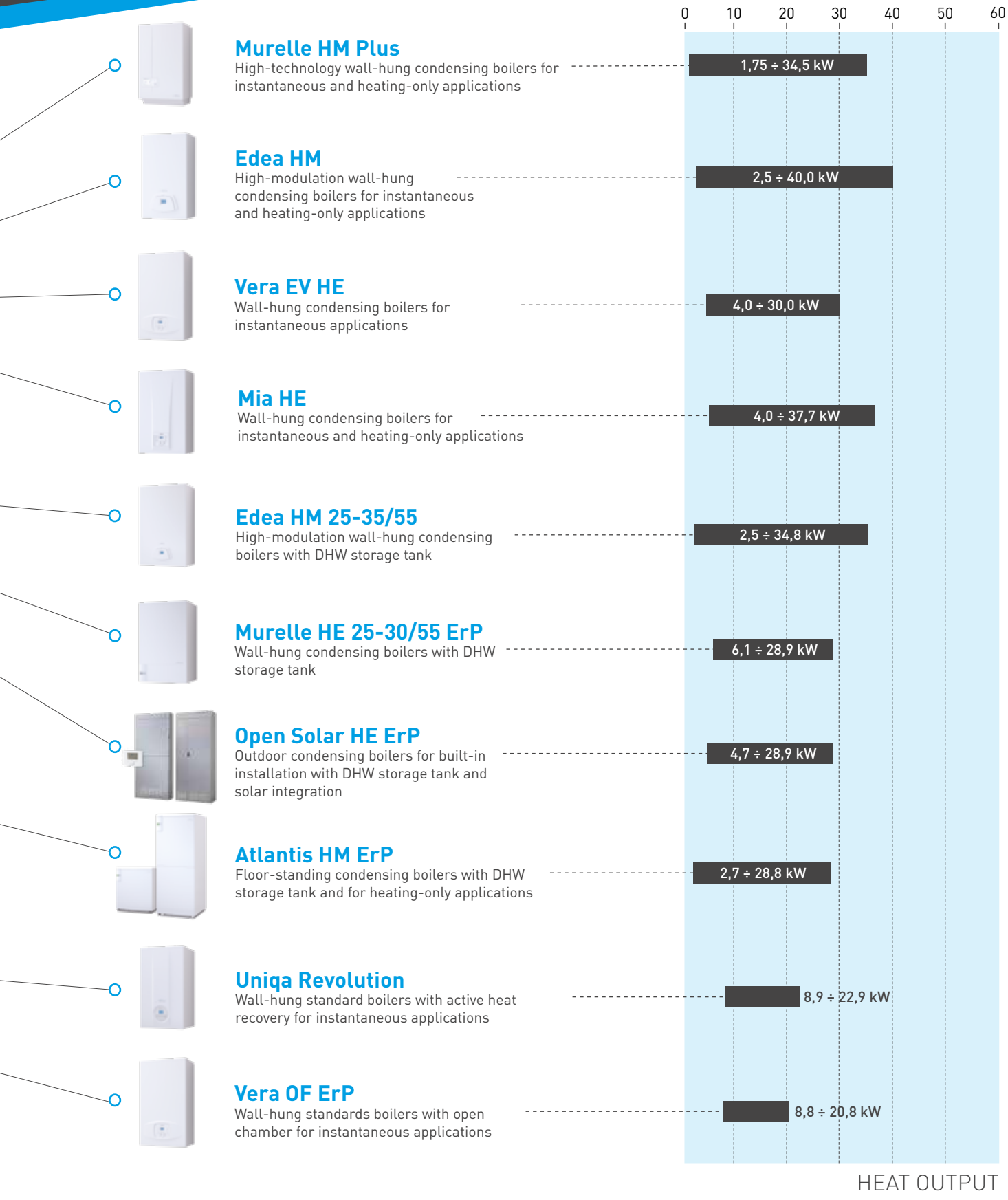
WALL-HUNG STANDARD

- Uniqa Revolution 187
- Vera OF ErP 190

- Temperature controls 192
- Accessories 194
- Flue Ducts 202

THE RANGE OF GAS BOILERS




0
10
20
30
40
50
60
Murelle HM Plus
High-technology wall-hung condensing boilers for instantaneous and heating-only applications
1,75 ÷ 34,5 kW
Edea HM
High-modulation wall-hung condensing boilers for instantaneous and heating-only applications
2,5 ÷ 40,0 kW
Vera EV HE
Wall-hung condensing boilers for instantaneous applications
4,0 ÷ 30,0 kW
Mia HE
Wall-hung condensing boilers for instantaneous and heating-only applications
4,0 ÷ 37,7 kW
Edea HM 25-35/55
High-modulation wall-hung condensing boilers with DHW storage tank
2,5 ÷ 34,8 kW
Murelle HE 25-30/55 ErP
Wall-hung condensing boilers with DHW storage tank
6,1 ÷ 28,9 kW
Open Solar HE ErP
Outdoor condensing boilers for built-in installation with DHW storage tank and solar integration
4,7 ÷ 28,9 kW
Atlantis HM ErP
Floor-standing condensing boilers with DHW storage tank and for heating-only applications
2,7 ÷ 28,8 kW
Uniqa Revolution
Wall-hung standard boilers with active heat recovery for instantaneous applications
8,9 ÷ 22,9 kW
Vera OF ErP
Wall-hung standards boilers with open chamber for instantaneous applications
8,8 ÷ 20,8 kW
HEAT OUTPUT

MURELLE HM PLUS

HIGH-TECHNOLOGY **WALL-HUNG CONDENSING BOILERS** FOR INSTANTANEOUS AND HEATING-ONLY APPLICATIONS

LOW NOX EMISSIONS
ELECTRICAL PROTECTION
WIDE MODULATION RANGE
WI-FI CONNECTIVITY
INTEGRATED WEATHER COMPENSATION
CHIMNEY SWEEP FUNCTION
CASCADE MANAGEMENT
3 STAR DHW PERFORMANCE
ANTIFREEZE PROTECTION TILL -5°C
AUTOMATIC BY-PASS
MODULATING PUMP
RANGE RATED

H2 20% BIO METHANE 100% GREEN FLAME

PRODUCT ADVANTAGES

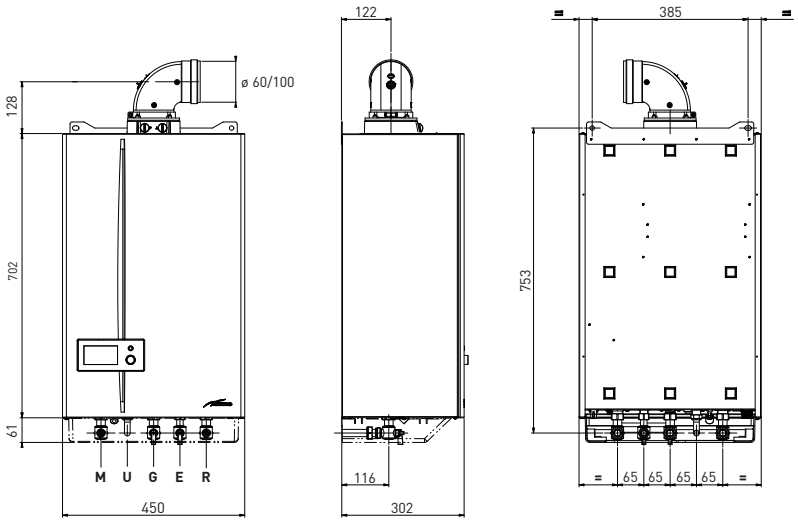
- It works with a blend of natural gas and hydrogen up to 20%
- Modulation range up to 1:15
- Stainless steel coil heat exchanger
- 2 heating-only versions: 24,5 and 33,9 kW with built-in diverter valve (T version)
- 3 versions with domestic hot water production from 24.5 to 34.5 kW
- Wi-Fi connection for system control via mobile app (with optional accessory)
- Pneumatic combustion control
- Modulating pump and flow / return sensors for constant delta T heating management
- Optional outdoor sensor for integrated climate control
- Optional Thermal Insulation for Plate Heat Exchanger
- Oversized Plate Heat Exchanger
- Management of 15 types of systems (some with optional relay module)
- Multifunction Expansion Board (optional)
- Configured for solar thermal system integration
- Large backlit multilingual display
- Combined with three wireless room sensors, the boilers reach class A+

PRODUCTS

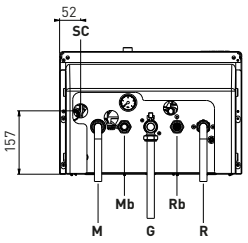
MODELS
Murelle HM Plus 25
Murelle HM Plus 25 (LPG version)
Murelle HM Plus 30
Murelle HM Plus 30 (LPG version)
Murelle HM Plus 35

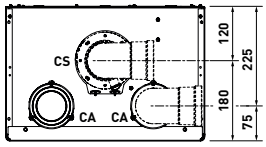
MODELS
Murelle HM Plus 35 (LPG version)
Murelle HM Plus 25 T
Murelle HM Plus 30 T
Murelle HM Plus 30 T (LPG version)
Murelle HM Plus 35 T

DIMENSIONS

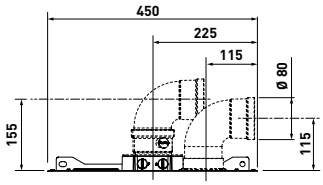


T Version





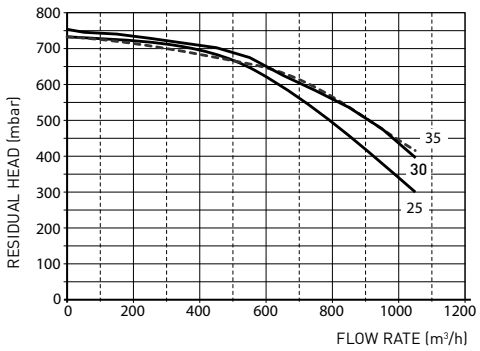
Separate ducts



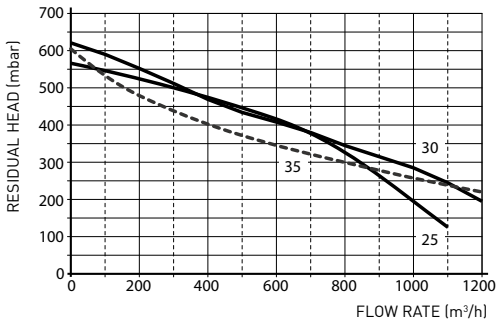
LEGEND		25-30-35 T	25-30-35
M	Central heating flow	3/4"	3/4"
R	Central heating return	3/4"	3/4"
G	Gas supply	3/4"	3/4"
Rb	DHW tank return	3/4"	–
Mb	DHW tank flow	3/4"	–
E	DHW inlet	–	1/2"
U	DHW outlet	–	1/2"
SC	Condensate drain	ø 20	ø 20
CA	Inlet duct Ø 80 and 60		
CS	Outlet duct Ø 80 and 60		
	Concentric duct Ø 60/100 and 80/125		

HYDRAULIC HEAD

Murelle HM Plus T



Murelle HM Plus



TECHNICAL FEATURES

Murelle HM Plus		**25**	**30**	**35**	**25 T**	**30 T**	**35 T**
DHW output	kW	1,75÷24,5	2,1÷29,5	2,5÷34,5	–	–	–
Heat output (50-30°C)	kW	1,81÷26,4	2,17÷31,8	2,60÷37,2[1]	1,81÷26,4	2,17÷31,8	2,60÷37,2[1]
DHW flow rate Dt 30°C (EN 13203)	l/min	11,4	14,0	16,1	–	–	–
Heating energy efficiency class		A	A	A	A	A	A
Sound power	dB(A)	51	52	53	51	52	53
DHW energy efficiency class		A	A	A	–	–	–
DHW load profile		XL	XL	XL	–	–	–
Weight	kg	32,4	34,0	35,6	31,9	33,5	35,1

ACCESSORIES

DESCRIPTION	Code
LPG conversion kit vers. 25 - 25 T	**5185138**
LPG conversion kit vers. 30 - 30 T	**5185139**
LPG conversion kit vers. 35 - 35 T	**5185140**
Fixing jig	**8081221**
Lower drilling template (50 pieces)	**8075437**
Elbows and gas cock kit/DHW inlet	**8075418**
Valves kit	**8091806**
Valves kit (T version)	**8091820**
Replacement fittings kit for other boiler models	**8093900**
Elbows and gas cock kit DIN-SIME	**8075443**
Valve pack with DIN-SIME connections	**8075442**
Contact sensor + mixing valve	**8092269**
Cascade management board	**8092268**
Expansion board	**8092272**
Water softener kit	**8101700**
Water softener recharging kit (6 pieces)	**8101710**

DESCRIPTION	Code
Compact Dirt Separator Kit PHASING OUT	**8101750**
Technopolymer Dirt Separator Kit AVAILABLE SOON	**8101751**
Anti-Freeze Resistances Kit (-15°C)	**8089816**
Solar Kit for Instantaneous Versions	**8105101**
Contact Sensor Downstream of the Hydraulic separator	**6277122**
Sime Home Plus Remote Control[1]	**8092281**
Sime Home remote control	**8092280**
Sime Linker Plus Remote Control AVAILABLE SOON	**8118921**
Weekly Heating-Cooling Thermostat	**8113511**
Condensate Pump Kit	**8105302**
Concentrator Kit + One Wireless Room sensor	**8094121**
Wireless Room sensor	**8094110**
Wi-Fi Antenna Kit	**8092298**
Relay Board	**8092264**
Outdoor Temperature Sensor	**8094101**
Solar Collector Sensor	**6231392**

[1] Not manageable through the mobile app, does not display system information (solar and zones).

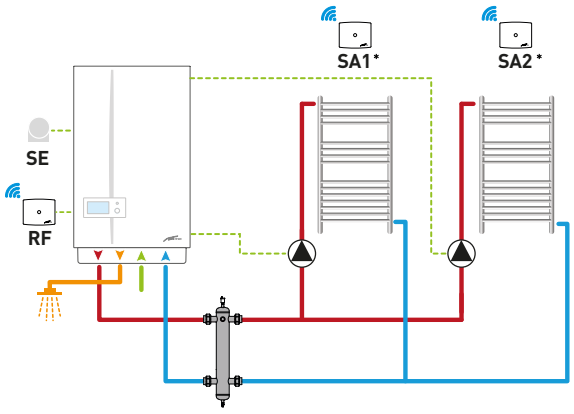
FLUE DUCTS

CONCENTRIC FLUE DUCTS	Code
Concentric polypropylene flue duct kit Ø 60/100 with intake connections	**8096250**
Concentric polypropylene flue duct kit Ø 80/125	**8096253**
Adapter for Ø 80/125	**8093150**
Vertical extension in polypropylene Ø 60/100 L.140 with intake connections	**8086950**
Extension in polypropylene Ø 80/125 L.1000	**8096171**
Extension in polypropylene Ø 80/125 L.500	**8096170**
Additional 90° elbow in polypropylene Ø 80/125	**8095870**
Additional 45° elbow in polypropylene Ø 80/125	**8095970**
Extension in polypropylene Ø 60/100 L.1000	**8096150**
Extension in polypropylene Ø 60/100 L.500	**8096151**
Additional 90° elbow in polypropylene Ø 60/100	**8095850**
Additional 45° elbow in polypropylene Ø 60/100	**8095950**
Roof outlet terminal in polypropylene (outdoor Ø 125)	**8091205**
Tile with joint for roof outlet terminal	**8091300**

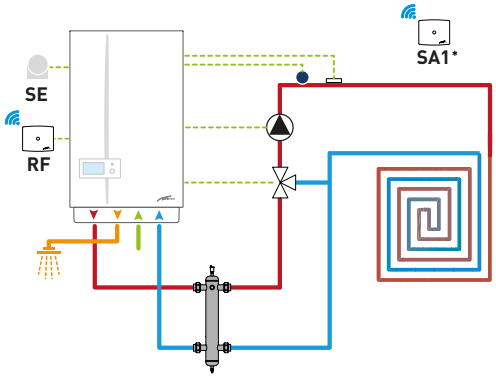
SEPARATE FLUE DUCTS	Code
Separate polypropylene flue duct kit Ø 80	**8089912**
Separate intake/exhaust flue duct kit in polypropylene Ø 60	**8089913**
Extension in polypropylene Ø 80 L.1000 (includes 6 pieces)	**8077351**
Extension in polypropylene Ø 80 L.500 (includes 6 pieces)	**8077350**
Extension in polypropylene Ø 60 L.1000	**8089920**
MF reduction Ø 60/80	**8089923**
Kit clamps for internal and outdoor use for Ø 80 tube	**8091500**
Kit clamps for internal and outdoor use for Ø 60 tube	**8091510**
Clamps kit for connecting extensions and elbows Ø 80 (includes 5 pieces)	**8092700**
90° Elbow MF Ø 80 in polypropylene (includes 6 pieces)	**8077450**
45° Elbow MF Ø 80 in polypropylene (includes 6 pieces)	**8077451**
45° Elbow MF Ø 60 in polypropylene	**8089922**
90° Elbow MF Ø 60 in polypropylene with smoke analysis port	**8089924**
Stainless steel intake terminal Ø 80	**8089500**
Stainless steel intake terminal Ø 60	**8089540**
Stainless steel exhaust terminal Ø 80	**8089501**
Stainless steel exhaust terminal Ø 60	**8089541**
Roof outlet terminal in polypropylene L.1381	**8091204**
Tile with joint for roof outlet terminal	**8091300**
Manifold to combine separate ducts into a single outlet	**8091400**
Condensate recovery tee Ø 80 to be used on the exhaust duct	**8093310**
Clapet valve kit for installation C(10)	**6296543**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

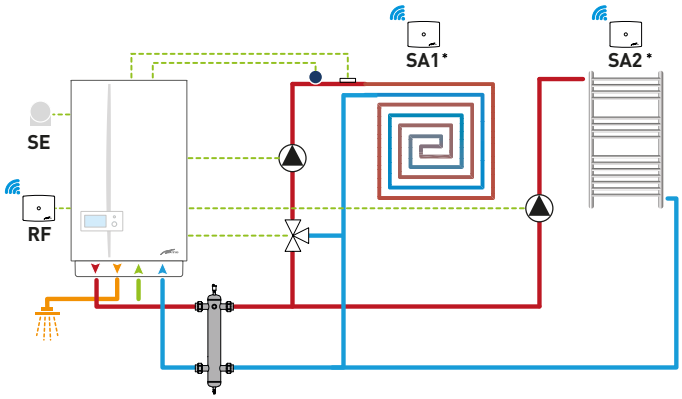
MANAGED SYSTEM SOLUTIONS



SOLUTION 1
MURELLE HM PLUS INSTANTANEOUS
TWO DIRECT ZONES

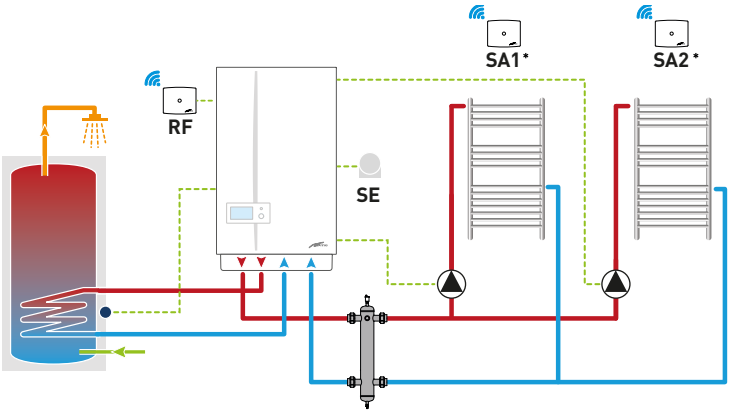


SOLUTION 2
MURELLE HM PLUS INSTANTANEOUS
MIXED SYSTEM



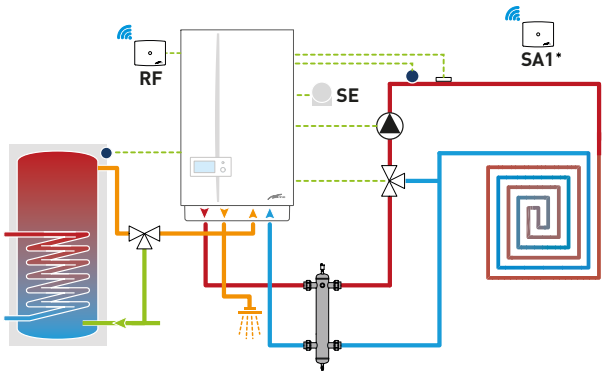
SOLUTION 3
MURELLE HM PLUS INSTANTANEOUS
ONE DIRECT ZONE AND ONE MIXED ZONE
WITH DIFFERENT CLIMATIC CONDITIONS

NOTE: To implement this system solution with **Murelle HM Plus**, the relay board kit accessory is required.

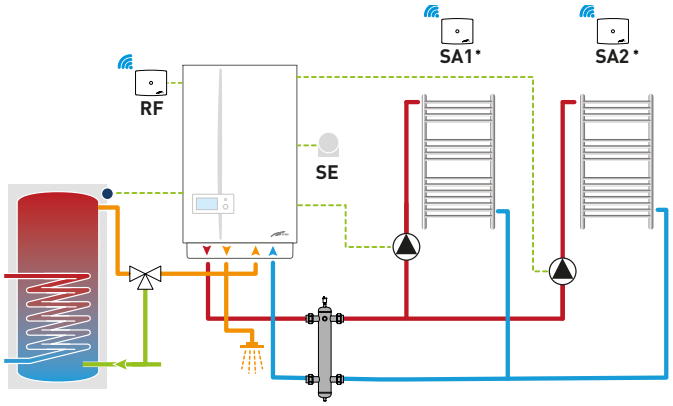


SOLUTION 4
MURELLE HM PLUS HEATING ONLY
TWO DIRECT ZONES AND REMOTE
DOMESTIC HOT WATER TANK

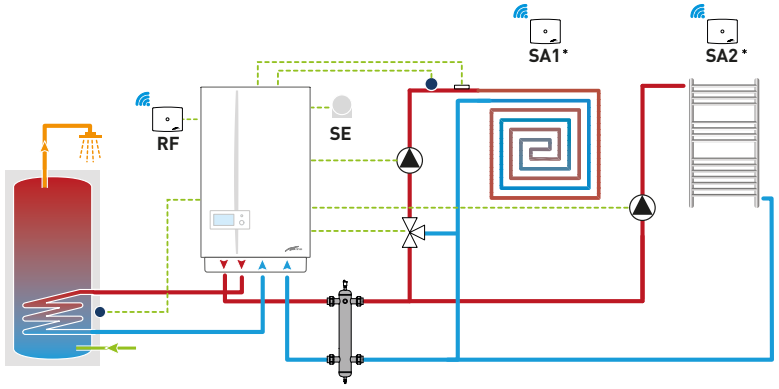
* Wireless room sensors (SA1 - SA2) and radiofrequency receiver (RF) allow complete management of the zones and the boiler via the **Sime Connect** App. Alternatively, traditional room thermostats can be used, limiting the app control to the boiler only.



SOLUTION 5
MURELLE HM PLUS INSTANTANEOUS
MIXED SYSTEM AND REMOTE PRE-HEATED DOMESTIC HOT WATER TANK

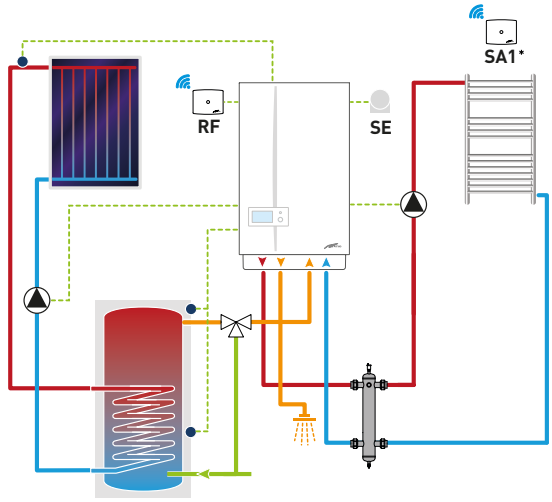


SOLUTION 6
MURELLE HM PLUS INSTANTANEOUS
TWO DIRECT CIRCUITS AND REMOTE PREHEATED DOMESTIC HOT WATER TANK



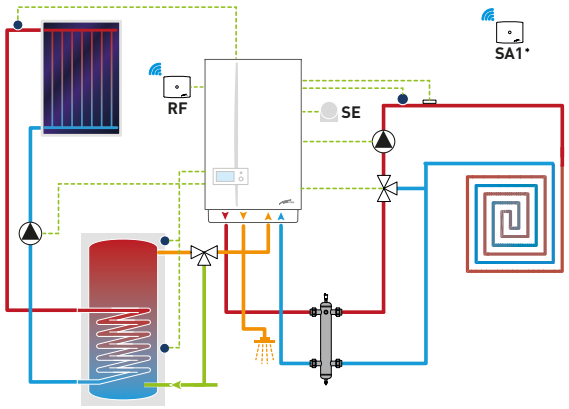
SOLUTION 7
MURELLE HM PLUS HEATING ONLY
ONE DIRECT ZONE, ONE MIXED ZONE WITH DIFFERENT CLIMATIC CURVES, AND REMOTE DOMESTIC HOT WATER TANK

NOTE: To implement this system solution with **Murelle HM Plus**, the relay board kit accessory is required.



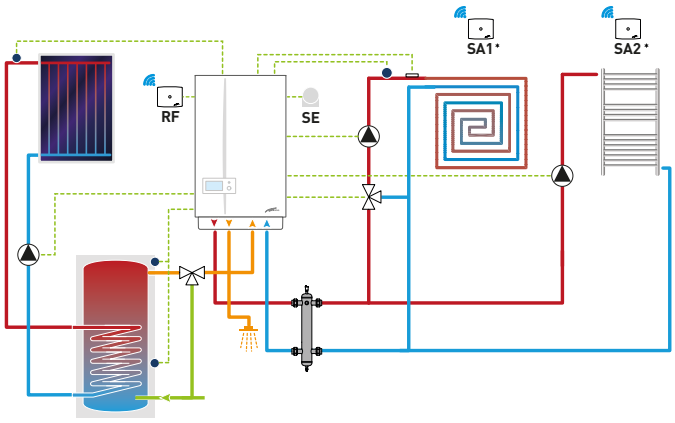
SOLUTION 8
MURELLE HM PLUS INSTANTANEOUS
DIRECT SYSTEM AND FORCED SOLAR SYSTEM MANAGEMENT

* Wireless room sensors (SA1 - SA2) and radiofrequency receiver (RF) allow complete management of the zones and the boiler via the **Sime Connect** app. Alternatively, traditional room thermostats can be used, limiting the app control to the boiler only.



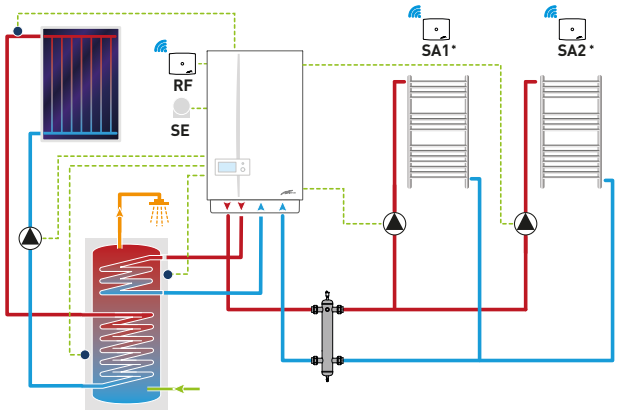
SOLUTION 9
MURELLE HM PLUS INSTANTANEOUS
MIXED SYSTEM AND FORCED SOLAR SYSTEM MANAGEMENT

NOTE: To implement this system solution with **Murelle HM Plus**, the relay board kit accessory is required

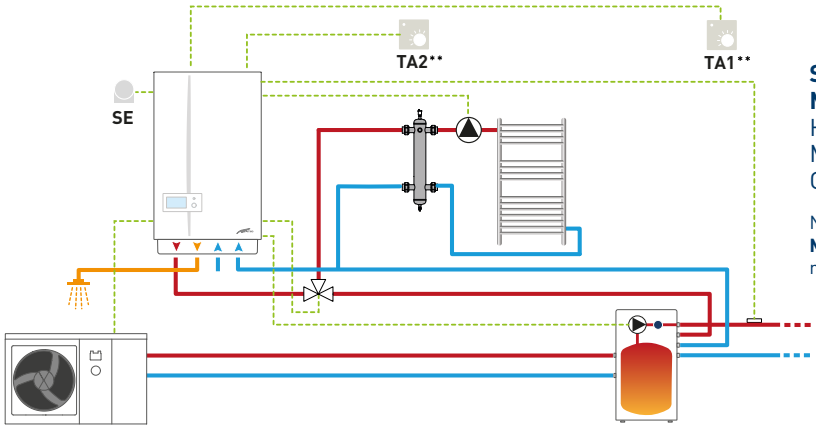


SOLUTION 10
MURELLE HM PLUS INSTANTANEOUS
ONE DIRECT ZONE, ONE MIXED ZONE WITH DIFFERENT CLIMATIC CURVES, AND FORCED SOLAR SYSTEM MANAGEMENT

NOTE: To implement this system solution with **Murelle HM Plus**, the relay board kit accessory is required



SOLUTION 11
MURELLE HM PLUS HEATING ONLY
TWO DIRECT ZONES, REMOTE DOMESTIC HOT WATER TANK, AND FORCED SOLAR SYSTEM MANAGEMENT

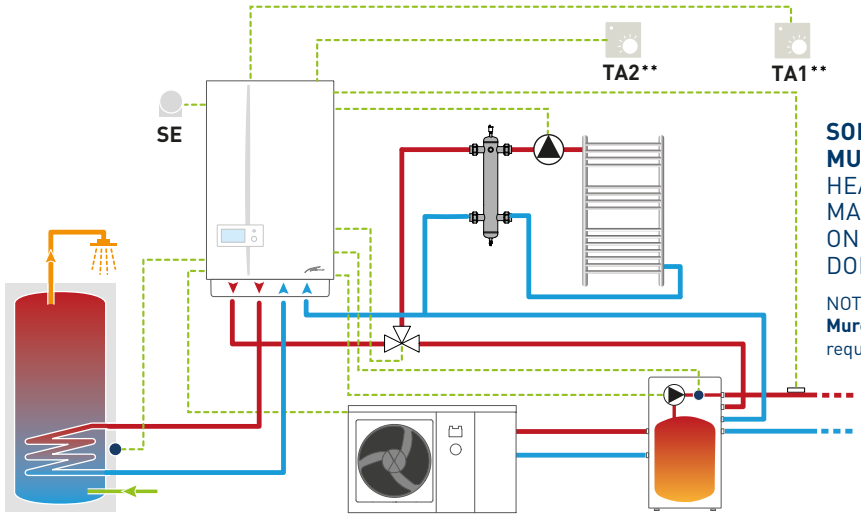


SOLUTION 12
MURELLE HM PLUS INSTANTANEOUS
HEATING/COOLING SYSTEM MANAGEMENT AND DIRECT ZONE SERVED ONLY BY THE BOILER

NOTE: To implement this system solution with **Murelle HM Plus**, the relay board kit accessory is required cod. 8092264

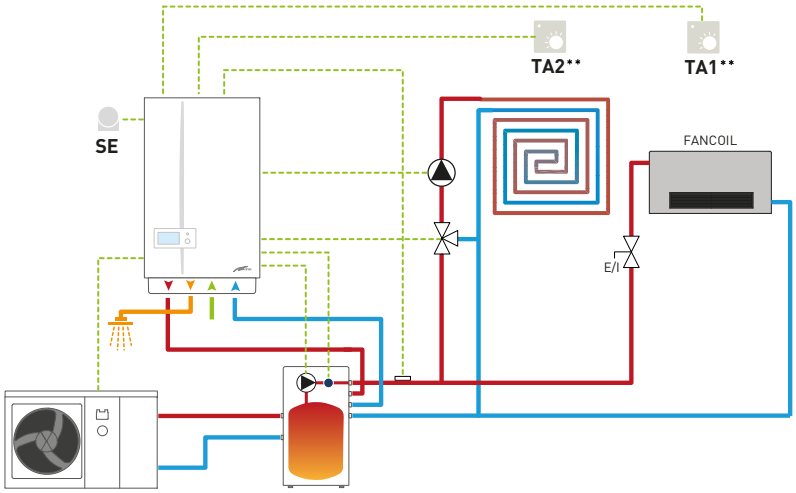
* Wireless room sensors (SA1 - SA2) and radiofrequency receiver (RF) allow full management of the zones and the boiler via the **Sime Connect** app. Alternatively, traditional room thermostats can be used, limiting the app control to the boiler only.

** For heating/cooling systems, only traditional room thermostats can be used, limiting app control to the boiler only.



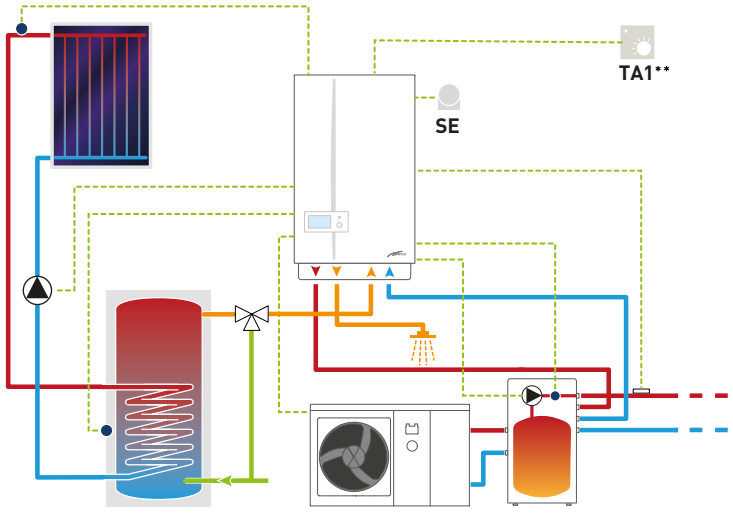
SOLUTION 13
MURELLE HM PLUS HEATING ONLY
HEATING/COOLING SYSTEM MANAGEMENT, DIRECT ZONE SERVED ONLY BY THE BOILER, AND REMOTE DOMESTIC HOT WATER TANK

NOTE: To implement this system solution with **Murelle HM Plus,** the relay board kit accessory is required cod. 8092264



SOLUTION 14
MURELLE HM PLUS INSTANTANEOUS
A HEATING/COOLING SYSTEM WITH ONE MIXED CIRCUIT AND ONE DIRECT CIRCUIT TO THE FAN COILS

NOTE: To implement this system solution with **Murelle HM Plus,** the relay board kit accessory is required cod. 8092264



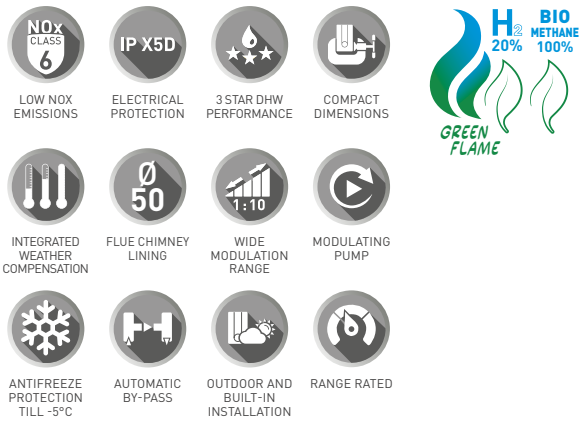
SOLUTION 15
MURELLE HM PLUS INSTANTANEOUS
HEATING/COOLING SYSTEM MANAGEMENT AND FORCED SOLAR SYSTEM

NOTE: To implement this system solution with **Murelle HM Plus**, the relay board kit accessory is required cod. 8092264

** For heating/cooling systems, only traditional room thermostats can be used, limiting app control to the boiler only.

EDEA HM

HIGH-MODULATION **WALL-HUNG CONDENSING BOILERS** FOR INSTANTANEOUS AND HEATING-ONLY APPLICATIONS



PRODUCT ADVANTAGES

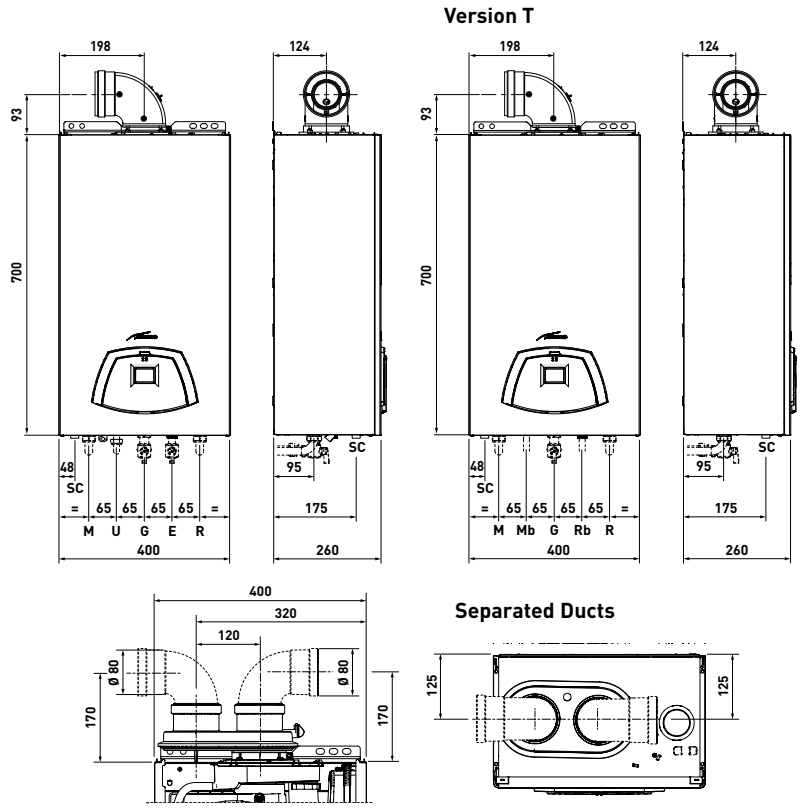
- It works with a blend of natural gas and hydrogen up to 20%
- Stainless steel coil heat exchanger with larger sections
- Extremely compact dimensions for all models
- Modulation range 1:10
- Possibility of chimney lining using rigid or flexible ducts with diameters Ø 60 mm or Ø 50 mm
- Pneumatic combustion system
- Can be installed outdoors and built-in using accessories
- 2 versions for heating-only from 25,0 to 34,8 kW equipped with diverter valve (T version)
- 4 versions with instantaneous domestic hot water production from 25,0 to 40,0 kW
- Modulating pump and flow/return sensors for constant delta T heating management
- Integrated climate control
- Domestic hot water pre-heating function
- Configured for combination with solar thermal system
- Optional management of mixed zones

PRODUCTS

MODELS
Edea HM 25
Edea HM 25 (LPG version)
Edea HM 30
Edea HM 30 (LPG version)
Edea HM 35
Edea HM 35 (LPG version)

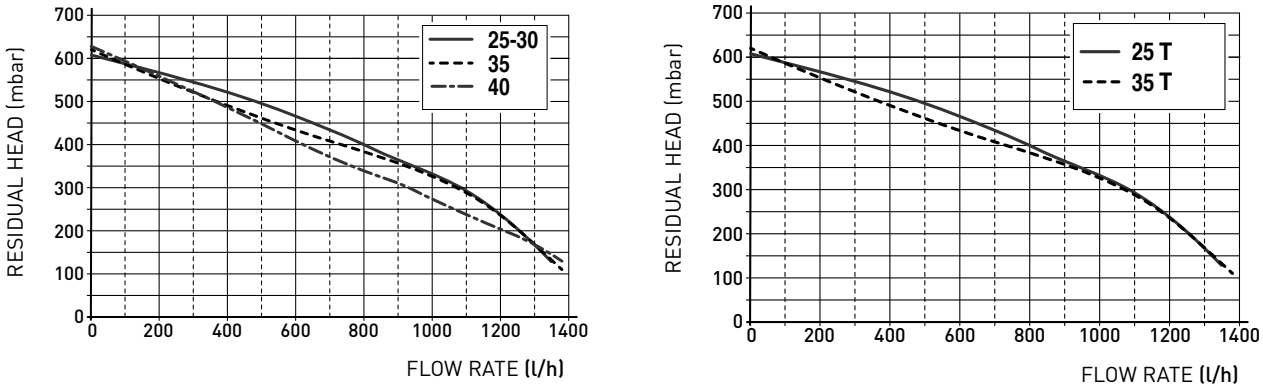
MODELS
Edea HM 40
Edea HM 40 (LPG version)
Edea HM 25 T
Edea HM 25 T (LPG version)
Edea HM 35 T
Edea HM 35 T (LPG version)

DIMENSIONS



LEGEND		25-35 T	25-30-35-40
M	Central heating flow	3/4"	3/4"
R	Central heating return	3/4"	3/4"
G	Gas supply	3/4"	3/4"
Mb	DHW tank flow	3/4"	-
Rb	DHW tank return	3/4"	-
E	DHW inlet	-	1/2"
U	DHW outlet	-	1/2"
SC	Condensate drain	ø 25	ø 25

HYDRAULIC HEAD



TECHNICAL FEATURES

Edea HM		25	30	35	40	25 T	35 T
DHW output	kW	2,5÷25,0	3,0÷30,0	3,48÷34,8[1]	4,5÷40,0	–	–
Heat output (50-30°C)	kW	2,6÷26,4	3,1÷26,4	3,6÷32,0	4,7÷36,7	2,6÷26,4	4,7÷36,7
DHW flow rate DT 30°C (EN 13203)	l/min	11,3	13,0	16,5	18,8	–	–
Heating energy efficiency class		A	A	A	A	A	A
Sound power	dB(A)	50	51	53	54	50	54
DHW energy efficiency class		A	A	A	A	–	–
DHW load profile		XL	XL	XL	XXL	–	–
Weight	kg	28,3	28,4	30,2	30,8	27,4	29,9

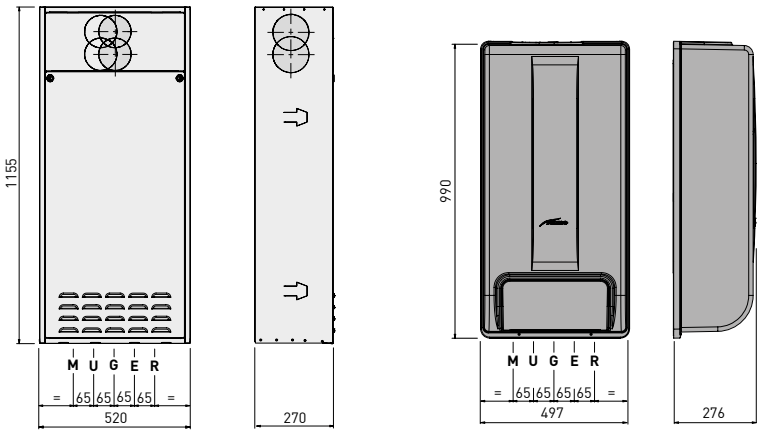
OUTDOOR VERSION

The boilers in the Edea HM range, thanks to their reduced depth, can be installed outdoors or built-in using specific accessories.
The table highlights the necessary accessories for configuring the products.

Casing for outdoor installation

Built-in installation frame

DIMENSIONS



LEGEND		
M	Central heating flow	3/4"
R	Central heating return	3/4"
G	Gas supply	3/4"
E	DHW inlet	1/2"
U	DHW outlet	1/2"

POSSIBLE CONFIGURATIONS

● necessary accessories
○ optional accessories

OUTDOOR/ BUILT-IN INSTALLATION ACCESSORIES	Code	25	30	35	40	25 T	35 T
Built-in installation frame	**8097575**	●	●	●	●	●	●
Casing for outdoor installation [1]	**8110710**						
Sime Home Plus remote control	**8092281**	●	●	●	●	●	●
Valves kit for instantaneous versions	**8075444**	●	●	●	●		
Valves kit for heating-only versions	**8075445**					●	●
Remote water filling kit	**8092263**	○	○	○	○	○	○
Anti-freeze kit -15°C	**8089823**	○	○	○	○	○	○
Outdoor temperature sensor	**8094101**	○	○	○	○	○	○
Solar kit for outdoor versions	**8105103**	○	○	○	○	○	○
Bracket kit for previous version frames	**5193361**	○	○	○	○	○	○
Kit protruding door for older version of frame	**5193360**	○	○	○	○	○	○
Universal door for installation in built-in Sime frames or other brands	**8097572**	○	○	○	○	○	○
Condensate pump kit	**8105302**	○	○	○	○	○	○

[1] The casing for outdoor installation includes an appropriate fixing jig to attach the boiler and casing

ACCESSORIES

DESCRIPTION	Code
LPG conversion kit vers. 25 - 25 T	**5185153**
LPG conversion kit vers. 30	**5185154**
LPG conversion kit vers. 35	**5185155**
LPG conversion kit vers. 35 T - 40	**5185156**
Fixing jig	**8075441**
Lower drilling template (50 pieces)	**8075437**
Boiler support bracket with screws	**8081253**
Gas/domestic water inlet elbows and Valves kit	**8075418**
Connection Valves kit	**8091806**
Connection Valves kit for T version	**8091820**
Replacement fittings kit for other boiler models	**8093900**
Elbows and Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	**8075443**
Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	**8075442**
Outdoor temperature sensor	**8094101**
Fitting protection kit	**8094530**

DESCRIPTION	Code
Relay board (two relays)	**8092264**
Mixed zone + direct zone kit	**8113600**
Four direct zones kit	**8113610**
Water softener kit	**8101700**
Water softener recharging kit (6 pieces) PHASING OUT	**8101710**
Solar kit for instantaneous versions	**8105101**
Compact dirt separator kit	**8101750**
Technopolymer dirt separator kit AVAILABLE SOON	**8101751**
Sime Home remote control	**8092280**
Sime Smart Plus Wi-Fi remote control	**8118901**
Sime Home Plus remote control	**8092281**
Sime Linker Plus remote control AVAILABLE SOON	**8118921**
Weekly heating/cooling thermostat	**8113511**
Condensate pump kit	**8105302**
Solar diverter-mixer kit[1]	**8105104**

[1] To be used only in cases where the solar kit for instantaneous versions (code 8105101) is not applicable, for example, when combined with the Hybrid Kit that uses the AUX sensor input.

FLUE DUCTS

CONCENTRIC DUCTS	Code
Concentric polypropylene duct kit Ø 60/100 with intake connections	**8096250**
Concentric polypropylene duct kit Ø 80/125	**8096253**
Adapter for Ø 80/125	**8093150**
Vertical extension in polypropylene Ø 60/100 L.140 with intake connections	**8086950**
Extension in polypropylene Ø 80/125 L.1000	**8096171**
Extension in polypropylene Ø 80/125 L.500	**8096170**
Additional 90° elbow in polypropylene Ø 80/125	**8095870**
Additional 45° elbow in polypropylene Ø 80/125	**8095970**
Extension in polypropylene Ø 60/100 L.1000	**8096150**
Extension in polypropylene Ø 60/100 L.500	**8096151**
Additional 90° elbow in polypropylene Ø 60/100	**8095850**
Additional 45° elbow in polypropylene Ø 60/100	**8095950**
Roof outlet terminal in polypropylene (outdoor Ø 125)	**8091205**
Tile with joint for roof outlet terminal	**8091300**

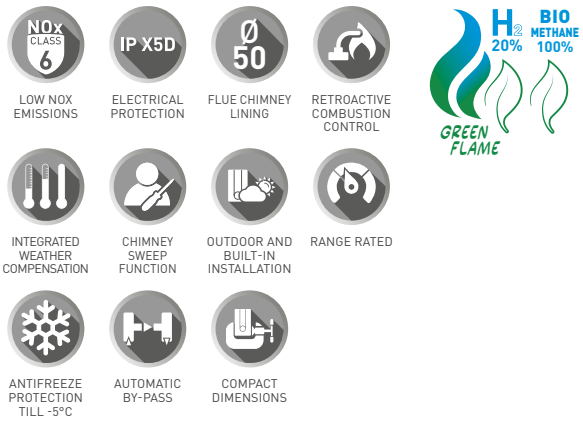
SEPARATED DUCTS	Code
Air intake/exhaust splitter Ø 80	**8093050**
Air intake/exhaust splitter Ø 60	**8093060**
Extension in polypropylene Ø 80 L.1000 (6 pieces)	**8077351**
Extension in polypropylene Ø 80 L.500 (6 pieces)	**8077350**
Extension in polypropylene Ø 60 L.1000	**8089920**
MF reduction Ø 60/80	**8089923**
MF reduction Ø 80/50	**8089941**
Kit clamps for internal and outdoor use for Ø 80 tube	**8091500**
Kit clamps for internal and outdoor use for Ø 60 tube	**8091510**
Clamps kit for connecting extensions and elbows Ø 80 (5 pieces)	**8092700**
90° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077450**
45° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077451**
45° Elbow MF Ø 60 in polypropylene	**8089922**
90° Elbow MF Ø 60 in polypropylene Ø 60 with smoke analysis port	**8089924**
Stainless steel intake terminal Ø 80	**8089500**
Stainless steel intake terminal Ø 60	**8089540**
Stainless steel exhaust terminal Ø 80	**8089501**
Stainless steel exhaust terminal Ø 60	**8089541**
Roof outlet terminal in polypropylene L.1381	**8091204**
Tile with joint for roof outlet terminal	**8091300**
Manifold to combine separate ducts into a single outlet	**8091400**
Condensate recovery tee Ø 80 to be used on the exhaust duct	**8093310**
Clapet valve kit for installation C (10) [1]	**6296543**
Clapet valve kit with diaphragm for installation C (10) [2]	**6296550**

[1] Valid for all models excluding the LPG versions described in note [2].
[2] For LPG versions only: Edea HM 25 cod. 8116701 and Edea HM 25T cod. 8116711.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

VERA EV HE

WALL-HUNG CONDENSING BOILERS FOR INSTANTANEOUS APPLICATIONS



PRODUCT ADVANTAGES

- It works with a blend of natural gasand hydrogen up to 20%
- Silent operation with standard sound-absorbing panels
- New brass hydraulic group with diverter valve featuring a rubber shut-off
- New stainless steel coil heat exchanger with larger sections
- Active combustion control with electronic gas valve and gas change via display
- Extremely compact dimensions
- Central flue exhaust with the possibility of flue pipe lining using rigid or flexible ducts with diameters Ø 60 mm or Ø 50 mm
- 2 versions with domestic hot water production from 24,0 to 30,0 kW
- Integrated climate control
- Domestic hot water management with dedicated sensor
- Installable outdoors and built-in via accessories

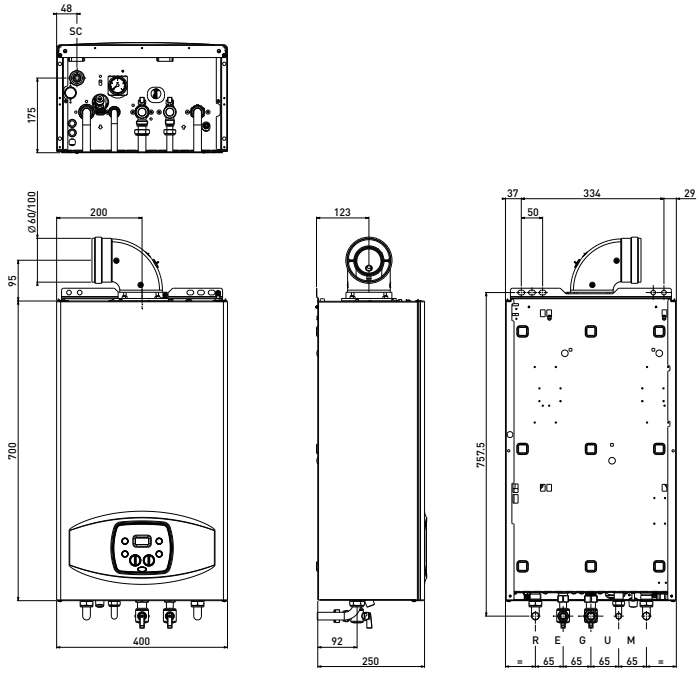
PRODUCTS

MODEL
Vera EV HE 25[1]

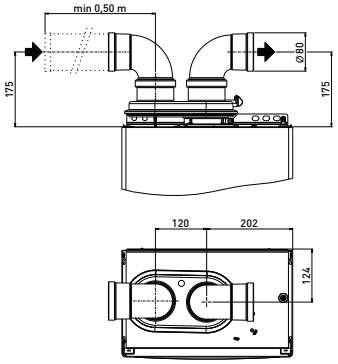
MODEL
Vera EV HE 30[1]

[1] For operation with LPG (G31) set the parameters following the instructions provided in the boiler's manual.

DIMENSIONS



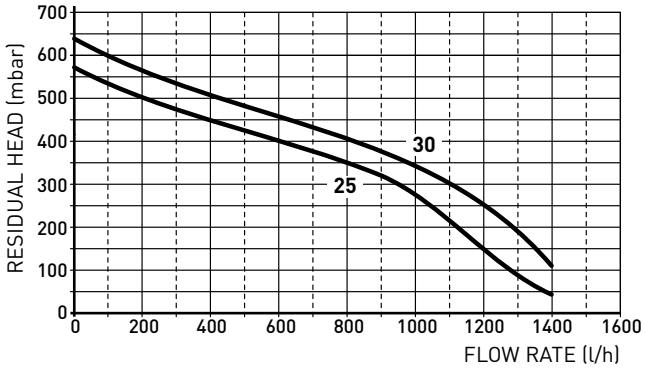
Separated Ducts



LEGEND

M	Central heating flow	3/4"
R	Central heating return	3/4"
G	Gas supply	3/4"
E	DHW inlet	1/2"
U	DHW outlet	1/2"
SC	Condensate drain	ø 25

HYDRAULIC HEAD



TECHNICAL FEATURES

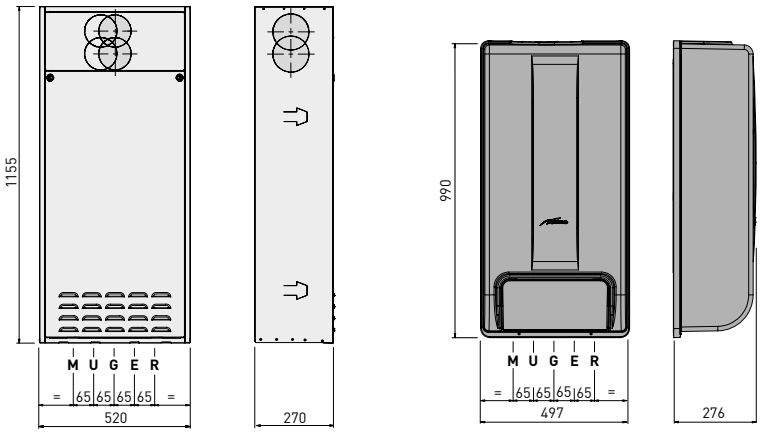
Vera EV HE		**25**	**30**
DHW output	kW	4,0÷24,0	4,8÷30,0
Heat output (50-30°C)	kW	4,2÷21,2	5÷25,5
DHW flow rate DT 30°C (EN 13203)	l/min	11,5	13,6
Heating energy efficiency class		A	A
Sound power	dB(A)	49	51
DHW energy efficiency class		A	A
DHW load profile		XL	XL
Weight	kg	26,5	26,5

OUTDOOR VERSION

The boilers in the Vera EV HE range, thanks to their reduced depth, can be installed outdoors or built-in using specific accessories.
The table highlights the necessary accessories for configuring the products.

Casing for outdoor installation Built-in installation frame

DIMENSIONS



LEGEND		
M	Central heating flow	3/4"
R	Central heating return	3/4"
G	Gas supply	3/4"
E	DHW inlet	1/2"
U	DHW outlet	1/2"

POSSIBLE CONFIGURATIONS

● aecessary accessories
○ optional accessories

OUTDOOR/ BUILT-IN INSTALLATION ACCESSORIES	Code	25	30
Built-in installation frame	**8097575**	●	●
Casing for outdoor installation [1]	**8110710**		
Sime Home Plus remote control	**8092281**	●	●
Elbow kit for instantaneous versions	**8075444**	●	●
Remote water filling kit	**8092263**	○	○
Anti-freeze kit -15°C	**8089823**	○	○
Outdoor temperature sensor	**8094101**	○	○
Bracket kit for previous version frames	**5193361**	○	○
Kit protruding door for older version of frame	**5193360**	○	○
Universal door for installation in built-in Sime frames or other brands	**8097572**	○	○
Condensate pump kit	**8105302**	○	○

[1] The Casing for outdoor installation includes an appropriate fixing jig to attach the boiler and casing.

ACCESSORIES

DESCRIPTION	Code
Fixing jig	**8075441**
Lower drilling template (50 pieces)	**8075437**
Boiler support bracket with screws	**8081253**
Gas/domestic water inlet elbows and Valves kit	**8075418**
Connection Valves kit	**8091806**
Replacement fittings kit for other boiler models	**8093900**
Elbows and Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	**8075443**
Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	**8075442**
Outdoor temperature sensor	**8094101**
Upgraded pump kit 7 meters head (for 25 kW)	**8102642**
AquaGuard filter kit	**8076160**
Fitting protection kit	**8094530**

DESCRIPTION	Code
Relay board (two relays)	**8092264**
Water softener kit	**8101700**
Water softener recharging kit (6 pieces)	**8101710**
Compact dirt separator kit PHASING OUT	**8101750**
Technopolymer dirt separator kit AVAILABLE SOON	**8101751**
Sime Home remote control	**8092280**
Sime Smart Plus Wi-Fi remote control	**8118901**
Sime Home Plus remote control	**8092281**
Sime Linker Plus remote control AVAILABLE SOON	**8118921**
Weekly heating/cooling thermostat	**8113511**
Condensate pump kit	**8105302**
Solar diverter-mixer kit	**8105104**
Pressure transducer kit	**8076171**
Front sound-absorbing panel kit	**8076172**

FLUE DUCTS

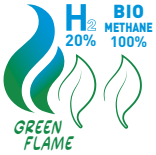
CONCENTRIC DUCTS	Code
Concentric polypropylene duct kit Ø 60/100 with intake connections	**8096250**
Concentric polypropylene duct kit Ø 80/125	**8096253**
Adapter for Ø 80/125	**8093150**
Adapter for Ø 60/100	**8093108**
Vertical extension in polypropylene Ø 60/100 L.140 with intake connections	**8086950**
Extension in polypropylene Ø 80/125 L.1000	**8096171**
Extension in polypropylene Ø 80/125 L.500	**8096170**
Additional 90° elbow in polypropylene Ø 80/125	**8095870**
Additional 45° elbow in polypropylene Ø 80/125	**8095970**
Extension in polypropylene Ø 60/100 L.1000	**8096150**
Extension in polypropylene Ø 60/100 L.500	**8096151**
Additional 90° elbow in polypropylene Ø 60/100	**8095850**
Additional 45° elbow in polypropylene Ø 60/100	**8095950**
Roof outlet terminal in polypropylene (outdoor Ø 125)	**8091205**
Tile with joint for roof outlet terminal	**8091300**

SEPARATED DUCTS	Code
Air intake/exhaust splitter Ø 80	**8093050**
Air intake/exhaust splitter Ø 60	**8093060**
Extension in polypropylene Ø 80 L.1000 (6 pieces)	**8077351**
Extension in polypropylene Ø 80 L.500 (6 pieces)	**8077350**
Extension in polypropylene Ø 60 L.1000	**8089920**
MF reduction Ø 60/80	**8089923**
MF reduction Ø 80/50	**8089941**
Kit clamps for internal and outdoor use for Ø 80 tube	**8091500**
Kit clamps for internal and outdoor use for Ø 60 tube	**8091510**
Clamps kit for connecting extensions and elbows Ø 80 (5 pieces)	**8092700**
90° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077450**
45° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077451**
45° Elbow MF Ø 60 in polypropylene	**8089922**
90° Elbow MF Ø 60 in polypropylene Ø 60 with smoke analysis port	**8089924**
Stainless steel intake terminal Ø 80	**8089500**
Stainless steel intake terminal Ø 60	**8089540**
Stainless steel exhaust terminal Ø 80	**8089501**
Stainless steel exhaust terminal Ø 60	**8089541**
Roof outlet terminal in polypropylene L.1381	**8091204**
Tile with joint for roof outlet terminal	**8091300**
Manifold to combine separate ducts into a single outlet	**8091400**
Condensate recovery tee Ø 80 to be used on the exhaust duct	**8093310**
Clapet valve kit for installation C (10)	**6296543**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

MIA HE

WALL-HUNG CONDENSING BOILERS
FOR INSTANTANEOUS AND HEATING-ONLY APPLICATIONS



PRODUCT ADVANTAGES

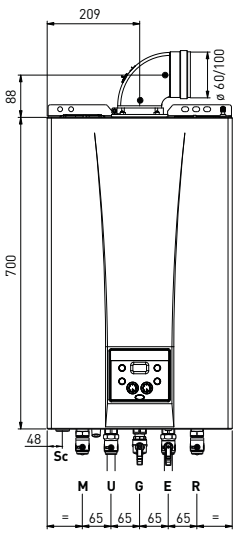
- New stainless steel heat exchanger with increased passage sections
- Compact and lightweight
- Brass hydraulic group
- Combustion control with electronic feedback loop and electronic gas valve
- LCD temperature and diagnostic display
- Efficient heating control connectivity (OpenTherm connection)
- Weather compensation with outdoor sensor (optional)
- D.H.W. management with double sensor and flowmeter
- Built-in clapet and C(10) certification to connect to positive pressure collective flues (only C10 models)
- 5 versions with instantaneous DHW production from 24 to 37,7 kW
- 3 versions heating only from 14 to 30 kW

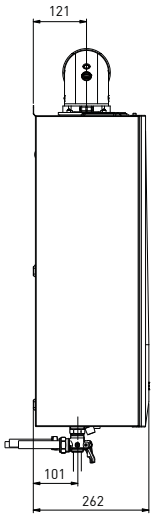
PRODUCTS

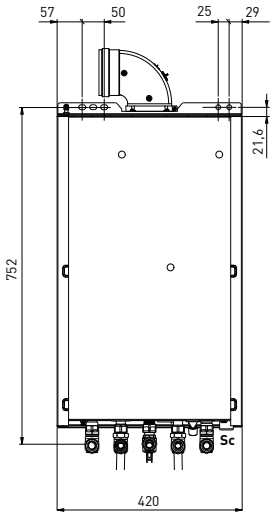
MODELS
Mia HE 25
Mia HE 25 C (10)
Mia HE 30
Mia HE 30 C (10)
Mia HE 40 C (10)

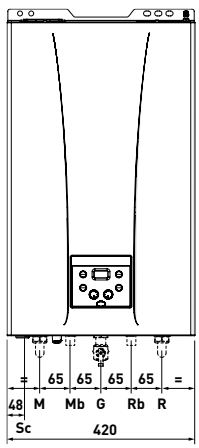
MODELS
Mia HE 14 T
Mia HE 14 T C (10)
Mia HE 20 T C (10)
Mia HE 30 T C (10)

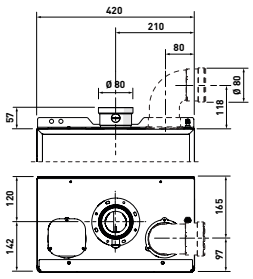
DIMENSIONS







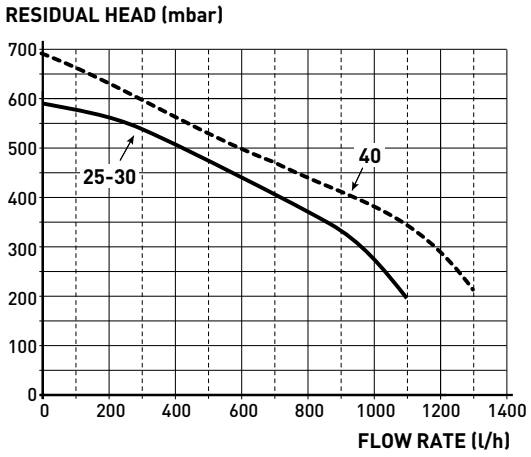


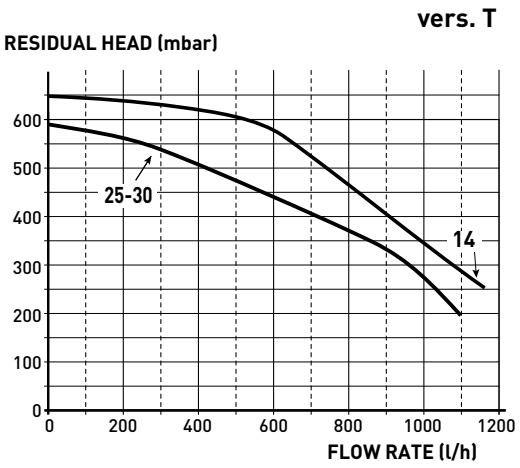


LEGEND

M	Central heating flow	3/4"
R	Central heating return	3/4"
G	Gas supply	3/4"
E	D.H.W. inlet	1/2"
U	D.H.W. outlet	1/2"
Sc	Condensate drain	ø 25

HYDRAULIC HEAD





TECHNICAL FEATURES

Mia HE		25	25 C10	30	30 C10	40 C10	14 T	14 T C10	20 T C10	30 T C10
DHW output	kW	4,0÷24,0	5,0÷24,0	4,8÷30,0	5,0÷30,0	7,5÷37,7	–	–	–	–
Heat output (50-30°C)	kW	4,2÷21,2	5,2÷21,2	5,0÷25,5	5,2÷25,5	7,7÷36,4	4,2÷14,8	5,2÷14,8	5,2÷21,2	5,2÷31,6
DHW flow rate DT 30°C (EN 13203)	l/min	11,0	11,0	14,2	14,2	17,0	–	–	–	–
Heating energy efficiency class		A	A	A	A	A	A	A	A	A
Sound power	dB(A)	55	56	57	57	58	50	47	56	60
DHW energy efficiency class		A	A	A	A	A	–	–	–	–
DHW load profile		XL	XL	XL	XL	XL	–	–	–	–
Weight	kg	27	27	27,5	27,5	30	26	25,5	26	26

ACCESSORIES

DESCRIPTION	Code
Fixing jig	**8075441**
Gas/domestic water inlet elbows and Valves kit	**8075418**
Connection Valves kit	**8091806**
Replacement fittings kit for other boiler models	**8093900**
Elbows and Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	**8075443**
Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	**8075442**
Outdoor temperature sensor	**8094101**

DESCRIPTION	Code
Water softener kit	**8101700**
Water softener recharging kit (6 pieces)	**8101710**
Compact dirt separator kit PHASING OUT	**8101750**
Sime Smart Plus Wi-Fi remote control	**8118901**
Sime Home Plus remote control	**8092281**
Sime Linker Plus remote control AVAILABLE SOON	**8118921**
Weekly heating/cooling thermostat	**8113511**
Built-in installation frame	**8097575**

FLUE DUCTS

CONCENTRIC DUCTS	Code
Concentric polypropylene duct kit Ø 60/100 with intake connections	**8096250**
Vertical extension in polypropylene Ø 60/100 L.140 with intake connections	**8086950**
Extension in polypropylene Ø 60/100 L.1000	**8096150**
Extension in polypropylene Ø 60/100 L.500	**8096151**
Additional 90° elbow in polypropylene Ø 60/100	**8095850**
Additional 45° elbow in polypropylene Ø 60/100	**8095950**
Roof outlet terminal in polypropylene (outdoor Ø 125)	**8091205**
Tile with joint for roof outlet terminal	**8091300**

SEPARATED DUCTS	Code
Separate flue kit Ø 80	**8089912**
Extension in polypropylene Ø 80 L.1000 (6 pieces)	**8077351**
Extension in polypropylene Ø 80 L.500 (6 pieces)	**8077350**
Extension in polypropylene Ø 80 L.135	**8077304**
Kit clamps for internal and outdoor use for Ø 80 tube	**8091500**
Clamps kit for connecting extensions and elbows Ø 80 (5 pieces)	**8092700**
90° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077450**
45° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077451**
Stainless steel intake terminal Ø 80	**8089500**
Stainless steel exhaust terminal Ø 80	**8089501**
Roof outlet terminal in polypropylene L.1381	**8091204**
Tile with joint for roof outlet terminal	**8091300**
Manifold to combine separate ducts into a single outlet	**8091400**
Condensate recovery tee Ø 80 to be used on the exhaust duct	**8093300**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

EDEA HM 25-35/55

HIGH-MODULATION WALL-HUNG CONDENSING BOILERS WITH DHW STORAGE TANK

LOW NOX EMISSIONS

ELECTRICAL PROTECTION

3 STAR DHW PERFORMANCE

WIDE MODULATION RANGE

INTEGRATED WEATHER COMPENSATION

FLUE CHIMNEY LINING

MODULATING PUMP

RANGE RATED

ANTIFREEZE PROTECTION TILL -5°C

AUTOMATIC BY-PASS

GREEN FLAME

PRODUCT ADVANTAGES

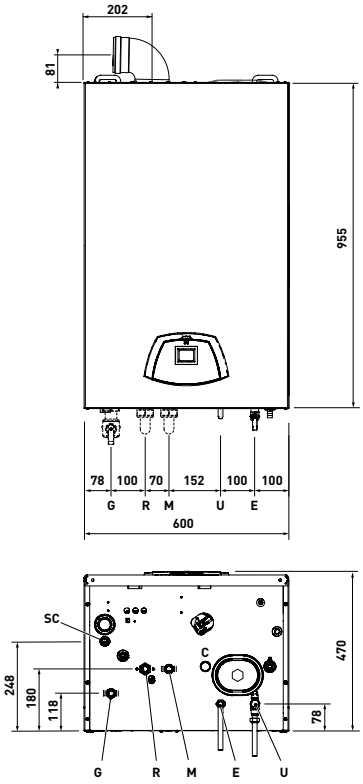
- It works with a blend of natural gas and hydrogen up to 20%
- Stainless steel coil heat exchanger with larger sections
- Stainless steel 55 liters DHW storage tank
- Modulation range 1:10
- Possibility of flue pipe lining using rigid or flexible ducts with diameters Ø 60 mm or Ø 50 mm
- Pneumatic combustion system
- 2 versions from 25,0 to 34,8 kW
- Modulating pump and flow/return sensors for constant delta T heating management
- Integrated climate control
- Optional management of mixed zones

PRODUCTS

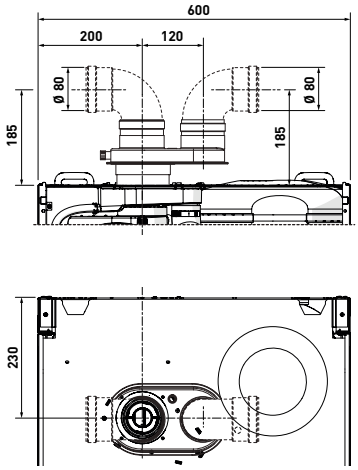
MODELS
Edea HM 25/55
Edea HM 25/55 (LPG version)

MODELS
Edea HM 35/55
Edea HM 35/55 (LPG version)

DIMENSIONS

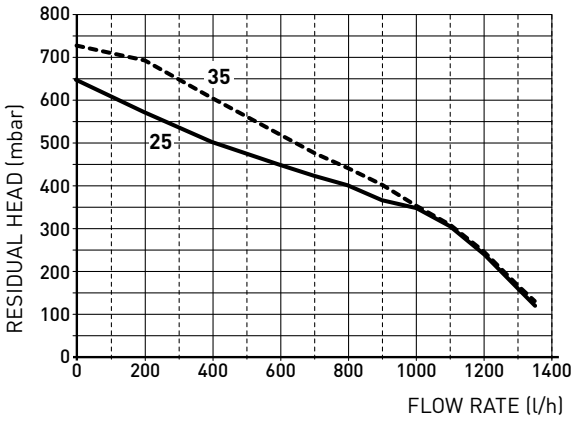


Separated Ducts



LEGEND		
M	Central heating flow	3/4"
R	Central heating return	3/4"
G	Gas supply	3/4"
E	DHW inlet	1/2"
U	DHW outlet	1/2"
C	Recirculation	1/2"
SC	Condensate drain	ø 20

HYDRAULIC HEAD



TECHNICAL FEATURES

Edea HM		**25/55**	**35/55**
DHW output	kW	2,5÷25,0	3,48÷34,8
Heat output (50-30°C)	kW	2,6÷26,4	3,6÷32,0
DHW flow rate DT 30°C (EN 13203)	l/min	16,0	21,0
Heating energy efficiency class		A	A
Sound power	dB(A)	51	52
DHW energy efficiency class		B	B
DHW load profile		XL	XL
Weight	kg	56	58

ACCESSORIES

DESCRIPTION	Code
LPG conversion kit vers. 25/55	**5185153**
LPG conversion kit vers. 35/55	**5185155**
Fixing jig	**8081217**
Connection Valves kit	**8091833**
Replacement fittings kit for other boiler models	**8093900**
Outdoor temperature sensor	**8094101**
Relay board (two relays)	**8092264**
Mixed zone + direct zone kit	**8113600**
Four direct zones kit	**8113610**
Water softener kit	**8101700**

DESCRIPTION	Code
Water softener recharging kit (6 pieces)	**8101710**
Compact dirt separator kit PHASING OUT	**8101750**
Technopolymer dirt separator kit AVAILABLE SOON	**8101751**
Sime Home remote control	**8092280**
Sime Smart Plus Wi-Fi remote control	**8118901**
Sime Home Plus remote control	**8092281**
Sime Linker Plus remote control AVAILABLE SOON	**8118921**
Weekly heating/cooling thermostat	**8113511**
Condensate pump kit	**8105302**

FLUE DUCTS

CONCENTRIC DUCTS	Code
Concentric polypropylene duct kit Ø 60/100 with intake connections	**8096250**
Concentric polypropylene duct kit Ø 80/125	**8096253**
Adapter for Ø 80/125	**8093150**
Vertical extension in polypropylene Ø 60/100 L.140 with intake connections	**8086950**
Extension in polypropylene Ø 80/125 L.1000	**8096171**
Extension in polypropylene Ø 80/125 L.500	**8096170**
Additional 90° elbow in polypropylene Ø 80/125	**8095870**
Additional 45° elbow in polypropylene Ø 80/125	**8095970**
Extension in polypropylene Ø 60/100 L.1000	**8096150**
Extension in polypropylene Ø 60/100 L.500	**8096151**
Additional 90° elbow in polypropylene Ø 60/100	**8095850**
Additional 45° elbow in polypropylene Ø 60/100	**8095950**
Roof outlet terminal in polypropylene (outdoor Ø 125)	**8091205**
Tile with joint for roof outlet terminal	**8091300**

SEPARATED DUCTS	Code
Air intake/exhaust splitter Ø 80	**8093050**
Air intake/exhaust splitter Ø 60	**8093060**
Extension in polypropylene Ø 80 L.1000 (6 pieces)	**8077351**
Extension in polypropylene Ø 80 L.500 (6 pieces)	**8077350**
Extension in polypropylene Ø 60 L.1000	**8089920**
MF reduction Ø 60/80	**8089923**
MF reduction Ø 80/50	**8089941**
Kit clamps for internal and outdoor use for Ø 80 tube	**8091500**
Kit clamps for internal and outdoor use for Ø 60 tube	**8091510**
Clamps kit for connecting extensions and elbows Ø 80 (5 pieces)	**8092700**
90° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077450**
45° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077451**
45° Elbow MF Ø 60 in polypropylene	**8089922**
90° Elbow MF Ø 60 in polypropylene Ø 60 with smoke analysis port	**8089924**
Stainless steel intake terminal Ø 80	**8089500**
Stainless steel intake terminal Ø 60	**8089540**
Stainless steel exhaust terminal Ø 80	**8089501**
Stainless steel exhaust terminal Ø 60	**8089541**
Roof outlet terminal in polypropylene L.1381	**8091204**
Tile with joint for roof outlet terminal	**8091300**
Manifold to combine separate ducts into a single outlet	**8091400**
Condensate recovery tee Ø 80 to be used on the exhaust duct	**8093310**
Clapet valve kit for installation C (10	**6296543**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

MURELLE HE 25-30/55 ErP

WALL-HUNG CONDENSING BOILERS
WITH DHW STORAGE TANK

LOW NOX EMISSIONS
ELECTRICAL PROTECTION
AUTOMATIC BY-PASS
INTEGRATED WEATHER COMPENSATION
CHIMNEY SWEEP FUNCTION
3 STAR DHW PERFORMANCE
ANTIFREEZE PROTECTION TILL -5°C
TWO-CIRCUITS MANAGEMENT
RANGE RATED

BIO METHANE 100%
GREEN FLAME

PRODUCT ADVANTAGES

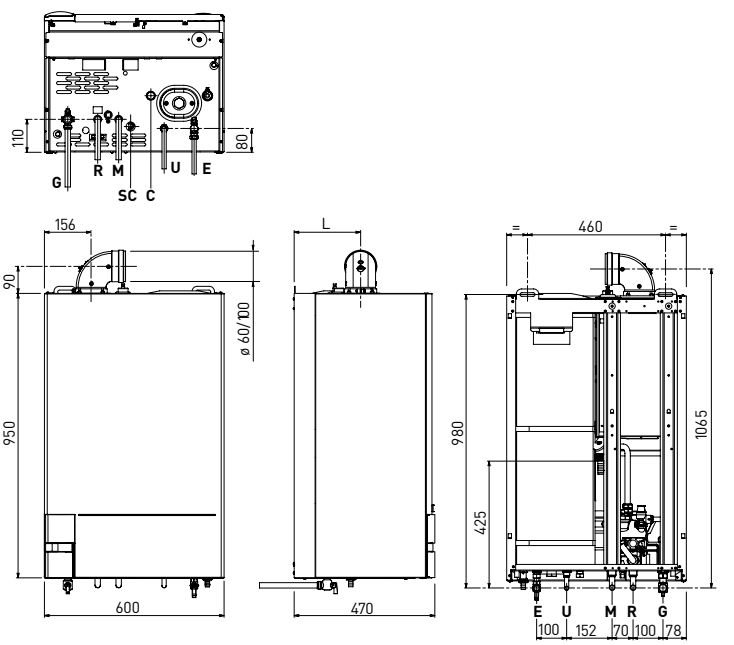
- Stainless steel coil heat exchanger
- Stainless steel 55 liters DHW storage tank
- 2 versions: 23,9 kW and 28,9 kW
- Management of two heating circuits with differentiated temperatures
- Integrated climate control
- Configured for combination with solar thermal system
- Can manage a low-temperature zone via an optional kit

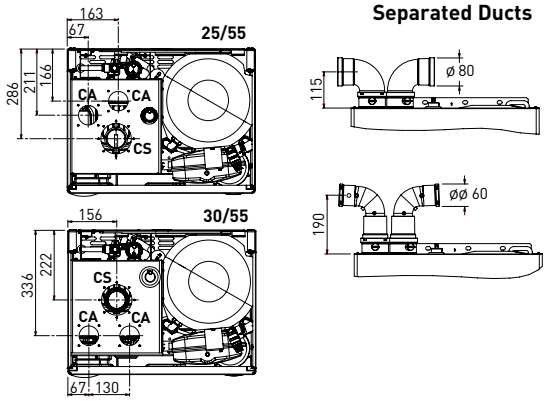
PRODUCTS

MODEL	
Murelle HE 25/55 ErP	PHASING OUT

MODEL	
Murelle HE 30/55 ErP	PHASING OUT

DIMENSIONS





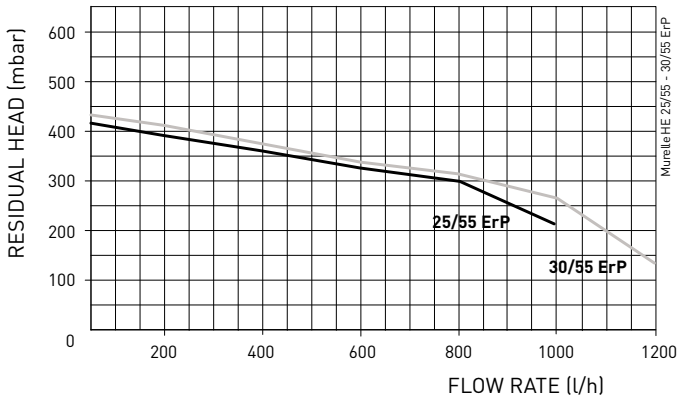
Separated Ducts

DIMENSIONS	25/55	30/55
L mm	286	222

LEGEND

M	Central heating flow	3/4"
R	Central heating return	3/4"
G	Gas supply	3/4"
E	DHW inlet	1/2"
U	DHW outlet	1/2"
C	Recirculation	1/2"
SC	Condensate drain	ø 25
CA	Inlet duct ø 80	
CS	Outlet duct ø 80	
	Concentric duct ø 60/100 and 80/125	

HYDRAULIC HEAD



TECHNICAL FEATURES

Murelle HE ErP		**25/55**	**30/55**
DHW output	kW	6,1÷23,9	7,6÷28,9
Heat output (50-30°C)	kW	7,0÷26,2	8,5÷31,6
DHW flow rate DT 30°C (EN 13203)	l/min	15,5	17,5
Heating energy efficiency class		A	A
Sound power	dB(A)	49	50
DHW energy efficiency class		B	B
DHW load profile		XL	XL
Weight	kg	68	70

ACCESSORIES

DESCRIPTION	Code
LPG conversion kit	**5185130**
Fixing jig	**8081217**
Elbow and gas Valves kit	**8075424**
Connection Valves kit	**8091833**
Replacement fittings kit for other boiler models	**8093900**
Digital weekly programmer clock 24V	**8092229**
Mechanical daily programmer clock 24V	**8092228**
Outdoor temperature sensor	**8094101**
Mixed zone board + Contact flow sensor	**8092237**

DESCRIPTION	Code
Compact dirt separator kit **PHASING OUT**	**8101750**
Technopolymer dirt separator kit **AVAILABLE SOON**	**8101751**
InSol kit	**8092235**
ZonaMix kit	**8092234**
Additional board housing kit	**8092236**
Sime Home Plus remote control [1]	**8092281**
Sime Home remote control	**8092280**
Weekly heating/cooling thermostat	**8113511**
Condensate pump kit	**8105302**

[1] Non-backlit display, summer/winter switch, and parameter access only via the boiler display. Does not display system information (solar and zones).

FLUE DUCTS

CONCENTRIC DUCTS	Code
Concentric polypropylene duct kit Ø 60/100 with intake connections	**8096250**
Concentric polypropylene duct kit Ø 80/125	**8096253**
Adapter for Ø 80/125	**8093150**
Vertical extension in polypropylene Ø 60/100 L.140 with intake connections	**8086950**
Extension in polypropylene Ø 80/125 L.1000	**8096171**
Extension in polypropylene Ø 80/125 L.500	**8096170**
Additional 90° elbow in polypropylene Ø 80/125	**8095870**
Additional 45° elbow in polypropylene Ø 80/125	**8095970**
Extension in polypropylene Ø 60/100 L.1000	**8096150**
Extension in polypropylene Ø 60/100 L.500	**8096151**
Additional 90° elbow in polypropylene Ø 60/100	**8095850**
Additional 45° elbow in polypropylene Ø 60/100	**8095950**
Roof outlet terminal in polypropylene (outdoor Ø 125)	**8091205**
Tile with joint for roof outlet terminal	**8091300**

SEPARATED DUCTS	Code
Separated intake/exhaust duct kit in polypropylene Ø 80	**8089911**
Separated intake/exhaust duct kit in polypropylene Ø 60	**8089914**
Extension in polypropylene Ø 80 L.1000 (6 pieces)	**8077351**
Extension in polypropylene Ø 80 L.500 (6 pieces)	**8077350**
Extension in polypropylene Ø 60 L.1000	**8089920**
MF reduction Ø 60/80	**8089923**
Kit clamps for internal and outdoor use for Ø 80 tube	**8091500**
Kit clamps for internal and outdoor use for Ø 60 tube	**8091510**
Clamps kit for connecting extensions and elbows Ø 80 (5 pieces)	**8092700**
90° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077450**
45° Elbow MF Ø 80 in polypropylene (6 pieces)	**8077451**
45° Elbow MF Ø 60 in polypropylene	**8089922**
90° Elbow MF Ø 60 in polypropylene Ø 60 with smoke analysis port	**8089924**
Stainless steel intake terminal Ø 80	**8089500**
Stainless steel intake terminal Ø 60	**8089540**
Stainless steel exhaust terminal Ø 80	**8089501**
Stainless steel exhaust terminal Ø 60	**8089541**
Roof outlet terminal in polypropylene L.1381	**8091204**
Tile with joint for roof outlet terminal	**8091300**
Manifold to combine separate ducts into a single outlet	**8091400**
Condensate recovery tee Ø 80 to be used on the exhaust duct	**8093310**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

OPEN SOLAR HE ErP

OUTDOOR CONDENSING BOILERS FOR BUILT-IN INSTALLATION WITH DHW STORAGE TANK AND SOLAR INTEGRATION

LOW NOX EMISSIONS

ELECTRICAL PROTECTION

AUTOMATIC BY-PASS

INTEGRATED WEATHER COMPENSATION

CHIMNEY SWEEP FUNCTION

RANGE RATED

ANTIFREEZE PROTECTION TILL -5°C

TWO-CIRCUITS MANAGEMENT

PRODUCT ADVANTAGES

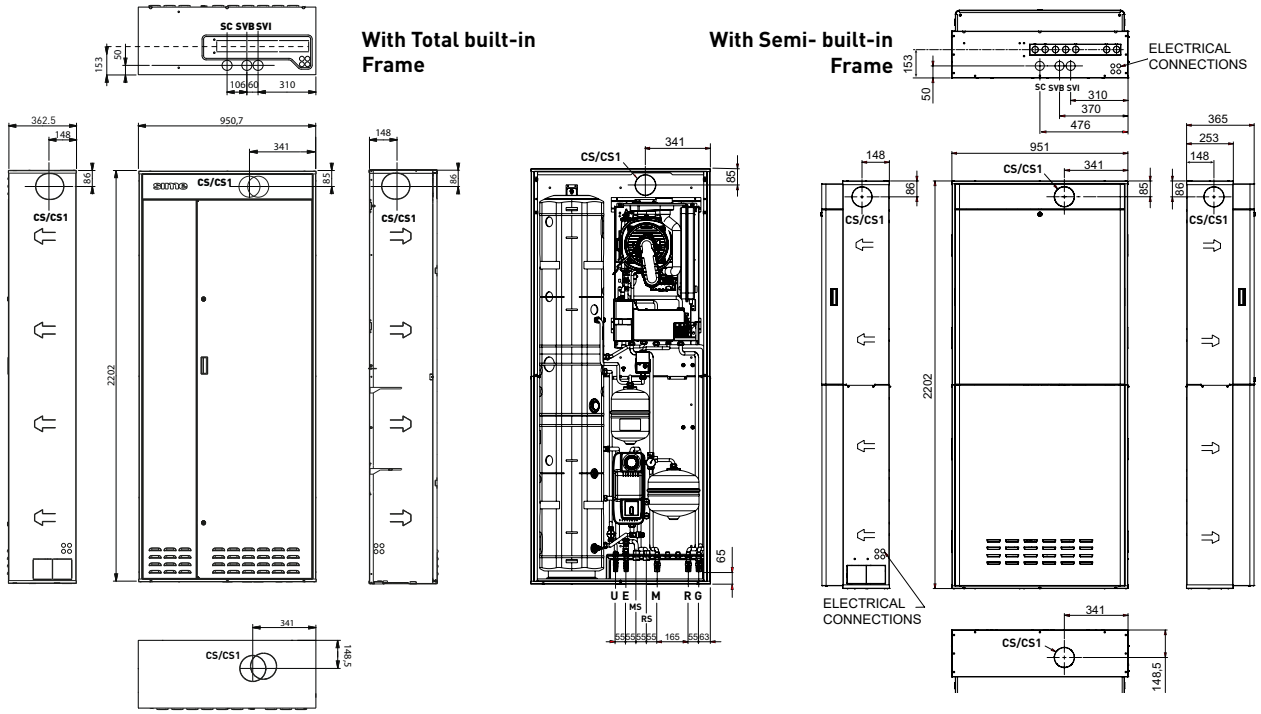
- Stainless steel coil heat exchanger
- Integrated 150 liters stainless steel solar water tank
- 2 versions: 23,9 kW and 28,9 kW
- Integrated climate control (outdoor sensor included)
- Management of two heating circuits with differentiated temperatures
- Configured for combination with solar thermal system
- Optional kits to manage two high-temperature zones or one high-temperature and one low-temperature zone
- Galvanized steel frame tinted proposed by Total built-in version and semi-built-in
- Anti-freeze protection down to -15°C
- Remote control as standard

PRODUCTS

MODELS	
Open Solar HE 25 ErP	PHASING OUT
Open Solar HE 30 ErP	PHASING OUT

MODELS	
Semi- built-in frame with Valves kit	PHASING OUT
Total built-in frame with Valves kit	PHASING OUT

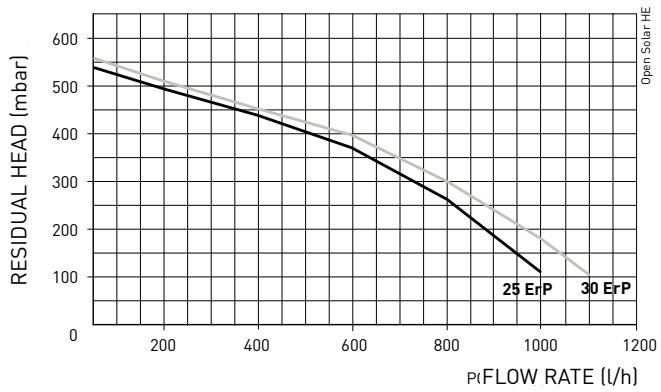
DIMENSIONS



LEGEND

M	Central heating flow	3/4"	**U**	DHW outlet	1/2"	**SVB**	Boiler safety valve discharge
R	Central heating return	3/4"	**MS**	Solar collector flow	1"	**SC**	Condensate drain
G	Gas supply	3/4"	**RS**	Solar collector return	1"	**CS**	Outlet duct ø 80
E	DHW inlet	1/2"	**SVI**	System safety valve discharge		**CS1**	Concentric duct ø 60/100

HYDRAULIC HEAD



TECHNICAL FEATURES

Open Solar HE ErP		**25**	**30**
DHW output	kW	4,7÷23,9	5,9÷28,9
Heat output (50-30°C)	kW	5,3÷26,2	6,6÷31,6
DHW flow rate DT 30°C (EN 13203)	l/min	17,6	20,3
Heating energy efficiency class		A	A
Sound power	dB(A)	53	53
DHW energy efficiency class		B	B
DHW load profile		XL	XL
Boiler/frame weight	kg	93,5/50,4	107,5/50,4

RECOMMENDED COMBINATION WITH SOLAR COLLECTORS

MODEL	Gross surface area (m²)	Net surface area (m²)	Empty weight (kg)	Water content (l)	Box Structure	Collector dimensions (mm) H	L	P	Code
SimeSol 182 (1 pz.)	2,0	1,82	40,0	1,75	Naval aluminum	2.010	1.010	110	**7500800**
Fittings for one collector									**8500300**
Pitch kit									**8501630**
Collector fixing bracket kit resting on flat roof tile for pitch installation (quantity required: 2 pieces)									**5801700**
Anti-freeze tank (100% pure) 10 kg									**8106094**

ACCESSORIES

DESCRIPTION	Code
LPG conversion kit vers. 25	**5185138**
LPG conversion kit vers. 30	**5185139**
Digital weekly programmer clock 24V	**8092229**
Mechanical daily programmer clock 24V	**8092228**
Two high-temperature zone kit	**8100798**
High and low-temperature zone kit	**8100799**

DESCRIPTION	Code
Water softener kit	**8101700**
Water softener recharging kit (6 pieces) PHASING OUT	**8101710**
Compact dirt separator kit	**8101750**
Technopolymer dirt separator kit AVAILABLE SOON	**8101751**
Condensate pump kit	**8105302**
Weekly heating/cooling thermostat	**8113511**

FLUE DUCTS

CONCENTRIC DUCTS	Code
Concentric polypropylene duct kit ø 60/100 with intake connections	**8096250**
Vertical extension in polypropylene ø 60/100 L.140 with intake connections	**8086950**
Extension in polypropylene ø 60/100 L.1000	**8096150**
Extension in polypropylene ø 60/100 L.500	**8096151**
Additional 90° elbow in polypropylene ø 60/100	**8095850**
Additional 45° elbow in polypropylene ø 60/100	**8095950**
Roof outlet terminal in polypropylene (outdoor ø 125)	**8091205**
Tile with joint for roof outlet terminal	**8091300**

SEPARATED DUCTS	Code
Separated polypropylene ducts ø 80	**8089912**
Extension in polypropylene ø 80 L.1000 (6 pieces)	**8077351**
Extension in polypropylene ø 80 L.500 (6 pieces)	**8077350**
Clamps kit for internal and outdoor use for ø 80 tube	**8091500**
Clamps kit for connecting extensions and elbows ø 80 (5 pieces)	**8092700**
90° Elbow MF ø 80 in polypropylene (6 pieces)	**8077450**
45° Elbow MF ø 80 in polypropylene (6 pieces)	**8077451**
Stainless steel intake terminal ø 80	**8089500**
Stainless steel exhaust terminal ø 80	**8089501**
Roof outlet terminal in polypropylene L.1381	**8091204**
Tile with joint for roof outlet terminal	**8091300**
Manifold to combine separate ducts into a single outlet	**8091400**
Condensate recovery tee ø 80 to be used on the exhaust duct	**8093310**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

ATLANTIS HM ErP

FLOOR-STANDING CONDENSING BOILERS WITH DHW STORAGE TANK AND FOR HEATING-ONLY APPLICATIONS

PRODUCT ADVANTAGES

- Modulation range 1:10
- Heat output 28,8 kW
- Atlantis HM 30 T: Heating-only version with built-in diverter valve for connection to a separate DHW storage tank
- Atlantis HM 30/50-30/110: Combi versions with built-in 50 and 110 liters stainless steel DHW tank
- Atlantis HM 30/300: Combi version with built-in 300 liters double coil stainless steel DHW tank
- Modulating pump and central heating flow/return sensors for constant delta T heating management
- Integrated climate control (outdoor sensor included)
- Management of three heating circuits with differentiated temperatures
- Versions 30 T, 30/110, and 30/300 can manage up to three zones, two of which can be mixed, with optional kits integrated into the boiler
- Versions 30/110 and 30/300 can host an optional recirculation kit with an integrated timer
- Version 30/300 can manage a small to medium-sized solar system with the InSol kit provided as standard
- Sound emissions below 47 dB(A)
- ModBus communication via an optional RS-485 card

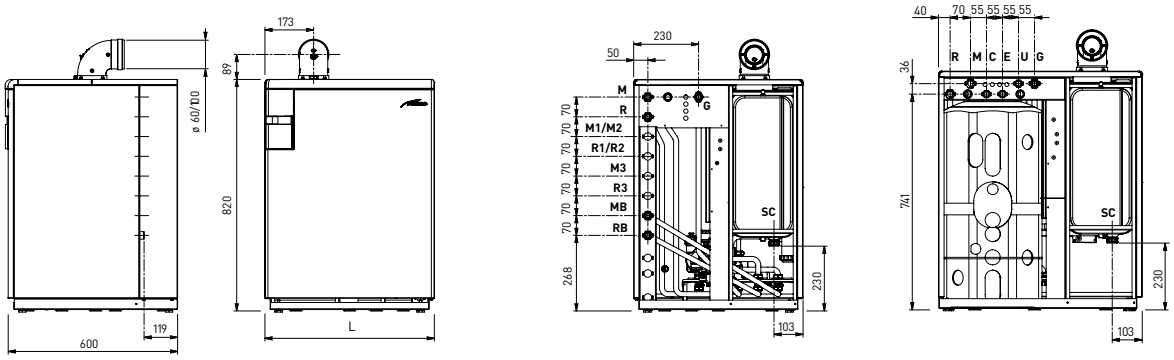
PRODUCTS

MODELS
Atlantis HM 30 T ErP
Atlantis HM 30/50 ErP

MODELS
Atlantis HM 30/110 ErP
Atlantis HM 30/300 ErP

DIMENSIONS

Version 30 T **Version 30/50**

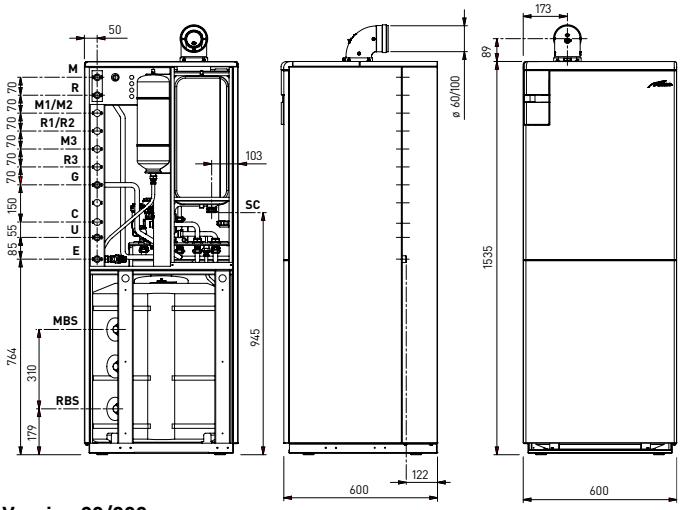


LEGEND		30 T	30/50
M	Central heating flow Zone 1 HIGH	3/4"	3/4"
	System flow	–	–
R	Central heating return Zone 1 HIGH	3/4"	3/4"
	System return	–	–
M1	System flow Zone 2 HIGH[1]	3/4"	–
R1	System return Zone 2 HIGH[1]	3/4"	–
M2	System flow Zone 2 LOW[1]	3/4"	–
R2	System return Zone 2 LOW[1]	3/4"	–
M3	System flow Zone 3 LOW[1]	3/4"	–
R3	System return Zone 3 LOW[1]	3/4"	–
MB	Tank flow	3/4"	–
RB	Tank return	3/4"	–
E	DHW inlet	–	1/2"
U	DHW outlet	–	1/2"
C	Recirculation	–	1/2"
	System loading	–	–
G	Gas supply	3/4"	3/4"
SC	Condensate drain	ø 25	ø 25

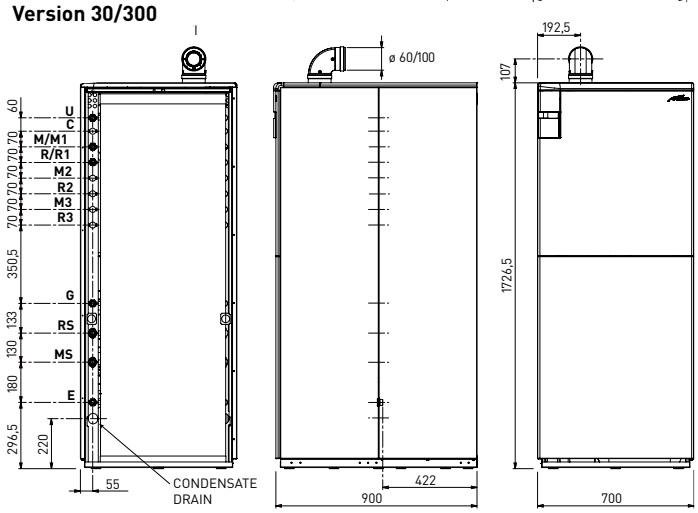
DIMENSIONS		30 T	30/50
L	(mm)	600	700

[1] With optional kits

Version 30/110



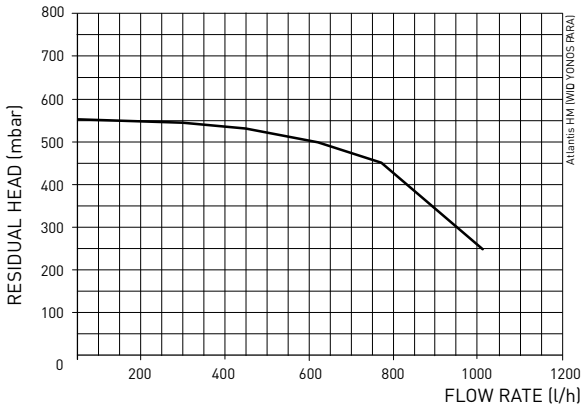
Version 30/300



LEGEND		30/110	30/300
M	Central heating flow Zone 1 HIGH	3/4"	–
	System flow	–	3/4"
R	Central heating return Zone 1 HIGH	3/4"	
	System return	–	3/4"
M1	System flow Zone 2 HIGH[1]	3/4"	3/4"
R1	System return Zone 2 HIGH[1]	3/4"	3/4"
M2	System flow Zone 2 LOW[1]	3/4"	–
	System flow Zone 2 HIGH or LOW[1]	–	3/4"
R2	System return Zone 2 LOW[1]	3/4"	–
	System return Zone 2 HIGH or LOW[1]	–	3/4"
M3	System flow Zone 3 LOW[1]	3/4"	3/4"
R3	System return Zone 3 LOW[1]	3/4"	3/4"
MB	Solar tank flow	3/4"	–
RB	Solar tank return	3/4"	–
MS	Solar collector flow	–	1"
RS	Solar collector return	–	1"
E	DHW inlet	3/4"	3/4"
U	DHW outlet	3/4"	3/4"
C	Recirculation	3/4"	3/4"
G	Gas supply	3/4"	3/4"
SC	Condensate drain	ø 25	ø 25

[1] With optional kits

HYDRAULIC HEAD



TECHNICAL FEATURES

Atlantis HM ErP		30 T	30/50	30/110	30/300
DHW output	kW	–	2,7÷28,8	2,7÷28,8	2,7÷28,8
Heat output (50-30°C)	kW	3,1÷31,4	3,1÷31,4	3,1÷31,4	3,1÷31,4
DHW flow rate DT 30°C (EN 13203)	l/min	–	18,7	25,1	28,5
Heating energy efficiency class		A	A	A	A
Sound power	dB(A)	45	47	42	41
DHW energy efficiency class		–	B	B	B
DHW load profile		–	XL	XXL	XXL
Weight	kg	58	74	106	173

RECOMMENDED COMBINATION WITH 2 SOLAR COLLECTORS FOR VERS. 30/300

MODEL	Gross surface area (m²)	Net surface area (m²)	Dry weight (kg)	Capacity (l)	Structure	Collector dim. (mm) H	L	P	Code
Simesol 230 (2 pz.)	2,5	2,3	50,0	2,12	Naval aluminum	2.010	1.260	110	**8500002**
Fittings for two collectors									**8500301**
Roof mounting kit for two collectors									**8501547**
Collector mounting brackets				(quantity required: 2 pieces)					**5801700**
Anti-freeze tank (100% pure) 10 kg									**8106094**

ACCESSORIES

DESCRIPTION	Code
LPG conversion kit	**5185139**
Connection Valves kit	**8091827**
2-zone low-temperature + high-temperature zone pre-assembled kit for versions 30 T and 30/110[1]	**8100787**
Low-temperature zone + high-temperature zone preassembled kit for versions 30 T and 30/110	**8100786**
2-zone high-temperature preassembled kit for versions 30 T and 30/110[1]	**8100788**
2-zone low-temperature + high-temperature zone pre-assembled kit for versions 30/300[1]	**8100784**
Low-temperature zone + high-temperature zone preassembled kit for versions 30/300	**8100783**
2-zone high-temperature preassembled kit for versions 30/300[1]	**8100785**
Digital weekly programmer clock 24V	**8092229**

DESCRIPTION	Code
Mechanical daily programmer clock 24V	**8092228**
Mixed zone board + Contact flow sensor for version 30/50	**8092237**
InSol kit	**8092235**
Recirculation pump kit for version 30/110	**8102627**
Recirculation pump kit for version 30/300	**8102628**
RS-485 kit for cascade management	**8092243**
RS-485 kit for ModBus communication	**8092244**
Sime Home remote control[3]	**8092280**
Sime Smart Plus Wi-Fi remote control[2]	**8118901**
Sime Home Plus remote control[3]	**8092281**
Weekly heating/cooling thermostat	**8113511**
Condensate pump kit	**8105302**

[1] The use of the Sime Home Plus remote control is required (cod. 8092281).
[2] Summer/winter switch and parameter access only via the boiler display. Does not display system information (solar and zones).
[3] Non-backlit display, summer/winter switch, and parameter access only via the boiler display. Does not display system information (solar and zones).

FLUE DUCTS

CONCENTRIC DUCTS	Code
Concentric polypropylene duct kit ø 60/100 with intake connections	**8096250**
Concentric polypropylene duct kit ø 80/125	**8096253**
Adapter for ø 80/125	**8093150**
Vertical extension in polypropylene ø 60/100 L.140 with intake connections	**8086950**
Extension in polypropylene ø 80/125 L.1000	**8096171**
Extension in polypropylene ø 80/125 L.500	**8096170**
Additional 90° elbow in polypropylene ø 80/125	**8095870**
Additional 45° elbow in polypropylene ø 80/125	**8095970**
Extension in polypropylene ø 60/100 L.1000	**8096150**
Extension in polypropylene ø 60/100 L.500	**8096151**
Additional 90° elbow in polypropylene ø 60/100	**8095850**
Additional 45° elbow in polypropylene ø 60/100	**8095950**
Roof outlet terminal in polypropylene (outdoor ø 125)	**8091205**
Tile with joint for roof outlet terminal	**8091300**

SEPARATED DUCTS	Code
Separated intake/exhaust duct kit in polypropylene ø 80	**8093051**
Separated intake/exhaust duct kit in polypropylene ø 60	**8093060**
Extension in polypropylene ø 80 L.1000 (6 pieces)	**8077351**
Extension in polypropylene ø 80 L.500 (6 pieces)	**8077350**
Extension in polypropylene ø 60 L.1000	**8089920**
MF reduction ø 60/80	**8089923**
Kit clamps for internal and outdoor use for ø 80 tube	**8091500**
Kit clamps for internal and outdoor use for ø 60 tube	**8091510**
Clamps kit for connecting extensions and elbows ø 80 (5 pieces)	**8092700**
90° Elbow MF ø 80 in polypropylene (6 pieces)	**8077450**
45° Elbow MF ø 80 in polypropylene (6 pieces)	**8077451**
45° Elbow MF ø 60 in polypropylene	**8089922**
90° Elbow MF ø 60 in polypropylene ø 60 with smoke analysis port	**8089924**
Stainless steel intake terminal ø 80	**8089500**
Stainless steel intake terminal ø 60	**8089540**
Stainless steel exhaust terminal ø 80	**8089501**
Stainless steel exhaust terminal ø 60	**8089541**
Roof outlet terminal in polypropylene L.1381	**8091204**
Tile with joint for roof outlet terminal	**8091300**
Manifold to combine separate ducts into a single outlet	**8091400**
Condensate recovery tee ø 80 to be used on the exhaust duct	**8093310**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

UNIQA REVOLUTION

WALL-HUNG STANDARD BOILERS WITH ACTIVE HEAT RECOVERY FOR INSTANTANEOUS APPLICATIONS

LOW NOX EMISSIONS

ELECTRICAL PROTECTION

MODULATING PUMP

GREEN FLAME

INTEGRATED WEATHER COMPENSATION

CHIMNEY SWEEP FUNCTION

COMPACT DIMENSIONS

ANTIFREEZE PROTECTION TILL -5°C

AUTOMATIC BY-PASS

RETROACTIVE COMBUSTION CONTROL

RANGE RATED

PRODUCT ADVANTAGES

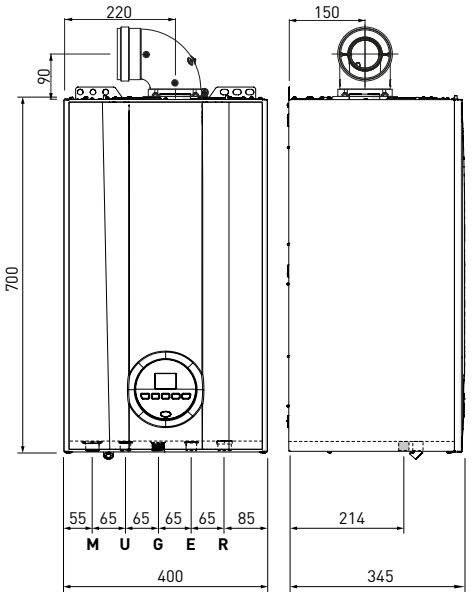
- It works with a blend of natural gas and hydrogen up to 20%
- Equipped with heat pump active energy recovery
- Without condensate drainage
- Installable with traditional flue systems
- Specific product for the replacement of traditional, sealed chamber boilers
- The boiler is equipped with a board that can perform one of the following functions: remote alarm, zone valve control via room thermostat or remote control, boiler filling, recirculation or booster pump control
- Installable in existing built-in frames using the universal door accessory kit

PRODUCTS

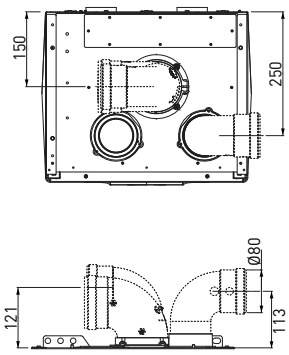
MODEL
Uniqa Revolution[1]

[1] The boiler is not convertible to LPG.

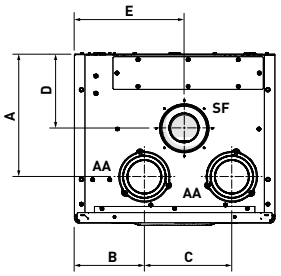
DIMENSIONS



Separated ducts



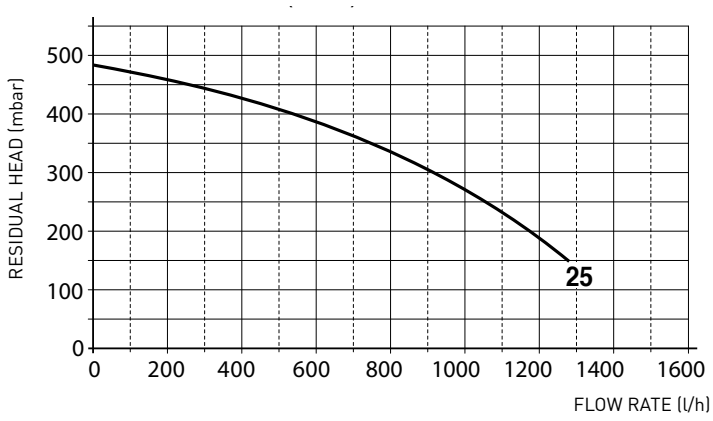
Flue discharge connections (SF) and combustion air intake connections (AA)



LEGEND		
M	Central heating flow	3/4"
R	Central heating return	3/4"
G	Gas supply	3/4"
E	DHW inlet	1/2"
U	DHW outlet	1/2"

DIMENSIONS	
A (mm)	250
B (mm)	140
C (mm)	175
D (mm)	150
E (mm)	220

HYDRAULIC HEAD



TECHNICAL FEATURES

Uniqa Revolution		**25**
Heat output	kW	9,0÷22,8
DHW flow rate DT 30°C (EN 13203)	l/min	10,6
Heating energy efficiency class		B
Sound power	dB(A)	54
DHW energy efficiency class		A
DHW load profile		XL
Weight	kg	45

ACCESSORIES

DESCRIPTION	Code
Fixing jig	8075441
Lower drilling template (50 pieces)	8075437
Boiler support bracket with screws	8081253
Gas/domestic water inlet elbows and Valves kit	8075428
Connection Valves kit	8091819
Replacement fittings kit for other boiler models	8093900
Elbows and Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	8075443
Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	8075442
Mixed zone + direct zone kit	8113600
Four direct zones kit	8113610
Solar diverter-mixer kit	8105104

DESCRIPTION	Code
Outdoor temperature sensor	8094101
Water softener kit	8101700
Water softener recharging kit (6 pieces)	8101710
Compact dirt separator kit PHASING OUT	8101750
Technopolymer dirt separator kit AVAILABLE SOON	8101751
Sime Home remote control	8092280
Sime Smart Plus Wi-Fi remote control	8118901
Sime Home Plus remote control	8092281
Sime Linker Plus remote control AVAILABLE SOON	8118921
Weekly heating/cooling thermostat	8113511
Universal door for installation in built-in Sime frames or other brands	8097572
Domestic hot water boiler management kit	8102685

FLUE DUCTS

CONCENTRIC DUCTS	Code
Concentric aluminum duct kit ø 60/100 with smoke analysis ports	8084813
Vertical extension in aluminum ø 60/100 L.200 with smoke analysis ports	8086908
Extension in aluminum ø 60/100 L.1000	8096103
Extension in aluminum ø 60/100 L.500	8096102
Additional 90° elbow in aluminum ø 60/100	8095801
Additional 45° elbow in aluminum ø 60/100	8095900
Roof outlet terminal in aluminum ø 60/100 L.1284 (non-reducible)	8091200
Tile with joint for roof outlet terminal	8091300
Condensate recovery ø 60/100 L.200 for vertical discharge	8092803

SEPARATED DUCTS	Code
Separated duct kit ø 80 + Extension L.135 with intake port	8089960
Extension in aluminum ø 80 L.1000 (6 pieces)	8077309
Extension in aluminum ø 80 L.500 (6 pieces)	8077308
Clamps kit for internal and outdoor use for ø 80 tube	8091500
90° Elbow MF in aluminum ø 80 (6 pieces)	8077410
90° Elbow MF in aluminum ø 80 with intake port	8077407
45° Elbow MF in aluminum ø 80 (6 pieces)	8077411
Stainless steel intake terminal ø 80	8089500
Stainless steel exhaust terminal ø 80	8089501
Roof outlet terminal in aluminum L.1390 (non-reducible)	8091201
Tile with joint for roof outlet terminal	8091300
Manifold to combine separate ducts into a single outlet	8091400
Condensate recovery ø 80 L.135 To be used on the exhaust duct as close as possible to the boiler	8092800
Condensate recovery tee ø 80 to be used on the exhaust duct	8093300
Clapet valve kit for collective chimney discharge (C10)	8089560

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

VERA OF ErP

WALL-HUNG STANDARDS BOILERS WITH OPEN CHAMBER FOR INSTANTANEOUS APPLICATIONS

LOW NOX EMISSIONS

ELECTRICAL PROTECTION

RETROACTIVE COMBUSTION CONTROL

INTEGRATED WEATHER COMPENSATION

CHIMNEY SWEEP FUNCTION

ANTIFREEZE PROTECTION TILL -5°C

COMPACT DIMENSIONS

PRODUCT ADVANTAGES

- Extremely compact dimensions
- Three-piece casing
- DHW management with two sensor
- Integrated climate control
- 2 versions with open chamber for DHW up to 20,8 kW
- Active combustion control with electronic gas valve

PRODUCTS

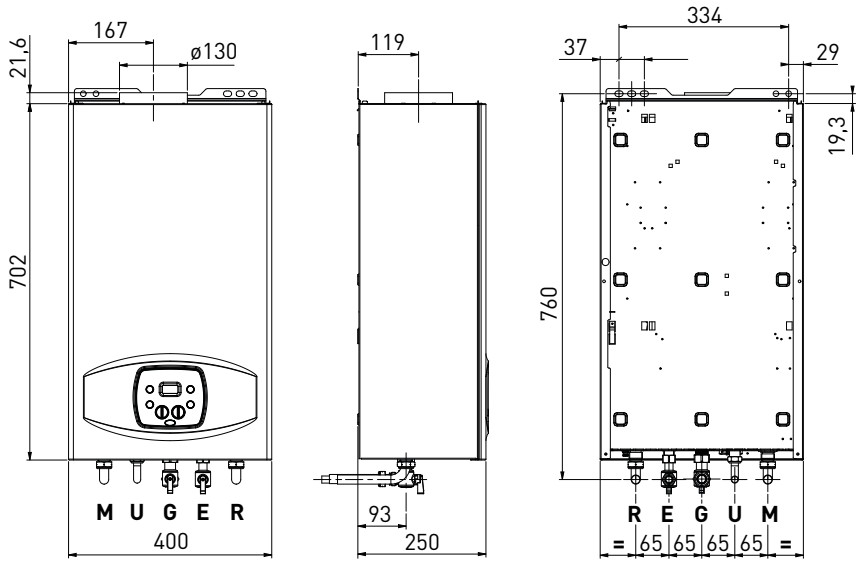
MODEL
Vera 25 OF ErP

MODEL
Vera 25 OF ErP (LPG version)

TECHNICAL FEATURES

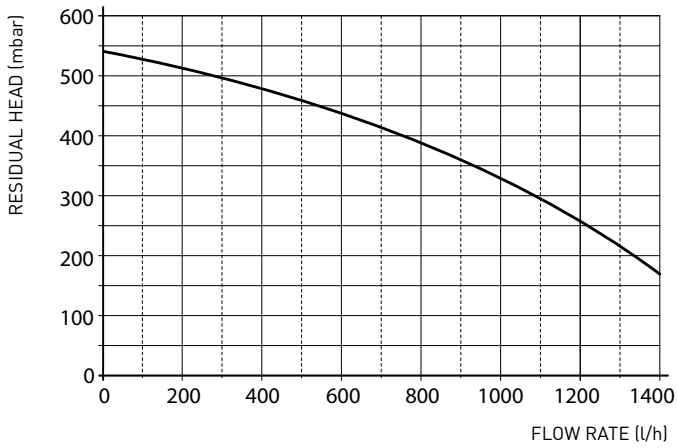
Vera OF ErP		25
DHW output	kW	8,8÷20,8
Domestic water flow rate (EN13203)	l/min	10,0
Heating energy efficiency class		C
Sound power	dB(A)	59
DHW energy efficiency class		A
DHW load profile		XL
Weight	kg	24,5

DIMENSIONS



LEGEND		
M	Central heating flow	3/4"
R	Central heating return	3/4"
G	Gas supply	3/4"
E	DHW inlet	1/2"
U	DHW outlet	1/2"

HYDRAULIC HEAD



ACCESSORIES

DESCRIPTION	Code
Fixing jig	**8075441**
Lower drilling template (50 pieces)	**8075437**
Boiler support bracket with screws	**8081253**
Gas/domestic water inlet elbows and Valves kit	**8075418**
Connection Valves kit	**8091806**
Replacement fittings kit for other boiler models	**8093900**
Elbows and Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	**8075443**
Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers	**8075442**
Outdoor temperature sensor	**8094101**
Fitting protection kit	**8094530**

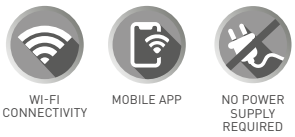
DESCRIPTION	Code
Water softener kit	**8101700**
Water softener recharging kit (6 pieces)	**8101710**
Compact dirt separator kit **PHASING OUT**	**8101750**
Technopolymer dirt separator kit **AVAILABLE SOON**	**8101751**
Sime Home remote control	**8092280**
Sime Smart Plus Wi-Fi remote control	**8118901**
Sime Home Plus remote control	**8092281**
Sime Linker Plus remote control **AVAILABLE SOON**	**8118921**
Weekly heating/cooling thermostat	**8113511**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE GAS BOILER SECTION

TEMPERATURE CONTROLS

SIME LINKER PLUS

DESCRIPTION | **AVAILABLE SOON** | **Code**



WI-FI AND OPENTHERM REMOTE CONTROL

- Wi-Fi connection to the home router and new dedicated app for remote control
- Only two wires required for connection, for both power supply and OpenTherm communication
- No batteries or outdoor power supply needed for operation
- Climate control with outdoor, room, and combined sensors (device in class V, or VI if paired with an outdoor sensor, according to ErP regulations)
- Relay for controlling a pump or zone valve
- Display of all main operating parameters of the boiler
- Remote control function and thermostat for regulating the main zone
- Weekly heating schedule programming and domestic hot water storage tank preparation

8118921

APPLICATION: Murelle HE R ErP - Murelle Equipe ErP - Murelle Equipe Box ErP - Alu HE - Alu Plus HE - Murelle HM Plus - Edea HM - Vera EV HE – Mia HE - Edea HM 25-35/55 - Uniqa Revolution - Vera OF ErP

Technical Features	
Boiler connection	2-wire bus
Dimensions (L x H x P)	135 x 100 x 27 mm

SIME HOME PLUS

DESCRIPTION | **Code**

OPENTHERM REMOTE CONTROL

- High-definition display with white backlighting compatible with Murelle HM Plus, Edea HM, Vera EV HE e Uniqa Revolution
- Weekly heating schedule programming
- Weekly schedule programming for domestic hot water storage tank
- Climate control with outdoor, internal, and combined sensors
- Management of all boiler parameters on the remote control compatible with Murelle HM Plus, Edea HM, Vera EV HE e Uniqa Revolution
- Display of all main operating parameters of the boiler
- Advanced boiler diagnostics with user suggestions
- Contact for telephone dialer
- Solar integration circuit gain indication if connected to Edea HM, Vera EV HE and Uniqa Revolution
- Class V or VI device when paired with outdoor sensor according to ErP regulations

8092281

APPLICATION:Murelle HE R ErP - Murelle Equipe ErP - Murelle Equipe Box ErP - Alu HE - Alu Plus HE - Murelle HM PLUS - Edea HM - Vera EV HE – Mia HE - Edea HM 25-35/55 - Murelle HE 25-30/55 ErP[1] - Uniqa Revolution - Vera OF ErP - Atlantis HM ErP[1]

[1] Non-backlit display, summer/winter switch, and parameter access only via the boiler display. Does not display system information (solar and zones).

Technical Features	
Boiler connection	2-wire bus
Dimensions(L x H x P)	130 x 95 x 35 mm

SIME SMART PLUS

WI-FI CONNECTIVITY

MOBILE APP

DESCRIPTION	Code

WI-FI AND OPENTHERM REMOTE CONTROL

- Wi-Fi connection to the home router and free "SIME CONNECT" app for remote control
- Climate control with outdoor, internal, and balanced sensors (device in class V, or VI if paired with an outdoor sensor, according to ErP regulations)
- Relay for controlling a pump or zone valve
- Remote control function and thermostat for regulating the main zone
- Color graphic display and descriptive text for easy setup and visualization
- Weekly heating schedule programming and domestic hot water storage tank

APPLICATION: Murelle HE R ErP - Murelle Equipe ErP - Murelle Equipe Box ErP - Alu HE - Alu Plus HE - Edea HM - Vera EV HE - Edea HM 25-35/55 - Uniqa Revolution - Vera OF ErP - Atlantis HM ErP[1]

8118901

[1] Summer/winter switch and parameter access only via the boiler display. Does not display system information (solar and zones).

NOTE: Only one SIME SMART PLUS can be connected to each boiler.

Technical Features	
Boiler connection	2-wire bus
Dimensions (L x H x P)	132 x 95 x 27 mm

Power supply provided as standard	
Supply voltage	220-240 Vac / 50-60 Hz
Dimensions (L x H x P)	40 x 42 x 21 mm

SIME HOME

NO POWER SUPPLY REQUIRED

DESCRIPTION	Code

OPENTHERM REMOTE CONTROL

- High-definition display compatible with Murelle HM Plus, Edea HM, Vera EV HE e Uniqa Revolution
- Weekly heating schedule programming
- Climate control with outdoor, internal, and combined sensors
- Management of all boiler parameters on the remote control compatible with Murelle HM Plus, Edea HM, Vera EV HE e Uniqa Revolution
- Display of all main operating parameters of the boiler
- Class V or VI device when paired with outdoor sensor according to ErP regulations

APPLICATION:Murelle HE R ErP - Murelle Equipe ErP - Murelle Equipe Box ErP - Alu HE - Alu Plus HE - Murelle HM PLUS - Edea HM - Vera EV HE – Mia HE - Edea HM 25-35/55 - Murelle HE 25-30/55 ErP[1] - Uniqa Revolution - Vera OF ErP - Atlantis HM ErP[1]

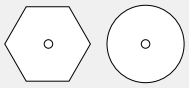
8092280

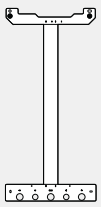
[1] Summer/winter switch and parameter access only via the boiler display. Does not display system information (solar and zones).

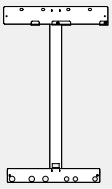
Technical Features	
Boiler connection	2-wire bus
Dimensions(L x H x P)	130 x 95 x 35 mm

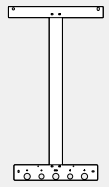
ACCESSORIES

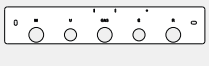
DESCRIPTION	Code
LPG conversion kit **APPLICATION: Murelle HE 25-30/55 ErP**	**5185130**
LPG conversion kit **APPLICATION: Murelle HM Plus vers. 25-25 T, Open Solar vers. 25**	**5185138**
LPG conversion kit **APPLICATION: Murelle HM Plus vers. 25, Open Solar vers. 30, Atlantis HM**	**5185139**
LPG conversion kit **APPLICATION: Murelle HM Plus vers. 35-35 T**	**5185140**
LPG conversion kit **APPLICATION: Edea HM vers. 25 - 25 T, Edea HM 25-30/55 vers. 25/55**	**5185153**
LPG conversion kit **APPLICATION: Edea HM vers. 30**	**5185154**
LPG conversion kit **APPLICATION: Edea HM vers. 35, Edea HM 25-30/55 vers. 35/55**	**5185155**
LPG conversion kit **APPLICATION: Edea HM vers. 35 T - 40**	**5185156**
Fixing jig For preparing the installation and hydraulic/gas connections of the boiler. The supply includes: boiler support bracket, vertical element, lower element, and fixing screws. **APPLICATION: Edea HM, Vera EV HE, Uniqa Revolution, Vera OF ErP**	**8075441**
Fixing jig For preparing the installation and hydraulic/gas connections of the boiler. The supply includes: boiler support bracket, vertical element, lower element, and fixing screws. **APPLICATION: Murelle HE 25-30/55 ErP, Edea HM 25-30/55**	**8081217**
Fixing jig For preparing the installation and hydraulic/gas connections of the boiler. The supply includes: boiler support bracket, vertical element, lower element, and fixing screws. **APPLICATION: Murelle HM PLUS**	**8081221**
Fixing jig For preparing the installation and hydraulic/gas connections of the boiler. The supply includes: boiler support bracket, vertical element, lower element, and fixing screws. **APPLICATION: Mia HE**	**8075448**
Lower template element For preparing the hydraulic/gas connections of the boiler. The supply includes: galvanized steel sheet in a package of 50 pieces. **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Uniqa Revolution, Vera OF ErP**	**8075437**
Boiler support bracket with nuts For preparing the boiler installation. The supply includes: galvanized steel sheet and fixing nuts. **APPLICATION: Edea HM, Vera EV HE, Uniqa Revolution, Vera OF ErP**	**8081253**
Gas and domestic water inlet elbows and Valves kit For connecting the boiler to the gas network and hydraulic systems. The supply includes: Domestic water outlet elbow L.135 - 1/2" x 14, Flow/return system elbow L.135 - 3/4" x 18 (2 pieces), Domestic water stub L.135 - 1/2" x 14, Gas stub L.195 - 3/4" x 18, Gas valve 3/4" MF, Domestic water inlet valve 1/2" MF and Gaskets **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Vera OF ErP**	**8075418**
Gas elbows and Valves kit For connecting the boiler to the gas network and hydraulic systems. The supply includes: Fitting plate, Domestic water outlet elbow L.135 - 1/2" x 14, Gas stub L.195 - 3/4" x 18, Gas valve 3/4" MF, Flow/return system elbow L.135 - 3/4" x 18 (2 pieces) and gaskets. **APPLICATION: Murelle HE 25-30/55 ErP**	**8075424**

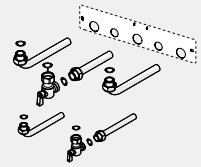


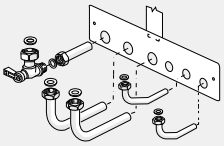


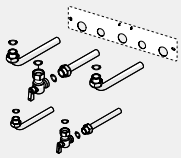
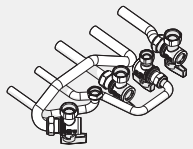
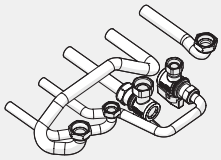
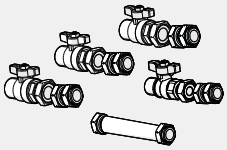
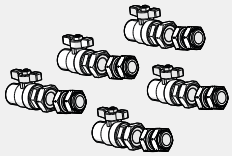
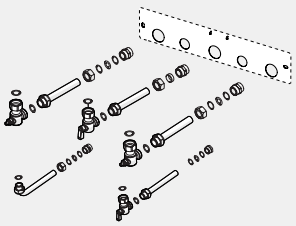
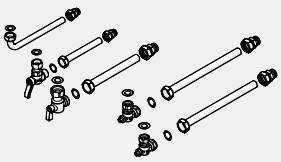
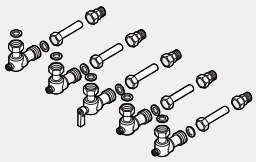
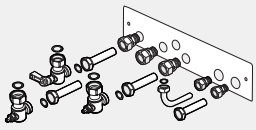


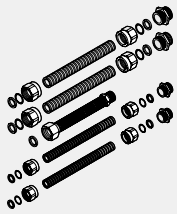
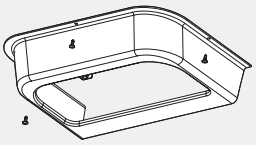
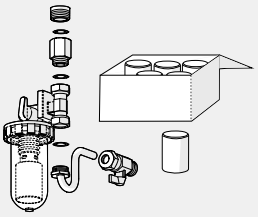
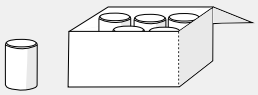
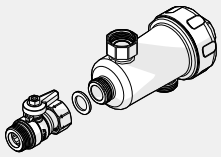
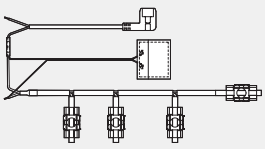
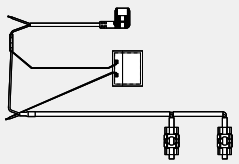
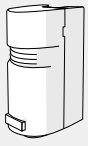


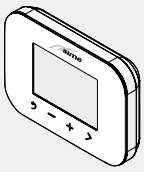
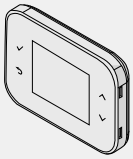
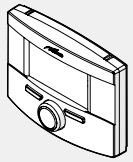
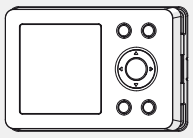
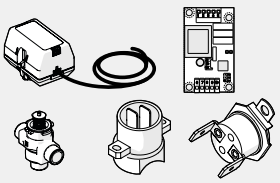
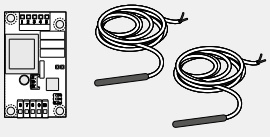


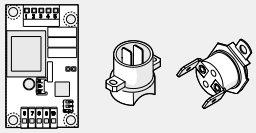
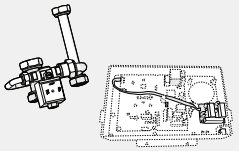
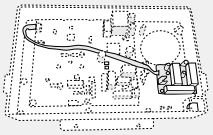
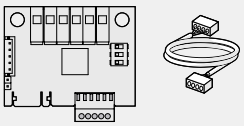
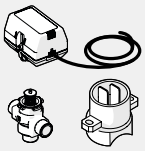
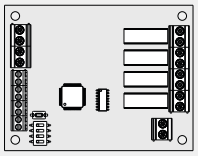
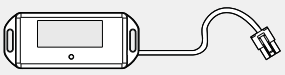
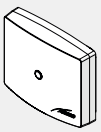
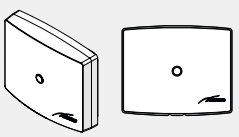


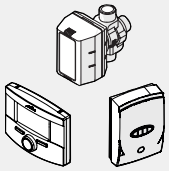
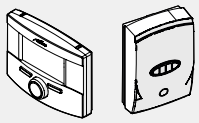
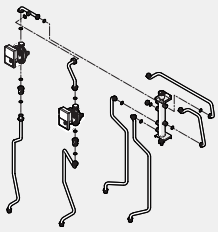
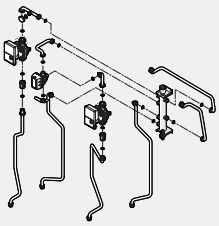
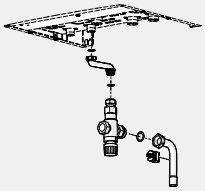
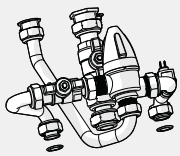
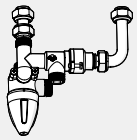
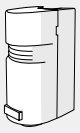
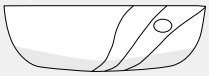
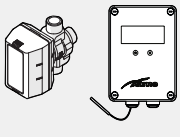


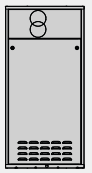
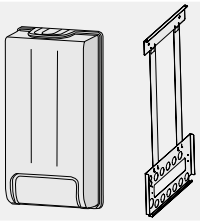
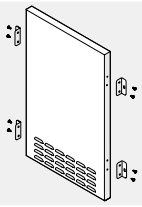
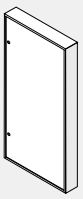
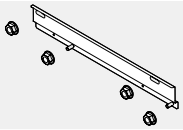
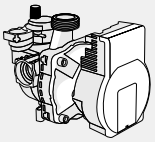
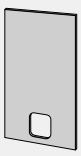
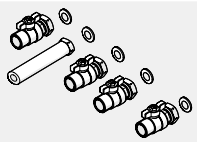
DESCRIPTION	Code	
Gas and domestic water inlet elbows and Valves kit For connecting the boiler to the gas network and hydraulic systems. The supply includes: Domestic water outlet elbow L.270 - 1/2" x 14, Flow/return system elbow L.270 - 3/4" x 18 (2 pieces), Domestic water stub L.240 - 1/2" x 14, Gas stub L.300 - 3/4" x 18, Gas valve 3/4" MF, Domestic water inlet valve 1/2" MF and Gaskets **APPLICATION: Uniqa Revolution**	**8075428**	
Valves kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers For connecting boilers with DIN connections to the gas network and hydraulic circuits designed for older SIME boilers. The supply includes: Flow/return system valve 3/4" (2 pieces), Gas valve 3/4", Domestic water inlet valve 1/2", Domestic water outlet pipe, Domestic water inlet pipe, Gas inlet pipe, System return pipe, System flow pipe and Gaskets **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Uniqa Revolution, Vera OF ErP**	**8075442**	
Elbow kit with DIN to SIME connections for replacing instantaneous boilers with instantaneous boilers For connecting boilers with DIN connections to the gas network and hydraulic circuits designed for older SIME boilers. The supply includes: Gas valve 3/4", Domestic water inlet valve 1/2", Domestic water outlet pipe, Domestic water inlet pipe, Gas inlet pipe, System return pipe, System flow pipe and Gaskets **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Uniqa Revolution, Vera OF ErP**	**8075443**	
Connection Valves kit for outdoor instantaneous versions For connecting the boiler to the gas network and hydraulic systems. The supply includes: Straight valve 3/4" MF (2 pieces), Straight valve 1/2" MF, Gas valve 3/4" MF, Straight gas fitting 3/4" x 18 with olive, Pipe 3/4" MF (3 pieces), Domestic water outlet pipe, Domestic water inlet pipe and Gaskets **APPLICATION: Edea HM, Vera EV HE outdoor instantaneous versions**	**8075444**	
Connection Valves kit for outdoor heating-only (T) versions For connecting the boiler to the gas network and hydraulic systems. The supply includes: Straight valve 3/4" MF (4 pieces), Pipe 3/4" MF (5 pieces) and Gaskets **APPLICATION: Edea HM T outdoor heating-only version**	**8075445**	
Connection Valves kit for instantaneous versions For connecting the boiler to the gas network and hydraulic systems. The supply includes: Straight fitting 1/2" x 14 (2 pieces), Domestic water outlet elbow 1/2" x 14, Domestic water inlet valve 1/2" MF, Domestic water stub 1/2" x 14, Stub L.135 - 3/4" x 18 (2 pieces), Gas stub L.195 - 3/4" x 18, Straight fitting 3/4" x 18 (2 pieces), Straight gas fitting 3/4" x 18 with olive, Gas valve 3/4" MF, System flow/return valve 3/4" MF (2 pieces) and Gaskets **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Vera OF ErP**	**8091806**	
Connection Valve kit For connecting the boiler to the gas network and hydraulic systems. The supply includes: Gas valve 3/4" MF, System flow/return valve 3/4" MF (2 pieces), Shaped elbow 1/2" x 14 L. 270, Stub 3/4" x 18 L. 245 (2 pieces), Domestic water stub 1/2" x 14 L. 240, Gas stub 3/4" x 18 L. 300, Domestic water inlet valve 1/2" MF, Straight gas fitting 3/4" x 18 with olive, Straight fitting 3/4" x 18 (2 pieces), Straight fitting 1/2" x 14 (2 pieces) and Gaskets **APPLICATION: Uniqa Revolution**	**8091819**	
Connection Valve kit for T versions (heating only) For connecting the boiler to the gas network and hydraulic systems. The supply includes: 3/4" MF valves (4 pieces), Gas valve 3/4" MF, Straight fitting 3/4" x 18 (4 pieces), Stub L.135 - 3/4" x 18 (4 pieces), Straight gas fitting 3/4" x 18 with olive, Gas stub L.195 - 3/4" x 18 and Gaskets **APPLICATION: Murelle HM PLUS, Edea HM, Mia HE T**	**8091820**	
Connection Valve kit For connecting the boiler to the gas network and hydraulic systems. The supply includes: Fitting plate, Straight fitting 1/2" x 14 (2 pieces), Shaped elbow 1/2" x 14, Domestic water stub 1/2" x 14, System flow/return valve 3/4" MF (2 pieces), Gas valve 3/4" MF, Straight fitting 3/4" x 18 (2 pieces), Stub 3/4" x 18 L.120, Straight gas fitting 3/4" x 18 with olive, Stub 3/4" x 18 L.245 (2 pieces) and Gaskets **APPLICATION: Edea HM 25-35/55, Murelle HE 25-30/55 ErP**	**8091833**	

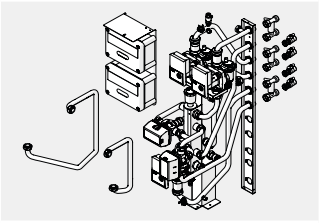
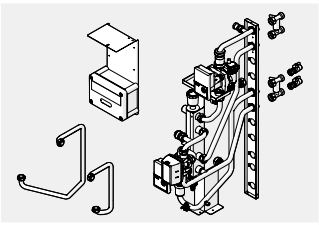
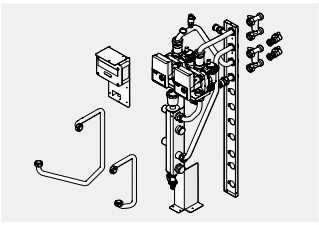
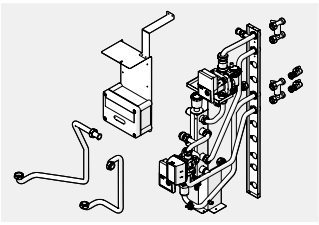
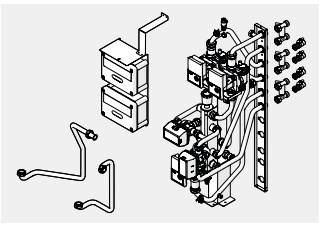
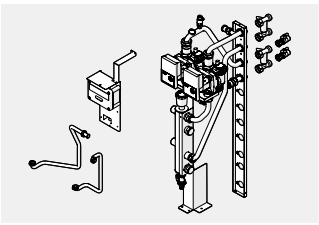
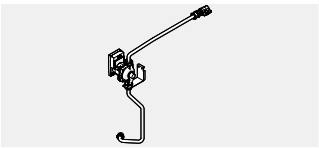
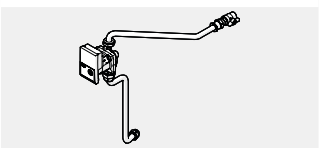
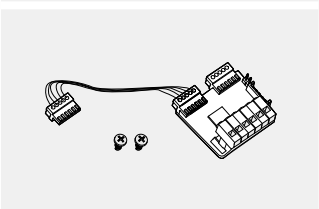
DESCRIPTION	Code	
Replacement fittings kit for other boiler models For connecting Sime boilers to the gas network and hydraulic systems already prepared for other brands' boilers. The supply includes: Swivel 1/2" (2 pieces), Flexible tube DN 12 L.700 (2 pieces), Quick coupling 1471 Ø 1/2" (2 pieces), Nipple 1/2" (2 pieces), Expandable gas MF 1/2"-3/4" L.200/400 with gasket, Swivel 3/4" with gasket (2 pieces), Flexible tube DN 16 L.700 (2 pieces), Quick coupling 1470 Ø 3/4" (2 pieces), Nipple 3/4" (2 pieces), Gaskets **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Murelle HE 25-30/55 ErP, Uniqa Revolution, Vera OF ErP**	**8093900**	
Fitting cover Used to hide Valves, elbows, and connection fittings between the boiler and the gas network and hydraulic systems. To be used in conjunction with Sime elbows and Valve kits. The supply includes: plastic fitting protection and screws. **APPLICATION: Edea HM, Vera EV HE, Vera OF ErP**	**8094530**	
Water softener kit To protect the domestic hot water circuit of the boiler from the action of calcium contained in the water. The supply includes: polyphosphate dosing unit with six refills, brass extension, copper tubing, domestic water inlet Valve, and gaskets. TECHNICAL FEATURES OF THE DOSER - Operating pressure: 8 bar - Operating temperature: from 0 to +45°C - Refill capacity: 12-15 m³ - Connections: 1/2" - Flow rate: 1.5 m³/h **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Open Solar HE ErP, Uniqa Revolution, Vera OF ErP**	**8101700**	
Water softener recharging kit For replacing the exhausted capsules of the Water softener kit. The supply includes 6 pieces. **APPLICATION: Water softener kit (cod. 8101700)**	**8101710**	
Compact dirt separator kit PHASING OUT To prevent system issues caused by contamination from particles, sand, and rust formed by corrosion and scaling during normal system operation. The supply includes: magnetic dirt separator filter, to be installed under the wall-mounted boiler, isolation valve, and gaskets. **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Murelle HE 25-30/55 ErP, Open Solar HE ErP, Uniqa Revolution, Vera OF ErP**	**8101750**	
Technopolymer dirt separator kit To prevent system issues caused by contamination from particles, sand, and rust formed by corrosion and scaling during normal system operation. The supply includes: magnetic dirt separator filter, to be installed under the wall-mounted boiler, isolation valve, and gaskets. **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Murelle HE 25-30/55 ErP, Open Solar HE ErP, Uniqa Revolution, Vera OF ErP**	**8101751**	
Anti-freeze resistance kit (-15°C) To protect the boiler when the temperature of the environment where it is installed drops to -15°C. The supply includes: Contact resistance kit, thermostat fixing bracket, anti-freeze thermostat, resistance mounting clips on pipe Ø 18 (4 pieces), CN 7 connector, and screws **APPLICATION: Murelle HM PLUS**	**8089816**	
Anti-freeze resistance kit (-15°C) To protect the boiler when the temperature of the environment where it is installed drops to -15°C. The supply includes: Contact resistance kit, thermostat fixing bracket, anti-freeze thermostat, resistance mounting clips on pipe Ø 18 (4 pieces), CN 7 connector, and screws **APPLICATION: Edea HM, Vera EV HE outdoor version**	**8089823**	
Outdoor temperature sensor Allows for the dynamic climate control adjustment of the boiler. The supply includes: outdoor sensor and connector. **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Murelle HE 25-30/55 ErP, Uniqa Revolution, Vera OF ErP**	**8094101**	

DESCRIPTION	Code	
Mechanical Daily Timer 24V Used to program the boiler's on/off cycles within 24 hours with a minimum programming interval of 15 minutes (96 selectors). It can be used to program either heating or, alternatively, domestic hot water (DHW). The supply includes: mechanical daily timer with 6-pin wired connector and screws. **APPLICATION: Murelle HE 25-30/55 ErP, Open Solar HE ErP**	**8092228**	
Digital Weekly Timer 24V Used to switch the boiler temperature between two levels (comfort/savings; on/off), with 8 on-programs and 8 off-programs. Separate programs can be assigned for each day of the week. It can be used for heating or, alternatively, DHW programming. The supply includes: digital weekly timer with 6-pin wired connector and screws. **APPLICATION: Murelle HE 25-30/55 ErP, Open Solar HE ErP**	**8092229**	
Sime Linker Plus Remote Control For remote control, monitoring, and settings of the boiler, equipped with a sensor for measuring the room temperature. Class V device. OpenTherm two-wire communication with the boiler and Wi-Fi connection to the home router. For more details, refer to the specific section of the catalog. **APPLICATION: Murelle HM Plus, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Uniqa Revolution, Vera OF ErP**	**8118921**	
Sime Smart Plus Wi-Fi Remote Control For remote control, monitoring, and settings of the boiler, equipped with a sensor for measuring the room temperature. Class V device. OpenTherm two-wire communication with the boiler and Wi-Fi connection to the home router. For more details, refer to the specific section of the catalog. **APPLICATION: Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Uniqa Revolution, Vera OF ErP**	**8118901**	
Sime Home Plus Remote Control For remote control, monitoring, and settings of the boiler, equipped with a sensor for measuring the room temperature. Class V device. For more details, refer to the specific section of the catalog. **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Murelle HE 25-30/55 ErP, Uniqa Revolution, Vera OF ErP, Atlantis HM ErP**	**8092281**	
Sime Home Remote Control For remote control, monitoring, and settings of the boiler, equipped with a sensor for measuring the room temperature. Class V device. For more details, refer to the specific section of the catalog. **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Murelle HE 25-30/55 ErP, Uniqa Revolution, Vera OF ErP, Atlantis HM ErP**	**8092280**	
Weekly Thermostat for Heating and Cooling For setting and controlling the room temperature in both summer and winter modes. Large backlit display, wall-mounted installation, battery-powered (batteries not included), IP20 rating. Class I device. The supply includes: wall-mounted remote control. **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Murelle HE 25-30/55 ErP, Open Solar HE ErP, Uniqa Revolution, Vera OF ErP**	**8113511**	
ZoneMix Kit Kit for the full management of a mixed zone. It regulates the system's supply temperature via a three-way motorized valve. To be used with the Sime Home Plus remote control if the system has three zones. The supply includes: a control board to be connected to the boiler for managing the mixed zone, NTC contact sensor to connect to a bracket, 3/4" mixing valve, cables, and connectors. **APPLICATION: Murelle HE 25-30/55 ErP**	**8092234**	
InSol Kit Kit for the full management of a small- to medium-sized solar system. Controls a solar system through the boiler's panel. The supply includes: a control board to be connected to the boiler for managing the solar system, immersion sensor for collector temperature, immersion sensor for boiler temperature, cables, and connectors. **APPLICATION: Murelle HE 25-30/55 ErP**	**8092235**	

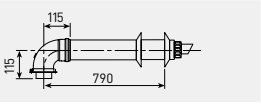
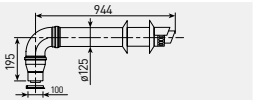
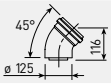
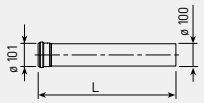
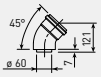
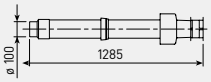
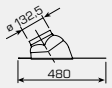
DESCRIPTION	Code	
Additional Board Housing Kit Holds and protects an additional board for InSol or ZoneMix kits. It is installed outside the boiler. **APPLICATION: Murelle HE 25-30/55 ErP**	**8092236**	
Mixed Zone Board + Supply Temperature sensor Kit for managing a system with a pre-installed three-way mixing valve. Regulates the system's supply temperature. The supply includes: board to be connected to the boiler, temperature control sensor, sensor mounting clip, cables, and connectors. **APPLICATION: Murelle HE 25-30/55 ErP**	**8092237**	
Remote Filling Kit Kit for remotely filling the boiler's pressure via the remote control or boiler buttons. The supply includes: expansion board with two relays, filling electrovalve, non-return valve with filter, connection tubes, gaskets, and screws. **APPLICATION: Edea HM and Vera EV HE outdoor versions**	**8092263**	
Two-Relay Expansion Board The expansion board comes with two relays (240V; 1A) that, through appropriate parameter settings, can perform two of the following functions: alarm for remote anomaly notification, zone valve control via room thermostat, zone valve control via remote control, boiler filling, circulation pump control, and boost pump control. The supply includes: relay board with wiring **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Edea HM 25-35/55**	**8092264**	
Cascade Management Board Enables cascade management of Murelle HM PLUS generators (up to 8 generators). The supply includes the board with wiring. **APPLICATION: Murelle HM PLUS**	**8092268**	
Supply Temperature sensor + Mixing Valve Allows mixing The supply water of a heating zone. The supply includes: motorized mixing valve and temperature sensor. **APPLICATION: Murelle HM PLUS**	**8092269**	
Expansion Board Allows managing additional heating zones (including those managed by the boiler) up to a total of: 4 direct zones 2 mixed zones + 1 direct 1 mixed zone + 3 direct zones The supply includes: board with wiring for connection to the generator. **APPLICATION: Murelle HM PLUS**	**8092272**	
Wi-Fi Antenna Kit Allows connecting the boiler to the local Wi-Fi network for remote control via a mobile app. The supply includes: Wi-Fi antenna with quick-connect wiring. **APPLICATION: Murelle HM PLUS**	**8092298**	
Wireless Room sensor For detecting the temperature of a heating zone. The supply includes: wireless sensor **APPLICATION: Murelle HM PLUS**	**8094110**	
Concentrator Kit + One Wireless Room sensor Allows setting up a wireless network to transmit the temperature detected by room sensor s. The supply includes: concentrator for wireless network and one wireless sensor. **APPLICATION: Murelle HM PLUS**	**8094121**	

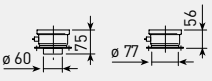
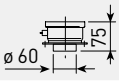
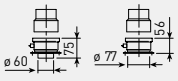
DESCRIPTION	Code	
Mixed Zone + Direct Zone Kit Allows managing a low-temperature supply zone and a high-temperature zone. The supply includes: MLC30 zone management board, motorized mixing valve, Sime Home Plus remote control, mixed zone supply sensor, wiring. **APPLICATION: Edea HM, Mia HE, Edea HM 25-35/55, Uniqa Revolution**	**8113600**	
Four Direct Zones Kit Allows managing up to 4 high-temperature zones. The supply includes: electronic board, Sime Home Plus remote control. **APPLICATION: Edea HM, Edea HM 25-35/55, Uniqa Revolution**	**8113610**	
Two High-Temperature Zones Kit Kit to manage two distinct high-temperature zones. The supply includes: flow/return manifold with support brackets, high-efficiency pumps (n. 2), connecting tubes and valves, automatic vent, zone management board. **APPLICATION: Open Solar HE ErP**	**8100798**	
High and Low-Temperature Zone Kit Kit for managing one low-temperature zone and one high-temperature zone. The supply includes: flow/return manifold with support brackets, high-efficiency pumps (n. 2), mixing valve, contact sensor for the mixed zone, 50°C safety thermostat, connecting tubes and valves, automatic vent, zone management board. **APPLICATION: Open Solar HE ErP**	**8100799**	
Solar Kit for Instantaneous Versions Kit for managing a solar system. Activates the boiler only when the hot water coming from the solar thermal system is lower than the set temperature. The supply includes: solar hot water inlet pipe, thermostatic mixing valve, NTC temperature sensor, CN5 connector, sensor cable, immersion boiler sensor with wiring, and gaskets. **APPLICATION: Murelle HM PLUS, Edea HM**	**8105101**	
Solar Kit for Outdoor Versions Kit for managing a solar system. Activates the boiler only when the hot water coming from the solar thermal system is lower than the set temperature. The supply includes: hot water inlet pipe from the solar boiler, thermostatic mixing valve, NTC temperature sensor, CN5 connector, sensor cable, connecting pipe, immersion boiler sensor with wiring, and gaskets. **APPLICATION: Edea HM outdoor version**	**8105103**	
Solar Diverter-Mixer Kit Allows integration for domestic hot water (DHW) production between an instantaneous boiler and a preheated DHW storage tank. The supply includes: compact diverter-mixing valve, inlet pipe, and outlet pipes. **APPLICATION: Edea HM, Vera EV HE, Mia HE, Uniqa Revolution**	**8105104**	
Contact Sensor Downstream of the Compensator Measures The supply temperature to the system when using a hydraulic separator. The supply includes: contact sensor. **APPLICATION: Murelle HM PLUS**	**6277122**	
Condensate Pump Kit Discharges condensate water when the boiler is positioned below the condensate drainage level. The supply includes: pump for acidic condensate water. **APPLICATION: Murelle HM PLUS, Edea HM, Vera EV HE, Mia HE, Edea HM 25-35/55, Murelle HE 25-30/55 ErP, Open Solar HE ErP**	**8105302**	
DHW Storage Tank Kit For preheating a DHW storage tank when heating with Uniqa Revolution; the final preparation is then completed within the hydraulic group installed on the appliance. The supply includes: immersion thermostat, motorized diverter valve, electronic panel with wiring, and control relays. **APPLICATION: Uniqa Revolution**	**8102685**	

DESCRIPTION	Code	
Built-in installation frame Suitable for protecting the boiler in outdoor installations, requiring the creation of a niche in the outdoor wall. The supply includes: Frame complete with door. **APPLICATION: Edea HM and Vera EV HE outdoor version**	**8097575**	
Casing for Outdoor Installation Suitable for protecting the boiler in outdoor installations without the need for creating a niche in the outdoor wall. The supply includes: outdoor mantle, fixing template, M8 fixing plugs, ø 60/80 adapter (for BF version), ø 80 exhaust pipe (for BF version), ø 60 exhaust pipe (for HE version), ø 60/80 adapter (for HE version). **APPLICATION: Edea HM and Vera EV HE outdoor version**	**8110710**	
Old Version Frame Door Kit For housing the Brava and Vera EV HE boilers in older built-in Frames with the following codes: 8097520, 8097540, 8097560, 8097550, 8097561. The supply includes: Frame door and related accessories for securing the door. **APPLICATION: Edea HM and Vera EV HE outdoor version**	**5193360**	
Universal Door Kit Suitable for protecting the boiler in built-in Frames from Sime or other brands. Made of paintable galvanized sheet metal, wall mounting to be completed with perimeter silicone. Dimensions: 774 x 1418 x 140 mm. The supply includes: Frame door. **APPLICATION: Edea HM and Vera EV HE outdoor version, Uniqa Revolution**	**8097572**	
Bracket kit for previous version frames For mounting the Edea and Vera EV HE boilers in older built-in frames with the following codes: 8097520, 8097540, 8097560, 8097550, 8097561. The supply includes: fixing bracket. **APPLICATION: Edea HM and Vera EV HE outdoor version**	**5193361**	
Solar Collector Sensor The supply includes: one solar collector sensor. **APPLICATION: Murelle HM PLUS**	**6231392**	
Upgraded Pump Kit 7 meters (for 25 kW) The supply includes: upgraded pump, springs, self-Valveping screw, and gaskets. **APPLICATION: Vera EV HE**	**8102642**	
AquaGuard Filter Kit A mechanical filter that retains impurities and lime deposits from the system that could cause malfunctions in the boiler. The supply includes: AquaGuard filter, filter-to-hydraulic group connection pipe, primary heat exchanger-to-filter connection pipe, and gaskets. **APPLICATION: Vera EV HE**	**8076160**	
Pressure Transducer Kit The supply includes: pressure transducer, pressure switch spring, and connector. **APPLICATION: Vera EV HE**	**8076171**	
Front Soundproof Panel Kit The supply includes: front soundproof panel. **APPLICATION: Vera EV HE**	**8076172**	
Connection Valves Kit For connecting the boiler to the gas network and the hydraulic system. The supply includes: straight Valve 3/4" (n. 3), gas valve 3/4" (n. 1), straight Valve 1/2" (n. 1), connection fitting 1/2" (n. 1), connection fitting 3/4" (n. 1), and gaskets. **APPLICATION: Atlantis HM ErP**	**8091827**	

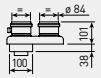
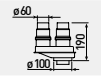
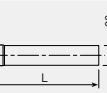
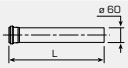
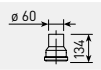
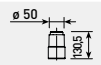
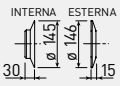
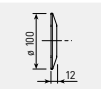
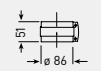
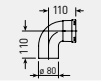
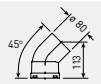
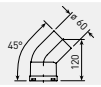
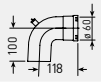
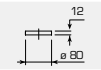
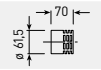
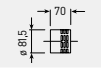
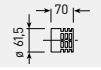
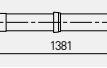
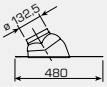
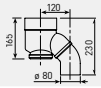
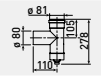
DESCRIPTION	Code	
Kit two low temperature zones + high temperature zone preassembled For connecting the boiler to one high-temperature zone and two low-temperature zones. It is necessary to use the Sime Home Plus remote control. The supply includes: electrical panel with wiring (n. 2), valve kits (n. 2), by-pass (n. 3), preassembled high + two low temperature zone group complete with pumps (n. 3), motorized mixing valve (n. 2), collector, safety thermostat (n. 2), sensor (n. 2), automatic air vent, check valves (n. 2), drain valve, pipes, and brackets. **APPLICATION: Atlantis HM 30 T and 30/110 ErP**	**8100787**	
Kit low temperature zone + high temperature zone preassembled For connecting the boiler to one high-temperature zone and one low-temperature zone. The supply includes: electrical panel with wiring, valve kits, by-pass (n. 2), preassembled high + low temperature zone group complete with pumps (n. 2), motorized mixing valve, collector, safety thermostat, sensor, automatic air vent, check valve, drain valve, pipes, and brackets. **APPLICATION: Atlantis HM 30 T and 30/110 ErP**	**8100786**	
Kit two high temperature zones preassembled For connecting the boiler to two high-temperature zones. The supply includes: electrical panel with wiring (n. 2), valve kits (n. 2), by-pass (n. 3), preassembled two high-temperature zone group complete with pumps (n. 2), collector, automatic air vent, drain valve, pipes, and brackets **APPLICATION: Atlantis HM 30 T and 30/110 ErP**	**8100788**	
Kit low temperature zone + high temperature zone preassembled For connecting the boiler to one high-temperature zone and one low-temperature zone. The supply includes: electrical panel with wiring, valve kits, by-pass (n. 2), preassembled high + low temperature zone group complete with pumps (n. 2), motorized mixing valve, collector, safety thermostat, sensor, automatic air vent, check valve, drain valve, pipes, and brackets. **APPLICATION: Atlantis HM 30/300 ErP**	**8100783**	
Kit two low temperature zones + high temperature zone preassembled For connecting the boiler to one high-temperature zone and two low-temperature zones. It is necessary to use the Sime Home Plus remote control. The supply includes: electrical panel with wiring (n. 2), valve kits (n. 2), by-pass (n. 3), preassembled high + two low temperature zone group complete with pumps (n. 3), motorized mixing valve (n. 2), collector, safety thermostat (n. 2), sensor (n. 2), automatic air vent, check valves (n. 2), drain valve, pipes, and brackets. **APPLICATION: Atlantis HM 30/300 ErP**	**8100784**	
Kit two high temperature zones preassembled For connecting the boiler to two high-temperature zones. The supply includes: electrical panel with wiring (n. 2), valve kits (n. 2), by-pass (n. 3), preassembled two high-temperature zone group complete with pumps (n. 2), collector, automatic air vent, drain valve, pipes, and brackets. **APPLICATION: Atlantis HM 30/300 ErP**	**8100785**	
Kit recirculation pump Improves sanitary comfort by reducing the waiting time for delivering hot water at the set temperature. The supply includes: pump with bracket, pipes, valve, and wiring. **APPLICATION: Atlantis HM 30/110 ErP**	**8102627**	
Kit recirculation pump Improves sanitary comfort by reducing the waiting time for delivering hot water at the set temperature. The supply includes: pump, pipes, valve, and wiring. **APPLICATION: Atlantis HM 30/300 ErP**	**8102628**	
Kit RS-485 for cascade management Allows cascade management of Murelle HM generators (maximum of 8 generators). The supply includes: board with wiring. **APPLICATION: Atlantis HM ErP**	**8092243**	
Kit RS-485 for ModBus communication Allows connection of boilers using the ModBus protocol. The supply includes: electronic board for ModBus communication of boiler parameters. **APPLICATION: Atlantis HM ErP**	**8092244**	

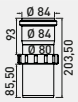
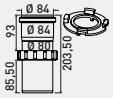
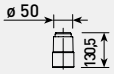
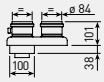
FLUE DUCTS CONDENSING BOILERS

CONCENTRIC FLUE PIPES FOR CONDENSING BOILERS	Code	
Concentric polypropylene flue pipe kit ø 60/100 with sampling ports	**8096250**	
Concentric polypropylene flue pipe kit ø 80/125	**8096253**	
Adapter for ø 60/100 L.85 To be used only with the built-in frame	**8093108**	
Adapter for ø 80/125	**8093150**	
Vertical extension in polypropylene ø 60/100 L.140 with sampling ports	**8086950**	
Extension in polypropylene ø 80/125 L.1000	**8096171**	
Extension in polypropylene ø 80/125 L.500	**8096170**	
Supplementary 90° elbow in polypropylene ø 80/125	**8095870**	
Supplementary 45° elbow in polypropylene ø 80/125	**8095970**	
Extension in polypropylene ø 60/100 L.1000	**8096150**	
Extension in polypropylene ø 60/100 L.500	**8096151**	
Supplementary 90° elbow in polypropylene ø 60/100	**8095850**	
Supplementary 45° elbow in polypropylene ø 60/100	**8095950**	
Roof terminal in polypropylene (ø outdoor 125)	**8091205**	
Tile with joint to match the roof terminal	**8091300**	

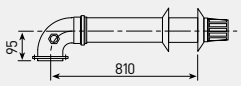
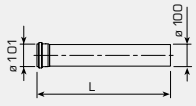
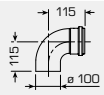
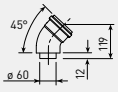
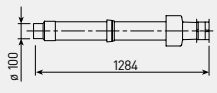
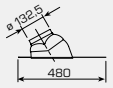
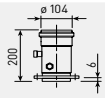
SEPARATE FLUE PIPES FOR CONDENSING BOILERS	Code	
Kit separate intake/exhaust pipes in polypropylene ø 80	**8089911**	
Kit separate pipes in polypropylene ø 80	**8089912**	
Kit separate intake/exhaust pipes in polypropylene ø 60	**8089913**	
Kit separate intake/exhaust pipes in polypropylene ø 60	**8089914**	

FLUE DUCTS CONDENSING BOILERS

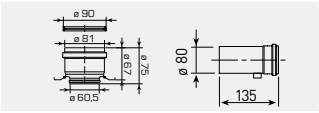
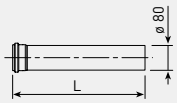
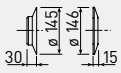
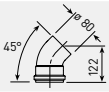
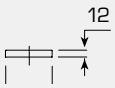
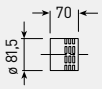
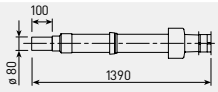
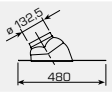
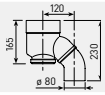
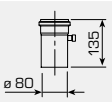
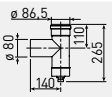
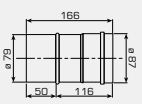
SEPARATE FLUE PIPES FOR CONDENSING BOILERS	Code	
Air intake/exhaust splitter ø 80	**8093050**	
Air intake/exhaust splitter ø 60	**8093060**	
Extension in polypropylene ø 80 L.1000 The supply includes 6 pieces	**8077351**	
Extension in polypropylene ø 80 L.500 The supply includes 6 pieces	**8077350**	
Extension in polypropylene ø 60 L.1000	**8089920**	
Reduction MF ø 60/80 8089923 19.70	**8089923**	
Reduction MF ø 80/50	**8089941**	
Kit collars for internal and outdoor for ø 80 pipe	**8091500**	
Kit collars for internal and outdoor for ø 60 pipe	**8091510**	
Kit clamps for connecting extensions and elbows ø 80 The supply includes 5 pieces	**8092700**	
Elbow in polypropylene ø 80 at 90° MF The supply includes 6 pieces	**8077450**	
Elbow in polypropylene ø 80 at 45° MF The supply includes 6 pieces	**8077451**	
45° Elbow MF Ø 60 in polypropylene	**8089922**	
90° Elbow MF Ø 60 in polypropylene ø 60 with flue gas sampling port	**8089924**	
Intake terminal ø 80 in stainless steel	**8089500**	
Intake terminal ø 60 in stainless steel	**8089540**	
Exhaust terminal ø 80 in stainless steel	**8089501**	
Exhaust terminal ø 60 in stainless steel	**8089541**	
Roof terminal in polypropylene L.1381	**8091204**	
Tile with joint to match the roof terminal	**8091300**	
Collector that channels the separate pipes into a single exit	**8091400**	
Condensation recovery tee ø 80 to be used on the exhaust pipe	**8093310**	

SEPARATE FLUE PIPES FOR CONDENSING BOILERS	Code	
Clapet kit for installation in C flue (10)	**6296543**	
Clapet kit with diaphragm for installation in C flue (10)	**6296550**	
Reduction MF ø 80/50	**8089941**	
Air intake/exhaust splitter ø 80	**8093051**	

FLUE DUCTS UNIQA REVOLUTION BOILER

CONCENTRIC DUCTS	Code	
Concentric duct kit in aluminum ø 60/100 with flue gas analysis ports	**8084813**	
Vertical extension in aluminum ø 60/100 L.200 with flue gas analysis ports	**8086908**	
Extension in aluminum ø 60/100 L.1000	**8096103**	
Extension in aluminum ø 60/100 L.500	**8096102**	
Additional 90° elbow in aluminum ø 60/100	**8095801**	
Additional 45° elbow in aluminum ø 60/100	**8095900**	
Roof outlet terminal in aluminum ø 60/100 L.1284 non-reducible	**8091200**	
Tile with joint compatible with the roof outlet terminal	**8091300**	
Condensate recovery ø 60/100 L.200 for vertical discharge	**8092803**	

FLUE DUCTS UNIQA REVOLUTION BOILER

SEPARATE DUCTS	Code	
Separated Duct Kit ø 80 + extension L.135 with smoke analysis port	**8089960**	
Extension in aluminum ø 80 L.1000 The supply includes 6 pieces	**8077309**	
Extension in aluminum ø 80 L.500 The supply includes 6 pieces	**8077308**	
Internal and outdoor clamp kit for ø 80 pipe	**8091500**	
90° elbow in aluminum ø 80 MF The supply includes 6 pieces	**8077410**	
90° elbow in aluminum ø 80 MF with smoke analysis port	**8077407**	
45° elbow in aluminum ø 80 MF The supply includes 6 pieces	**8077411**	
Inox steel ø 80 intake terminal	**8089500**	
Inox steel ø 80 exhaust terminal	**8089501**	
Roof outlet terminal in aluminum L.1390 not shortenable	**8091201**	
Tile with joint compatible with the roof outlet terminal	**8091300**	
Collector that channels the separated ducts into a single exit	**8091400**	
Condensate recovery ø 80 L.135 To be used on the exhaust duct as close as possible to the boiler	**8092800**	
Condensate recovery tee ø 80 to be used on the exhaust duct	**8093300**	
Clapet kit for collective chimney discharge (C10)	**8089560**	

OIL-FIRED BOILERS

- The range of oil-fired boilers 208

CAST IRON CONDENSING INTEGRATED UNITS

- Solo HE EV - Duetto HE EV 210
- Aqua HE Inox EV 212

CAST IRON INTEGRATED UNITS

- Solo EV - Duetto EV 214
- Aqua Inox EV 216

CAST IRON CONDENSING BOILERS

- Estelle HE ErP 218
- Estelle HE B Inox ErP 220
- 2R HE 222

CAST IRON BOILERS

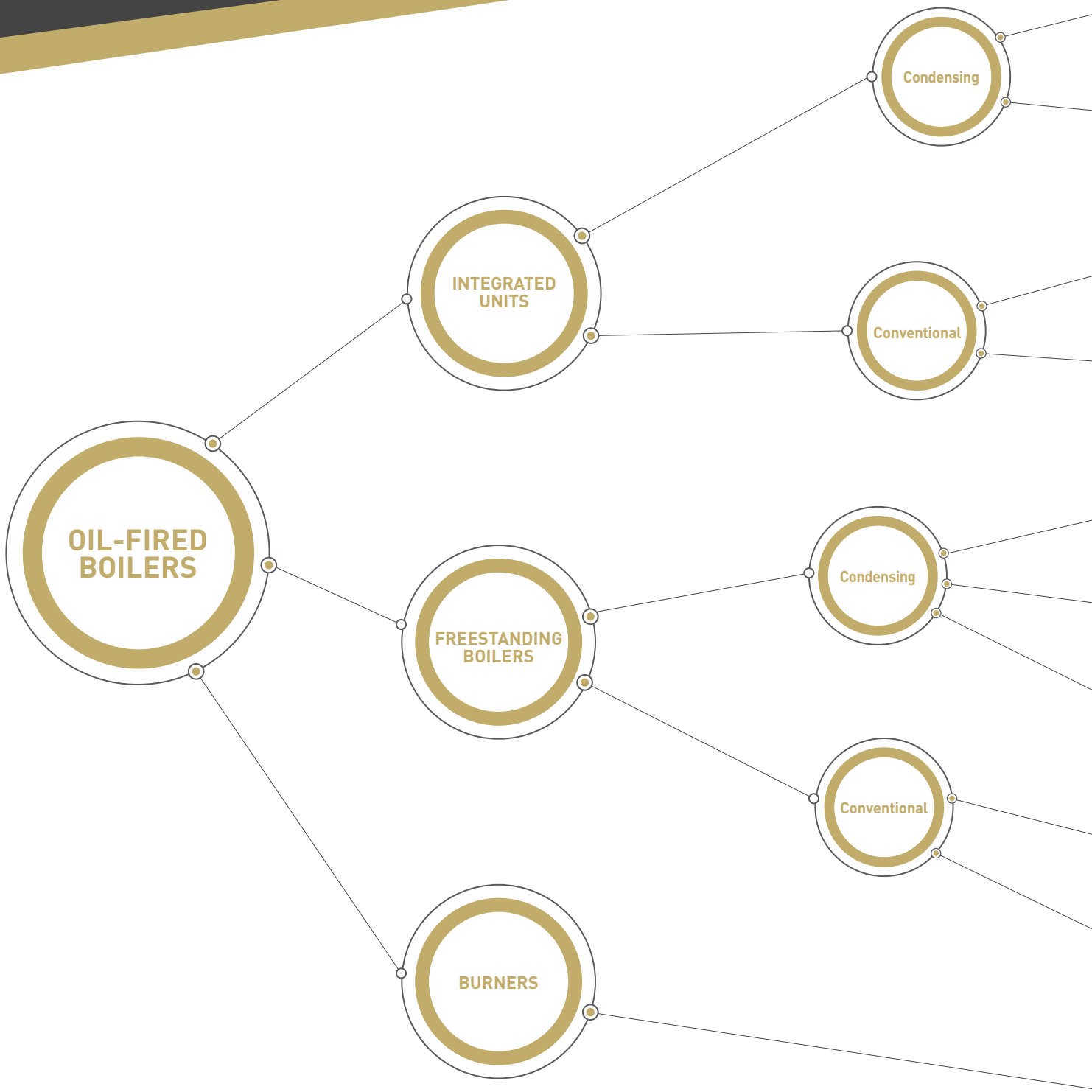
- Estelle ErP BE 224
- Estelle B Inox ErP BE 226

BURNERS

- Low NOx Burners 228

- Accessories 230
- Flue ducts 231

THE RANGE OF OIL-FIRED BOILERS



Solo HE EV - Duetto HE EV

Condensing oil-fired integrated units for heating only (Solo HE EV) and combined with instantaneous domestic hot water production (Duetto HE EV)

25,1 ÷ 33 kW

Aqua HE Inox EV

Condensing oil-fired integrated units combined with a DHW storage tank

25,1 ÷ 33 kW

Solo EV - Duetto EV

Oil-fired integrated units for heating only (Solo EV) and combined with instantaneous domestic hot water production (Duetto EV)

25,1 ÷ 32,4 kW

Aqua Inox EV

Oil-fired integrated units combined with a DHW storage tank

25,1 ÷ 32,4 kW

Estelle HE ErP

Condensing oil-fired boilers for heating only

25,5 ÷ 59,7 kW

Estelle HE B Inox ErP

Condensing oil-fired boilers combined with a 110-liter stainless steel DHW storage tank

33 kW

2R HE ErP

Condensing oil fired boilers for heating only

75 ÷ 192 kW

Estelle ErP

Oil-fired boilers for heating only

25,2 ÷ 52 kW

Estelle B Inox ErP

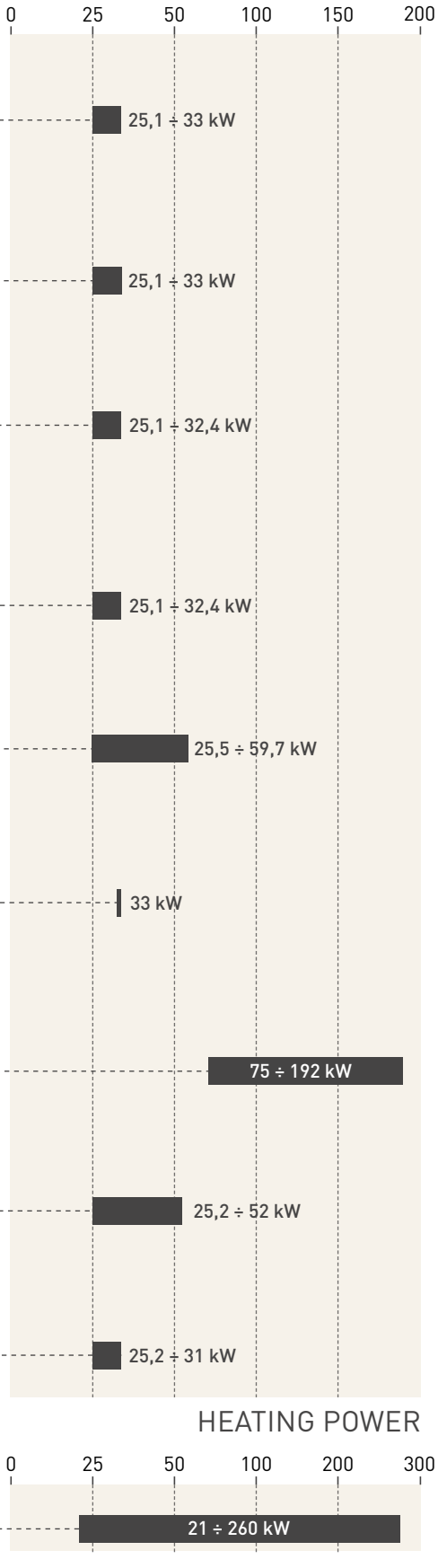
Oil-fired boilers combined with a 110-liter stainless DHW steel storage tank

25,2 ÷ 31 kW

Low NOx Burners

Low Nox oil burners

21 ÷ 260 kW



SOLO HE EV - DUETTO HE EV

CONDENSING OIL-FIRED INTEGRATED UNITS FOR HEATING ONLY (SOLO HE EV) AND COMBINED WITH INSTANTANEOUS DOMESTIC HOT WATER PRODUCTION (DUETTO HE EV)

PRODUCT ADVANTAGES

- Stainless steel post-condenser
- Two versions available: 25,1 kW and 33 kW
- Option for sealed combustion chamber
- Duetto HE versions are equipped with a double circulator, ensuring maximum system efficiency, and an expansion vessel
- Pre-set low NOx burner with soundproofed casing

PRODUCTS

MODELS
Solo HE 25 EV[1]
Solo HE 35 EV[1]

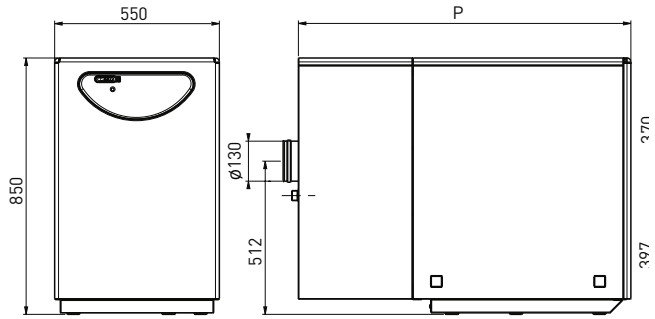
MODELS
Duetto HE 25 EV[1]
Duetto HE 35 EV[1]

[1] Maximum installation altitude: 1300 meters above sea level

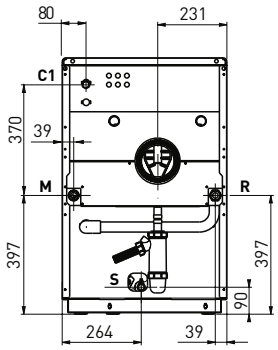
TECHNICAL FEATURES

MODEL		Solo HE 25 EV	Solo HE 35 EV	Duetto HE 25 EV	Duetto HE 35 EV
Heat output (80-60°C)	kW	25,1	33,0	25,1	33,0
Heat output (50-30°C)	kW	26,5	35,5	26,5	35,5
Domestic hot water flow rate (EN 13203)	l/min	–	–	12,0	14,0
Heating Energy efficiency class		A	A	A	A
Sound power	dB(A)	58	59	58	59
DHW Energy efficiency class		–	–	B	B
DHW load profile		–	–	XL	XL
Weight	kg	142	167	182	206

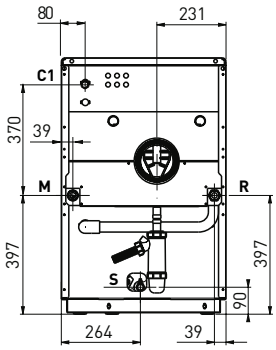
DIMENSIONS



LEGEND		SOLO HE EV	DUETTO HE EV
M	Central heating flow	1"	1"
R	Central heating return	1"	1"
E	DHW inlet	–	1/2"
U	DHW outlet	–	1/2"
C1	System filling	1/2"	–
S	Boiler drain	1/2"	1/2"



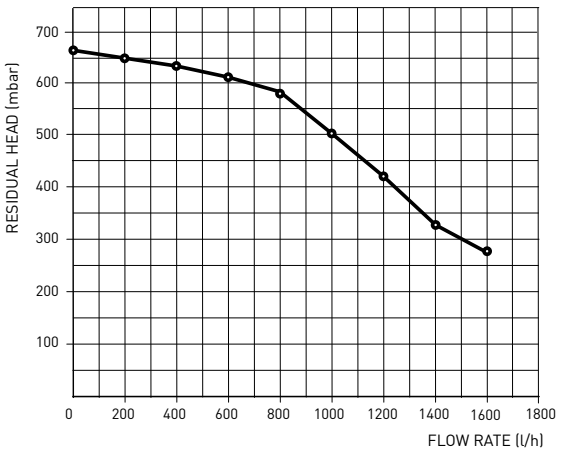
version Solo HE EV



version Duetto HE EV

DIMENSIONS		SOLO-DUETTO 25 HE EV	SOLO-DUETTO 35 HE EV
P	(mm)	1032	1132

HYDRAULIC HEAD



ACCESSORIES

DESCRIPTIONS	Code
Weekly heating-cooling thermostat	**8113511**
Sealed chamber conversion kit for external combustion air intake	**8098816**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

AQUA HE INOX EV

CONDENSING OIL-FIRED INTEGRATED UNITS COMBINED WITH A DHW STORAGE TANK

3 STAR DHW PERFORMANCE

BIO DIESEL 10% GREEN FLAME

PRODUCT ADVANTAGES

- Pre-set burner and soundproof casing
- Stainless steel post-condenser
- Sealed combustion chamber option
- 2 versions available: 25,1 kW and 33 kW
- Integrated 110-liter stainless steel DHW storage tank
- Equipped with dual circulator ensuring optimal system operation and expansion vessel

PRODUCTS

MODEL
Aqua HE 25 Inox EV[1]

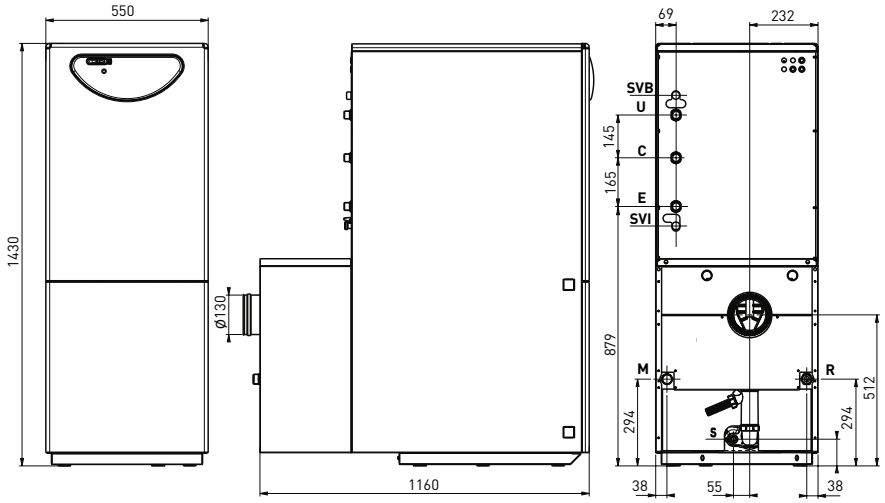
MODEL
Aqua HE 35 Inox EV[1]

[1] Maximum installation altitude: 1300 meters above sea level

TECHNICAL FEATURES

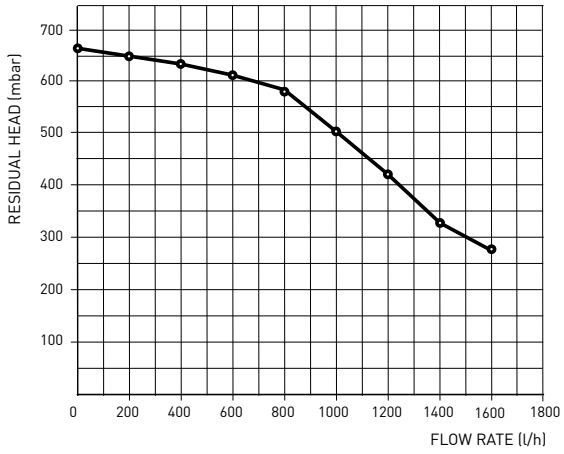
Aqua HE Inox EV		**25**	**35**
Heat output (80-60°C)	kW	25,1	33,0
Heat output (50-30°C)	kW	26,5	35,5
Domestic hot water flow rate (EN 13203)	l/min	21,0	21,0
Heating Energy efficiency class		A	A
Sound power	dB(A)	58	59
DHW Energy efficiency class		B	B
DHW load profile		XL	XL
Weight	kg	225	252

DIMENSIONS



LEGEND		
M	Central heating flow	1"
R	Central heating return	1"
E	DHW inlet	3/4"
U	DHW outlet	3/4"
C	Recirculation	3/4"
S	Boiler drain	
SVI	Heating system safety valve drain	
SVB	DHW storage tank safety valve drain	

HYDRAULIC HEAD



ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling thermostat	**8113511**
Sealed chamber conversion kit for external combustion air intake	**8098816**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

SOLO EV - DUETTO EV

OIL-FIRED INTEGRATED UNITS FOR HEATING ONLY (SOLO EV) AND COMBINED WITH INSTANTANEOUS DOMESTIC HOT WATER PRODUCTION (DUETTO EV)

PRODUCT ADVANTAGES

- Available in two versions: 25,1 kW and 32.4 kW
- Duetto models equipped with dual circulator ensuring optimal system operation and an expansion vessel
- Pre-calibrated burner and soundproofed casing
- Possibility of sealed combustion chamber operation

PRODUCTS

MODELS
Solo 25 EV[1]
Solo 35 EV[1]

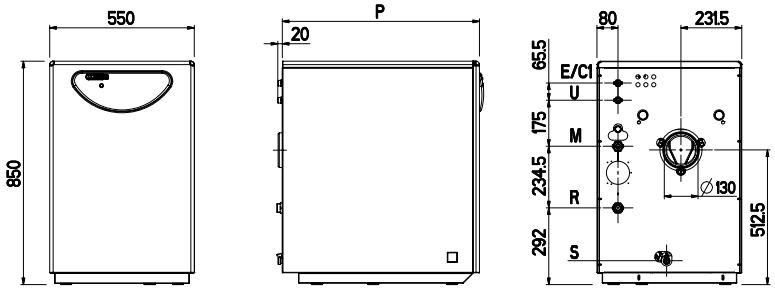
MODELS
Duetto 25 EV[1]
Duetto 35 EV[1]

[1] Maximum installation altitude: 1300 m above sea level

TECHNICAL FEATURES

MODEL		Solo 25 EV	Solo 35 EV	Duetto 25 EV	Duetto 35 EV
Heat output	kW	25,1	32,4	25,1	32,4
Domestic hot water flow rate (EN 13203)	l/min	–	–	12	14
Heating Energy efficiency class		B	B	B	B
Sound power	dB(A)	58	59	58	59
DHW Energy efficiency class		–	–	B	B
DHW load profile		–	–	XL	XL
Weight	kg	137	162	176	201

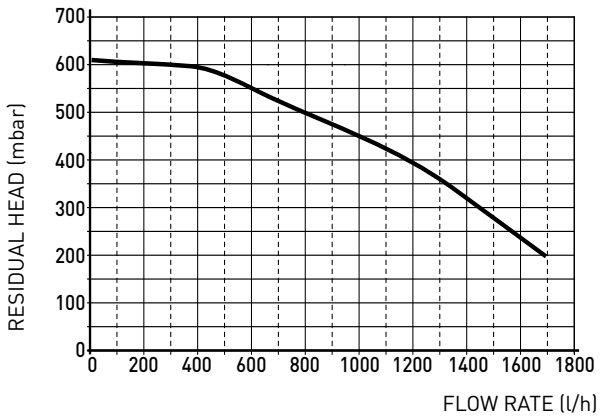
DIMENSIONS



LEGEND		SOLO EV	DUETTO EV
M	Central heating flow	1"	1"
R	Central heating return	1"	1"
E	DHW inlet	–	1/2"
U	DHW outlet	–	1/2"
C1	System filling	1/2"	–
S	Boiler drain	1/2"	1/2"

DIMENSIONS		SOLO-DUETTO 25	SOLO-DUETTO 35
P	(mm)	750	850

HYDRAULIC HEAD



ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling thermostat	**8113511**
Sealed chamber conversion kit for external combustion air intake	**8098816**

FLUE DUCTS

CONCENTRIC DUCTS	Code
Air intake/outlet kit ø 80/125[1]	**8098810**
Stainless steel extension ø 80/125 L.1000	**8096121**
Stainless steel extension ø 80/125 L.500	**8096120**
Additional stainless steel elbow ø 80/125 at 90°	**8095820**
Additional stainless steel elbow ø 80/125 at 45°	**8095920**
Horizontal terminal ø 80/125	**8096220**
Stainless steel roof outlet terminal ø 80/125 L.1063	**8091203**
Adjustable flat roof tile for roof outlet terminal	**8091300**
Vertical condensation drain ø 80/125	**8092820**

[1] To be used always in combination with code 8098816.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

AQUA INOX EV

OIL-FIRED INTEGRATED UNITS
COMBINED WITH A DHW STORAGE TANK

3 STAR DHW PERFORMANCE

BIO DIESEL 10% GREEN FLAME

PRODUCT FEATURES

- Available in two models with 25,1 kW and 32,4 kW output
- 110-liter integrated stainless steel DHW storage tank
- Equipped with dual circulator ensuring maximum system efficiency and expansion vessel
- Pre-set low NOx burner and soundproofed casing
- Sealed combustion chamber option available

PRODUCT RANGE

MODEL
Aqua 25 Inox EV[1]

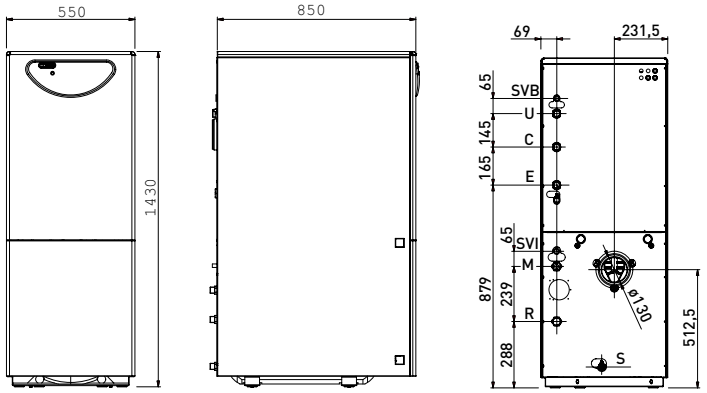
MODEL
Aqua 35 Inox EV[1]

[1] Maximum installation altitude: 1300 m above sea level

TECHNICAL FEATURES

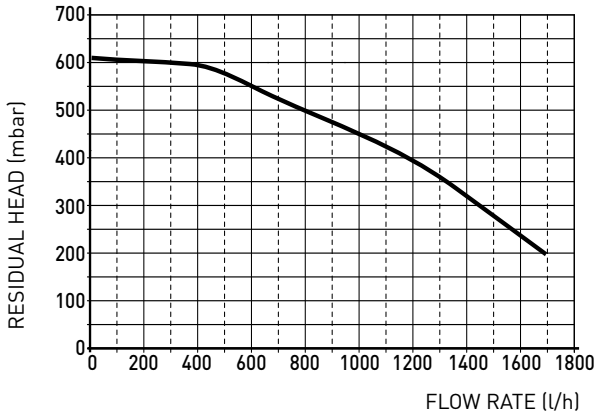
Aqua Inox EV		25	35
Heat output	kW	25,1	32,4
Domestic hot water flow rate (EN 13203)	l/min	21	21
Heating Energy efficiency class		B	B
Sound power	dB(A)	58	59
DHW Energy efficiency class		B	B
DHW load profile		XL	XL
Weight	kg	220	247

DIMENSIONS



LEGEND		
M	Central heating flow	1"
R	Central heating return	1"
E	DWH inlet	3/4"
U	DHW outlet	3/4"
C	Recirculation connection	3/4"
S	Boiler drain	
SVI	Heating system safety valve drain	
SVB	DHW tank safety valve drain	

HYDRAULIC HEAD



ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling thermostat	**8113511**
Sealed chamber conversion kit for external combustion air intake	**8098816**

FLUE DUCTS

CONCENTRIC DUCTS	Code
Air intake/outlet kit ø 80/125 [1]	**8098810**
Stainless steel extension ø 80/125 L.1000	**8096121**
Stainless steel extension ø 80/125 L.500	**8096120**
Additional stainless steel elbow ø 80/125 at 90°	**8095820**
Additional stainless steel elbow ø 80/125 at 45°	**8095920**
Horizontal terminal ø 80/125	**8096220**
Stainless steel roof terminal ø 80/125 L.1063	**8091203**
Adjustable roof tile flashing for roof terminal	**8091300**
Condensate drain for vertical exhaust ø 80/125	**8092820**

[1] To be used always in combination with code 8098816.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

ESTELLE HE ErP

CONDENSING OIL-FIRED BOILERS FOR HEATING ONLY

THREE-PASS FLUES

PRODUCT ADVANTAGES

- Stainless steel post-condenser
- Combustion chamber compliant with DIN standards
- Reversible combustion chamber door

PRODUCTS

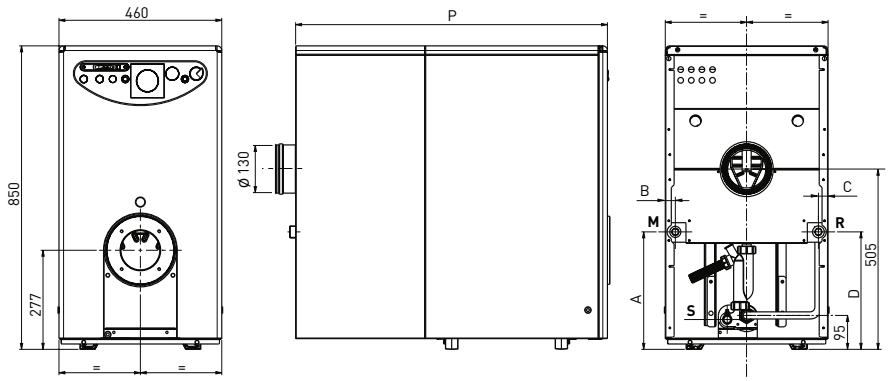
MODEL
Estelle HE 3 ErP
Estelle HE 4 ErP
Estelle HE 5 ErP

MODEL
Estelle HE 6 ErP
Estelle HE 7 ErP

TECHNICAL FEATURES

Estelle HE ErP		3	4	5	6	7
Heat output (80-60°C)	kW	25,1	33,0	40,0	48,0	59,7
Heat output (50-30°C)	kW	26,5	35,5	42,2	50,5	62,8
Heating energy efficiency class		A	A	A	A	A
Cast iron elements	n°	3	4	5	6	7
Weight	kg	109	135	161	186	212

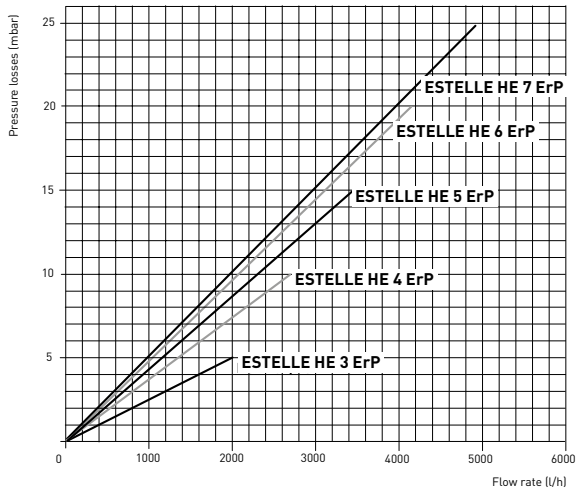
DIMENSIONS



LEGEND		
M	Central heating flow	1"
R	Central heating return	1"
S	Boiler drain	1/2"

DIMENSIONS		3	4	5	6	7
P	(mm)	795	895	995	1095	1195
A	(mm)	330	330	325	325	325
B	(mm)	28	28	128	128	128
C	(mm)	28	28	33	33	33
D	(mm)	330	330	390	390	390

PRESSURE LOSSES



COMPATIBLE BURNERS

BURNERS WITH NOX EMISSIONS LOWER THAN 115 MG/KWH	APPLICATION	Code
Sime Fuel 25 EV (vers. HE)	Estelle HE 3 ErP	**8118502**
Sime Fuel 35 EV (vers. HE)	Estelle HE 4 ErP	**8118503**
G1 SR LX[1]	Estelle HE 5 ErP - Estelle HE 6 ErP	**8099126**
G2.22 R LX	Estelle HE 7 ErP	**8099127**

[1] For pairing with Estelle HE 6 ErP, the nozzle code 6330179 must be requested.

ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling thermostat	**8113511**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

ESTELLE HE B INOX ErP

CONDENSING OIL-FIRED BOILERS COMBINED WITH A 110-LITER STAINLESS STEEL DHW STORAGE TANK

THREE-PASS FLUES

PRODUCT ADVANTAGES

- Stainless steel post-condenser
- Hydraulic circuit complete with DHW tank pump and pre-arrangement for heating system pump connection
- Combustion chamber compliant with DIN standards
- Reversible combustion chamber door

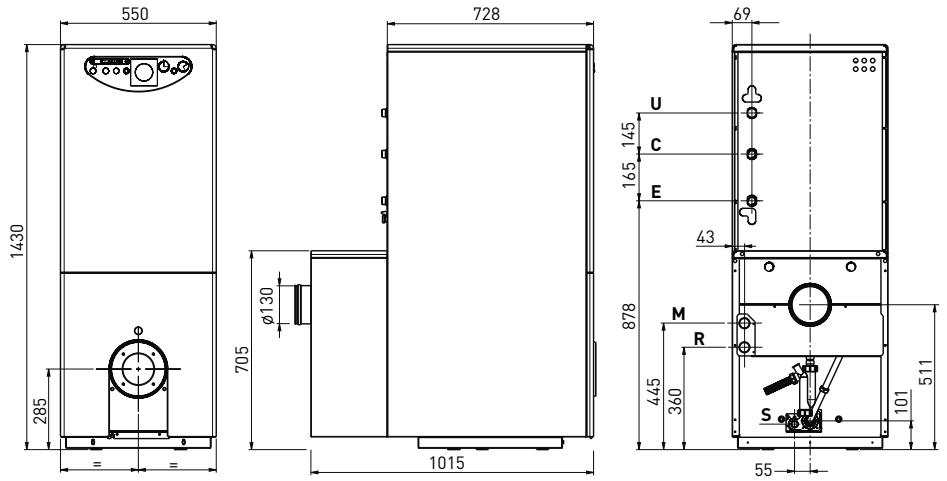
PRODUCTS

MODEL
Estelle HE B4 Inox ErP

TECHNICAL FEATURES

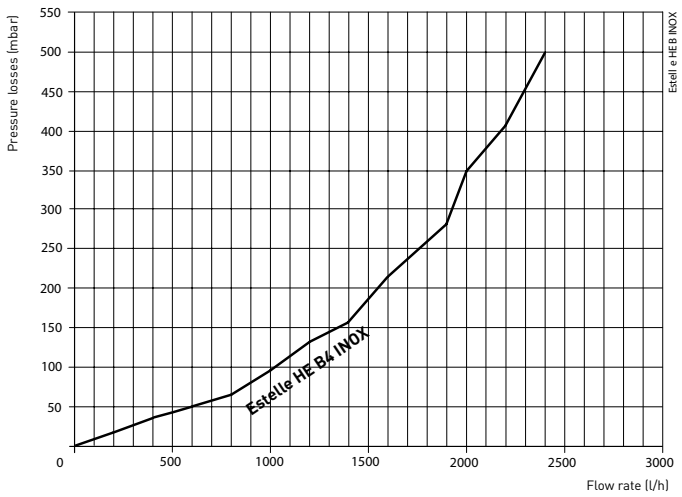
Estelle HE B Inox ErP		**4**
Heat output (80-60°C)	kW	33,0
Heat output (50-30°C)	kW	35,5
DHW flow rate (EN 625)	l/min	21
Heating energy efficiency class		A
DHW Energy efficiency class		B
DHW load profile		XL
Cast iron elements	n°	4
Weight	kg	220

DIMENSIONS



LEGEND		
M	Central heating flow	1"
R	Central heating return	1"
E	DWH inlet	3/4"
U	DHW outlet	3/4"
C	Recirculation connection	3/4"
S	Boiler drain	

PRESSURE LOSSES



COMPATIBLE BURNERS

BURNERS WITH NOx EMISSIONS LOWER THAN 115 mg/kWh	Code
Sime Fuel 35 EV (HE version)	**8118503**

ACCESSORIES

DESCRIPTION	Code
Weekly programmable thermostat (heating & cooling mode)	**8113511**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

2R HE ErP

CONDENSING OIL FIRED
BOILERS FOR HEATING ONLY

PRODUCT ADVANTAGES

- Cast iron oil fired boiler for central heating only
- Post-condenser in stainless steel material
- Innovative design of elements to increase efficiency
- Thermostatic regulation included
- Combinable with various types of burners (with characteristics similar to SIME burners)
- Boiler body with three smoke turns
- High quality cast iron elements
- Boiler supplied in parts: casing, cast iron body, control panel and post-condenser kit

PRODUCTS

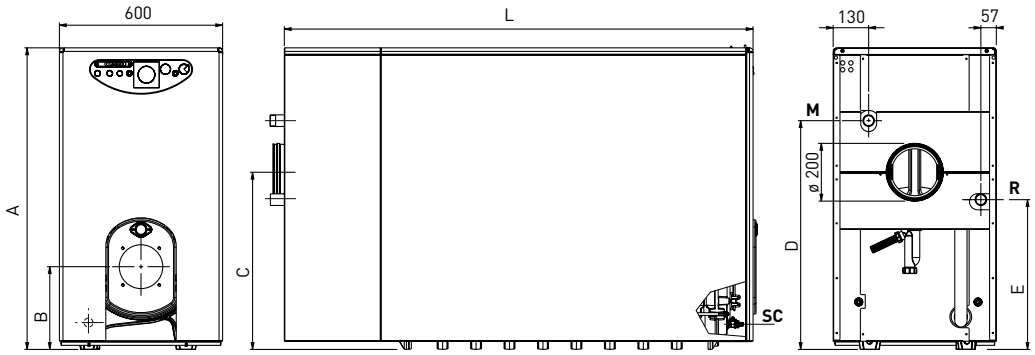
MODELS
2R HE 6 ErP
2R HE 7 ErP
2R HE 8 ErP
2R HE 9 ErP

MODELS
2R HE 10 ErP
2R HE 11 ErP
2R HE 12 ErP
2R HE 13 ErP

TECHNICAL FEATURES

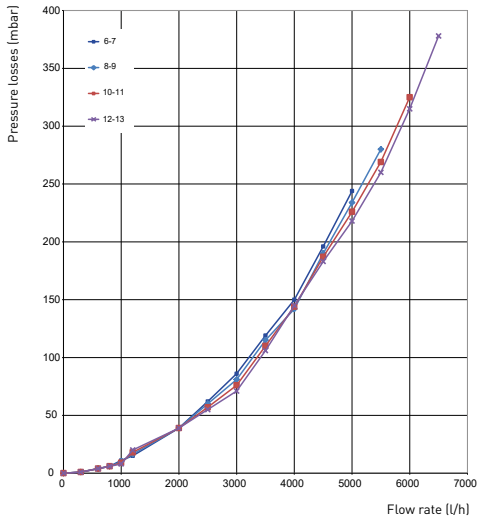
2R HE ErP		6	7	8	9	10	11	12	13
Heat output (80-60°C)	kW	75,0	82,0	98,0	114,0	134,0	151,7	172,0	192,0
Heat output (50-30°C)	kW	80,2	86,6	103,5	120,0	142,1	159,7	180,0	202,0
Heating energy efficiency class		A	A	A	A	A	A	A	A
Section	n°	6	7	8	9	10	11	12	13
Weight	kg	355	400	445	490	530	570	610	659

DIMENSIONS



LEGEND		6	7	8	9	10	11	12	13
L	Depth (mm)	1.232	1.355	1.478	1.601	1.724	1.847	1.970	2.093
R	Central heating flow	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
M	Central heating flow	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
S	Condensate discharge	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"

PRESSURE LOSSES



COMPATIBLE BURNERS

BURNERS WITH NOx EMISSIONS LOWER THAN 115 mg/kWh	USE	Code
RBL BG6.1D[1]	2R HE 6 ErP - 2R HE 7 ErP	**8099180**
RBL BG7.1D[1]	2R HE 8 ErP - 2R HE 9 ErP - 2R HE 10 ErP	**8099181**
RBL RL 25 BLU TC[1]	2R HE 11 ErP - 2R HE 12 ErP - 2R HE 13 ErP	**8099182**

[1] Temporary coupling to be confirmed after tests.

ACCESSORIES

DESCRIPTION	Code
Weekly programmable thermostat (heating & cooling mode)	**8113511**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

ESTELLE ErP BE

OIL-FIRED BOILERS
FOR HEATING ONLY

THREE-PASS FLUES

PRODUCT ADVANTAGES

- DIN-compliant combustion chamber
- Possibility of sealed chamber combustion with EV burners
- Reversible combustion chamber door

PRODUCT RANGE

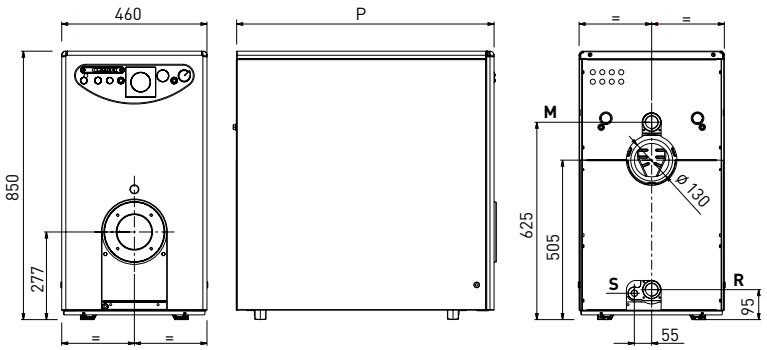
MODELS
Estelle 4 ErP BE
Estelle 5 ErP BE

MODELS
Estelle 6 ErP BE
Estelle 7 ErP BE

TECHNICAL FEATURES

Estelle ErP BE		4	5	6	7
Heat output (80-60°C)	kW	25,2	31,0	44,5	52,0
Energy efficiency class (heating)		B	B	B	B
Cast iron elements	n°	4	5	6	7
Weight	kg	135	161	186	212

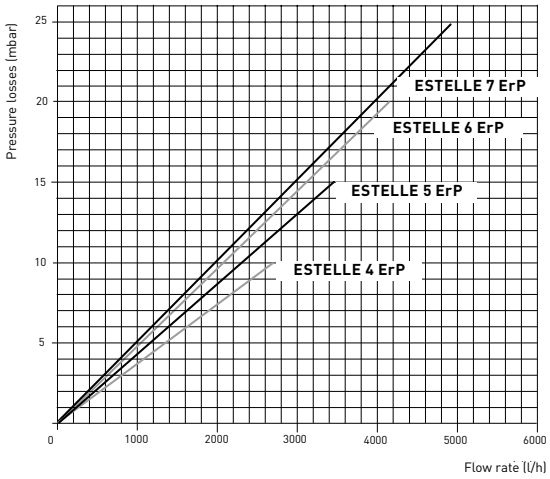
DIMENSIONS



LEGEND		
M	Central heating flow	1 1/4"
R	Central heating return	1 1/4"
S	Boiler drain	1/2"

DIMENSIONS		4	5	6	7
P	(mm)	515	615	715	815

BOILER CIRCUIT PRESSURE LOSSES



COMPATIBLE BURNERS

LOW NOx BURNERS (< 115 mg/kWh)	APPLICATION	Code
Sime Fuel 25 EV (std. version)	Estelle 4 ErP BE	**8118500**
Sime Fuel 35 EV (std. version)	Estelle 5 ErP BE	**8118501**
Mack 6 ErP Low NOx	Estelle 6 ErP BE	**8099157**
Mack 7 ErP Low NOx	Estelle 7 ErP BE	**8099158**

ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling thermostat	**8113511**
Sealed combustion air intake/exhaust kit[1]	**8098815**

FLUE DUCTS

CONCENTRIC FLUE DUCTS [1]	Code
Stainless steel extension ø 80/125 L.1000	**8096121**
Stainless steel extension ø 80/125 L.500	**8096120**

CONCENTRIC FLUE COMPONENTS [1]	Code
Additional stainless steel bend ø 80/125 at 90°	**8095820**
Additional stainless steel bend ø 80/125 at 45°	**8095920**
Horizontal terminal ø 80/125	**8096220**
Roof outlet terminal in stainless steel ø 80/125 L.1063	**8091203**
Adjustable roof tile flashing for roof outlet terminal	**8091300**
Condensate drain for vertical flue exhaust ø 80/125	**8092820**

[1] Applicable for EV burner on Estelle 4-5 ErP BE.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

ESTELLE B INOX ErP BE

OIL-FIRED BOILERS COMBINED WITH A 110-LITER STAINLESS DHW STEEL STORAGE TANK

THREE-PASS FLUES

3 STAR DHW PERFORMANCE

PRODUCT ADVANTAGES

- Combustion chamber compliant with DIN standards
- Reversible combustion chamber door
- Complete hydraulic circuit with DHW tank pump and provision for heating system pump connection
- Possibility of sealed combustion with EV burners

PRODUCTS

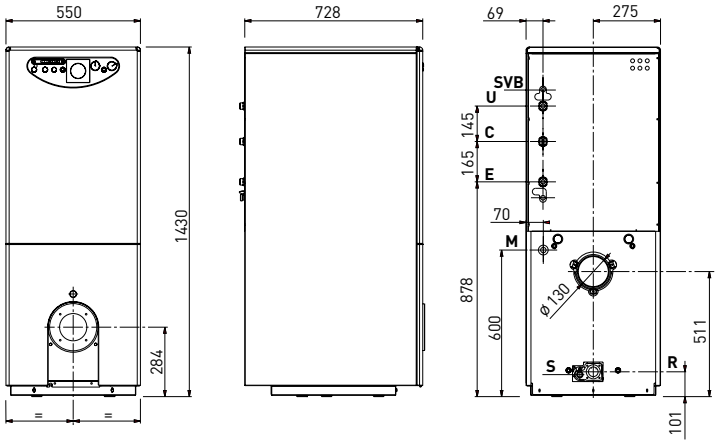
MODEL
Estelle B4 Inox ErP BE

MODEL
Estelle B5 Inox ErP BE

TECHNICAL FEATURES

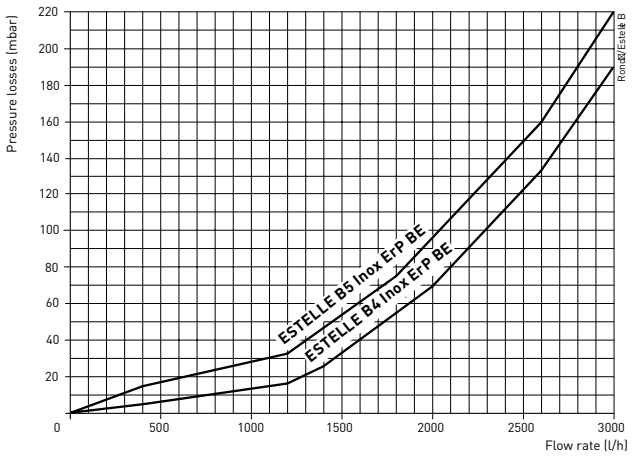
Estelle B Inox ErP BE		4	5
Heat output (80-60°C)	kW	25,2	31,0
DHW flow rate (EN 625)	l/min	21,0	21,0
Heating energy efficiency class		B	B
DHW energy efficiency class		B	B
DHW load profile		XL	XL
Cast iron elements	n°	4	5
Weight	kg	203	229

DIMENSIONS



LEGEND		
M	Central heating flow	1"
R	Central heating return	1 1/4"
E	DWH inlet	3/4"
U	DHW outlet	3/4"
C	Recirculation connection	3/4"
S	Boiler drain	
SVB	Safety valve drain for storage tank	

PRESSURE LOSSES



COMPATIBLE BURNERS

BURNERS WITH NOx EMISSIONS BELOW 115 mg/kWh	APPLICATION	Code
Sime Fuel 25 EV (vers. std)	Estelle B4 Inox ErP BE	**8118500**
Sime Fuel 35 EV (vers. std)	Estelle B5 Inox ErP BE	**8118501**

ACCESSORIES

DESCRIPTION	Code
Weekly heating-cooling thermostat	**8113511**
Sealed combustion air intake/exhaust kit [1]	**8098815**

FLUE DUCTS

CONCENTRIC FLUE DUCTS[1]	Code
Stainless steel extension ø 80/125 L.1000	**8096121**
Stainless steel extension ø 80/125 L.500	**8096120**

CONCENTRIC FLUE DUCTS[1]	Code
Additional stainless steel elbow ø 80/125 at 90°	**8095820**
Additional stainless steel elbow ø 80/125 at 45°	**8095920**
Horizontal terminal ø 80/125	**8096220**
Stainless steel roof outlet terminal ø 80/125 L.1063	**8091203**
Adjustable roof flashing compatible with the roof outlet terminal	**8091300**
Condensate drain for vertical flue ø 80/125	**8092820**

[1] EV burner required for Estelle 4-5 ErP BE.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE OIL-FIRED BOILERS SECTION

LOW NOx BURNERS

LOW NOX OIL FIRED BURNERS

OIL BURNERS

FUEL LN

- Oil sealed combustion burners with 27 and 34,8 kW power
- All the models are equipped with preheater

G1-G2

- Oil burners with power from 59,2 to 94,7 kW
- All the models are equipped with preheater

MACK

- Oil sealed combustion burners with 45 and 55 power
- All the models are equipped with preheater

RBL

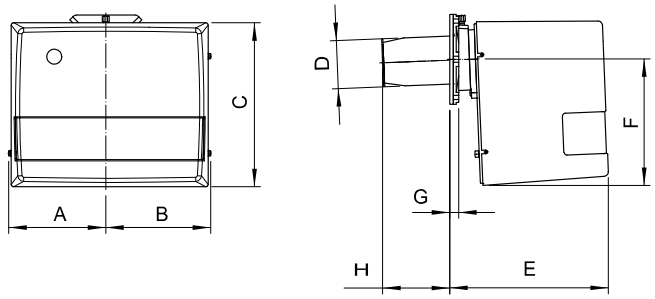
- Oil sealed combustion burners with 53,8 and 260 power
- All the models are equipped with preheater

PRODUCTS

MODELS	Code
Sime Fuel 25 LN (vers. HE)	**8099124**
Sime Fuel 35 LN (vers. HE)	**8099125**
Sime Fuel 25 LN (vers. std)	**8099172**
Sime Fuel 35 LN (vers. std)	**8099173**
G1 SR LX	**8099126**
G2.22 R LX	**8099127**

MODELS	Code
Mack 6 ErP Low NOx	**8099157**
Mack 7 ErP Low NOx	**8099158**
RBL BG6.1D	**8099180**
RBL BG7.1D	**8099181**
RBL RL 25 BLU TC	**8099182**

DIMENSIONS



DIMENSIONS	Sime Fuel 25 LN	Sime Fuel 35 LN	G1	G2	Mack 6	Mack 7	RBL BG6.1D	RBL BG7.1D	RBL RL 25 BLU TC
A (mm)	155	155	157	157	161	161	150	150	221
B (mm)	148	148	170	170	164	164	150	150	221
C (mm)	238	238	275	275	274	274	345	345	416
D (mm)	72	83	90	90	97	97	131	165	140
E (mm)	217	217	265	265	253	253	228	247	508
F (mm)	161	161	210	210	204	204	285	285	305
G (mm)	17	17	15	15	17	17	12	12	12
H (mm)	87	104	120	120	282,5	282,5	284	394	200

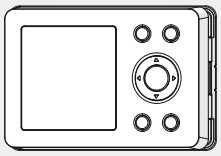
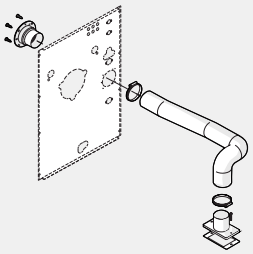
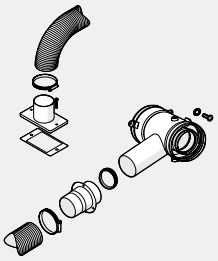
TECHNICAL FEATURES

Burners		Sime Fuel 25 LN	Sime Fuel 35 LN	G1	G2	Mack 6	Mack 7	RBL BG6.1D	RBL BG7.1D	RBL RL 25 BLU TC
Thermal power min/max	kW	27	34,8	31,9 - 59,2	47,3 - 94,7	45	55	53,8 - 104	77,7 - 149,5	90 - 260
Output min/max	kg/h	2,25	2,90	2,7 - 5,0	4,0 - 8,0	3,8	3,6	4,5 - 8,7	6,5 - 12,5	8 - 22

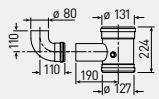
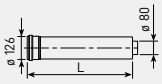
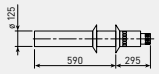
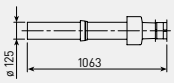
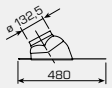
COMPATIBLE BOILERS

MODEL	USE
Sime Fuel 25 LN (vers. HE)	Estelle HE 3 ErP
Sime Fuel 35 LN (vers. HE)	Estelle HE 4 ErP - Estelle HE B4 Inox ErP
Sime Fuel 25 LN (vers. std)	Estelle 4 ErP BE - Estelle B4 Inox ErP BE
Sime Fuel 35 LN (vers. std)	Estelle 5 ErP BE - Estelle B5 Inox ErP BE
G1 SR LX	Estelle HE 5 ErP - Estelle HE 6 ErP
G2.22 R LX	Estelle HE 7 ErP
Mack 6 ErP Low NOx	Estelle 6 ErP BE
Mack 7 ErP Low NOx	Estelle 7 ErP BE
RBL BG6.1D	2R HE 6 ErP - 2R HE 7 ErP - 2R HE 8 ErP
RBL BG7.1D	2R HE 9 ErP - 2R HE 10 ErP
RBL RL 25 BLU TC	2R HE 11 ErP - 2R HE 12 ErP - 2R HE 13 ErP

ACCESSORIES

DESCRIPTION	Code	
Weekly heating-cooling thermostat Allows setting and controlling room temperature in both summer and winter modes. Features a large backlit display, wall-mounted installation (surface-mounted), battery-powered (batteries not included), IP20 rating. Class I device. **APPLICATION: Solo HE EV, Duetto HE EV, Aqua HE Inox EV, Solo EV, Duetto EV, Aqua Inox EV, Estelle HE ErP, Estelle HE B Inox ErP, Estelle ErP, Estelle B Inox ErP, 2R HE**	**8113511**	
Sealed chamber conversion kit for external combustion air intake Ensures sealed combustion separate from the installation environment. Only compatible with Fuel EV burners. The kit includes: burner air intake flange, flexible tube ø 75 L.930, ø 80 flange with clamp. **APPLICATION: Solo HE EV, Duetto HE EV, Aqua HE Inox EV, Solo EV, Duetto EV, Aqua Inox EV**	**8098816**	
Sealed combustion air intake/exhaust kit Ensures sealed combustion separate from the installation environment. Only compatible with Fuel EV burners. The kit includes: burner air intake flange, flexible tube ø 75 L.1050, ø 80 flange with clamp, ø 80/125 adapter. **APPLICATION: Estelle 4-5 ErP, Estelle B Inox ErP**	**8098815**	

FLUE DUCTS

CONCENTRIC FLUE DUCTS (for EV burners)	Code	
Air intake/exhaust kit ø 80/125	**8098810**	
Stainless steel extension ø 80/125 L.1000	**8096121**	
Stainless steel extension ø 80/125 L.500	**8096120**	
Additional stainless steel elbow ø 80/125 at 90°	**8095820**	
Additional stainless steel elbow ø 80/125 at 45°	**8095920**	
Horizontal terminal ø 80/125	**8096220**	
Stainless steel roof outlet terminal ø 80/125 L.1063	**8091203**	
Adjustable roof flashing compatible with the roof outlet terminal	**8091300**	
Condensate drain for vertical flue ø 80/125	**8092820**	

WATER HEATERS

- The water heaters range 234

HEAT PUMP WATER HEATERS

- EcoMaxi VB 236

GAS WATER HEATERS

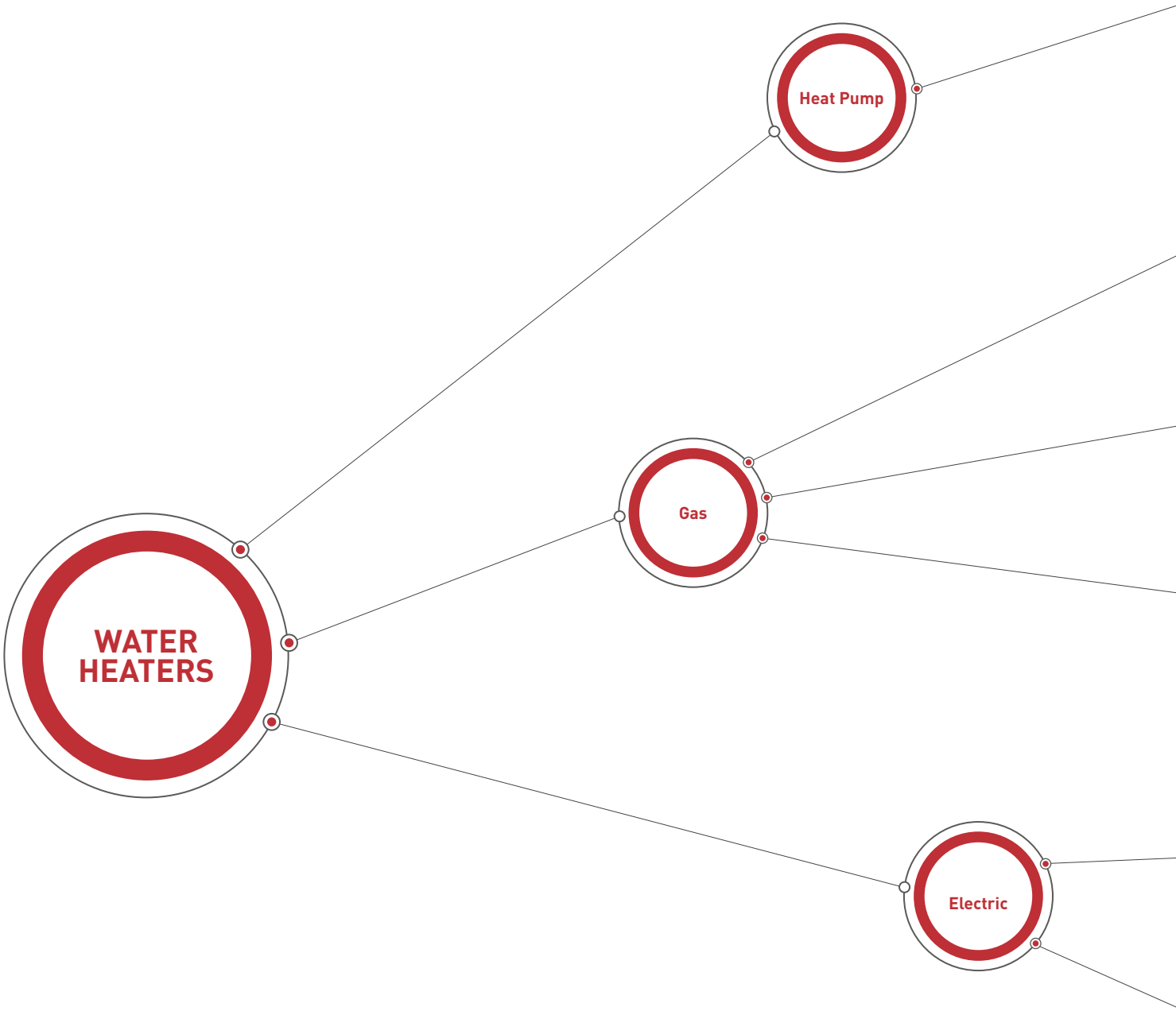
- Mini BF ErP 238
- Mini E 240
- Mini OF VA 242

ELECTRIC WATER HEATERS

- Lago 244
- Lago XS 246

- Accessories 248
- Flue ducts 249

WATER HEATERS RANGE



EcoMaxi VB

Heat pump water heater with DHW storage tank

Mini BF ErP

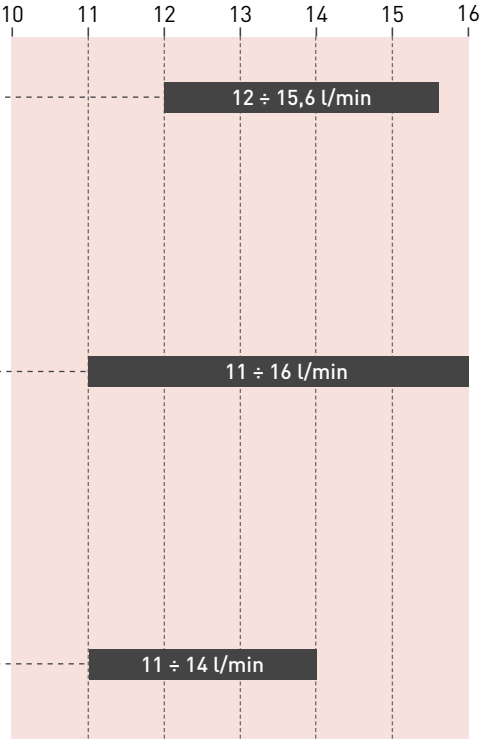
Instantaneous gas water heater with forced exhaust

Mini E

Instantaneous gas water heater for outdoor installation

Mini OF VA

Instantaneous gas water heater with open chamber

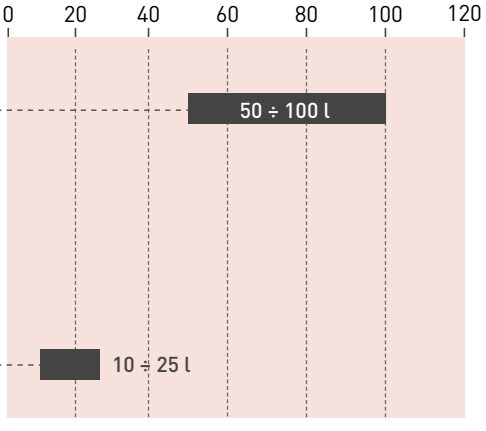


Lago

Electric water heater with DHW storage tank

Lago XS

Electric water heater with DHW storage tank



ECOMAXI VB

HEAT PUMP WATER HEATER
WITH DHW STORAGE TANK

R134A
REFRIGERANT GAS

WI-FI CONNECTIVITY

COMPACT DIMENSIONS

PV SELF-CONSUMPTION FUNCTION

PRODUCT ADVANTAGES

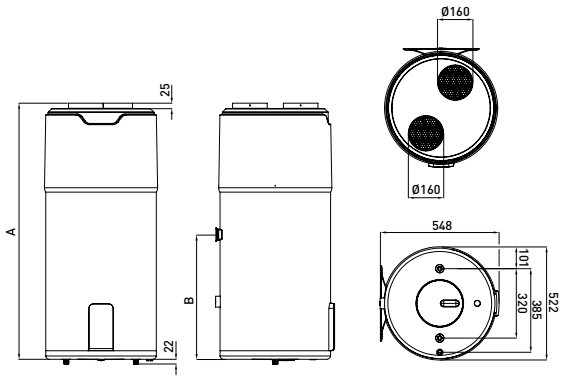
- Wall-mounted installation available in 80L and 120L versions, floor-standing installation in 200L and 300L versions
- Steel tank enameled
- Double anode: electronic anode + replaceable anti-corrosion magnesium anode
- Heating coil wrapped externally to the storage tank
- Automatic anti-legionella protection function
- Anti-freeze protection
- Dedicated digital input for photovoltaic self-consumption function
- Internal heat exchanger coil for connection to a solar thermal system (available in 200 S and 300 S versions)
- Integrated electronic management of the solar system with standard probe (only for 200 S and 300 S versions)
- Standard electrical resistance to ensure comfort even in the most extreme conditions
- Integrated Wi-Fi for remote control via App

PRODUCTS

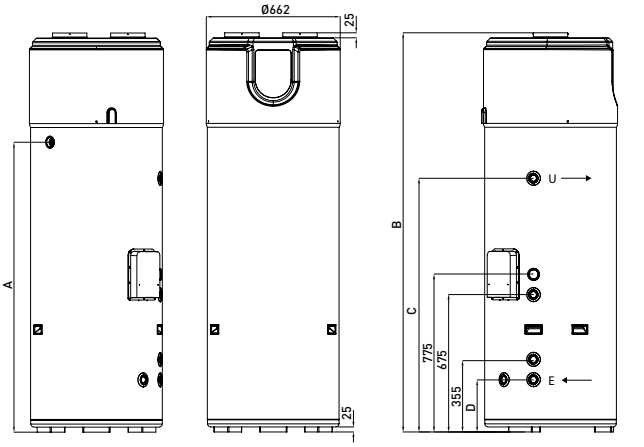
MODELS
EcoMaxi VB 80
EcoMaxi VB 120
EcoMaxi VB 200

MODELS
EcoMaxi VB 200 S
EcoMaxi VB 300
EcoMaxi VB 300 S

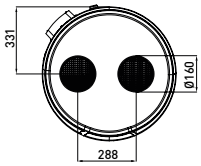
DIMENSIONS



Vers. 80 - 120



Vers. 200 - 200 S - 300 - 300 S



LEGEND		80	120	200	200 S	300	300 S
E	DHW inlet	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"
U	DHW outlet	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"

DIMENSIONS	80	120	200	200 S	300	300 S
A (mm)	1.181	1.501	990	990	1.430	1.430
B (mm)	575	935	1.530	1.530	1.970	1.970
C (mm)	-	-	836	836	1.250	1.250
D (mm)	-	-	255	255	255	255

TECHNICAL FEATURES

EcoMaxi VB		80	120	200	200 S	300	300 S
Power input	W	800 (+1500 [1])	800 (+1500 [1])	900 (+1500 [1])	900 (+1500 [1])	900 (+1500 [1])	900 (+1500 [1])
Tank volume	l	80	120	200	198,5	303	301,5
COP[2]		2,77	2,89	3,30	3,30	3,68	3,68
COP[3]		2,45	2,45	2,80	2,80	2,97	2,97
SCOP[4]		2,79	2,91	3,35	3,35	3,72	3,72
DHW energy efficiency		A+	A+	A+	A+	A+	A+
DHW load profile		M	M	L	L	XL	XL
Sound power	dB(A)	58	60	58	58	58	58
Air temperature (min/max)	°C	-7/43	-7/43	-7/43	-7/43	-7/43	-7/43
Refrigerant charge (R134A)	g	540	540	600	600	650	650
Max working pressure	bar	8	8	8	8	8	8
Empty/ full weight	kg	57/137	67/187	125/325	125/325	134/434	134/434

[1] Related to auxiliary resistance.
[2] Values obtained with external air temperature at 14°C, water temperature from 10°C to 52°C (EN 16147).
[3] Values obtained with external air temperature at 7°C, water temperature from 10°C to 52°C (EN 16147).
[4] Seasonal energy efficiency of water heating based on ErP directive (EN 16147), ambient temperature 15°C.

MINI BF ErP

INSTANTANEOUS GAS WATER HEATERS WITH FORCED EXHAUST

IP X4D
ELECTRICAL PROTECTION

COMPACT DIMENSIONS

BIO METHANE 100%
GREEN FLAME

PRODUCT ADVANTAGES

- One version open chamber, forced exhaust, or sealed chamber, depending on the flue accessories
- Suitable for indoor or partially protected outdoor installation
- Compact dimensions
- Multifunctional interface with high-visibility LED display
- Compatible with solar thermal systems

PRODUCTS

MODELS
Mini 12 BF ErP
Mini 12 BF ErP (LPG version)

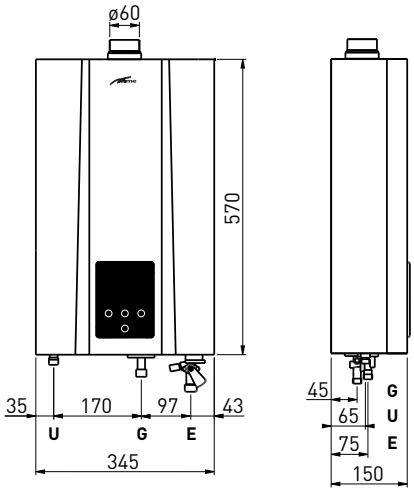
MODELS
Mini 16 BF ErP
Mini 16 BF ErP (LPG version)

TECHNICAL FEATURES

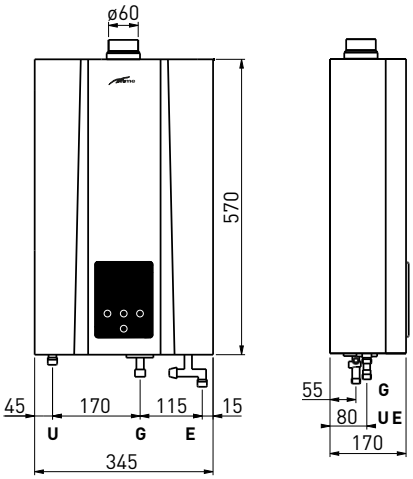
Mini BF ErP		12	16
Nominal heat output	kW	21	27
Nominal heat input	kW	24	30
DHW flow rate Δt 25°C	l/min	12	16
DHW energy efficiency		A	A
DHW load profile		M	XL
Max working pressure	bar	10	10
Weight	kg	15,7	16,7

DIMENSIONS

MINI 12 BF ErP



MINI 16 BF ErP



LEGEND	12	16
G Gas supply	1/2"	1/2"
E DHW inlet	1/2"	1/2"
U DHW outlet	1/2"	1/2"

ACCESSORIES

DESCRIPTION	Code
Anti-freeze resistance kit for fittings (-15°C)	**8089825**
Wall spacer kit for Mini BF ErP	**8081223**

FLUE DUCTS

CONCENTRIC DUCTS (TYPE C)[1]	Code
Vertical connection ø 60/100	**8086912**
Concentric air intake/exhaust duct kit ø 60/100	**8099301**
90° elbow ø 60/100	**8112756**
Extension ø 60/100 L.500	**8112702**
Extension ø 60/100 L.1000	**8112703**
Roof terminal in aluminum ø 60/100 L.1284 (not adjustable)	**8091200**
Adjustable roof tile compatible with roof terminal	**8091300**

FORCED EXHAUST DUCTS (TYPE B)[1-2]	Code
Forced exhaust adapter (Type B)	**8112750**
Extension ø 60 L.500	**8112752**
Extension ø 60 L.1000	**8112753**
Flue gas terminal ø 60 L.200	**8112754**
90° elbow ø 60	**8112751**

[1] Flue configurations are shown at the end of the "FLUE CONFIGURATIONS" section.
[2] For outdoor installation, use adapter code 8112750 and flue terminal code 8112754.

SEPARATE DUCTS	Code
Splitter for air intake/exhaust ø 80	**8093052**
Aluminum extension ø 80 L.1000 (6 pieces)	**8077309**
Aluminum extension ø 80 L.500 (6 pieces)	**8077308**
Internal and external finishing ring kit for ø 80 pipe	**8091500**
Aluminum 90° elbow ø 80 MF (6 pieces)	**8077410**
Aluminum 45° elbow ø 80 MF (6 pieces)	**8077411**
Air intake terminal ø 80 in stainless steel	**8089500**
Flue gas terminal ø 80 in stainless steel	**8089501**
Roof terminal in aluminum L.1390 (not adjustable)	**8091201**
Adjustable roof tile compatible with roof terminal	**8091300**
Condensate recovery ø 80 L.135 (To be installed on the exhaust duct as close as possible to the heater)	**8092800**
Tee condensate recovery ø 80 (To be installed on the exhaust duct)	**8093300**

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE WATER HEATERS SECTION

MINI E

INSTANTANEOUS GAS WATER HEATERS FOR OUTDOOR INSTALLATION

IP X5
ELECTRICAL PROTECTION

OUTDOOR INSTALLATION

COMPACT DIMENSIONS

ANTIFREEZE PROTECTION

BIO METHANE 100%
GREEN FLAME

PRODUCT FEATURES

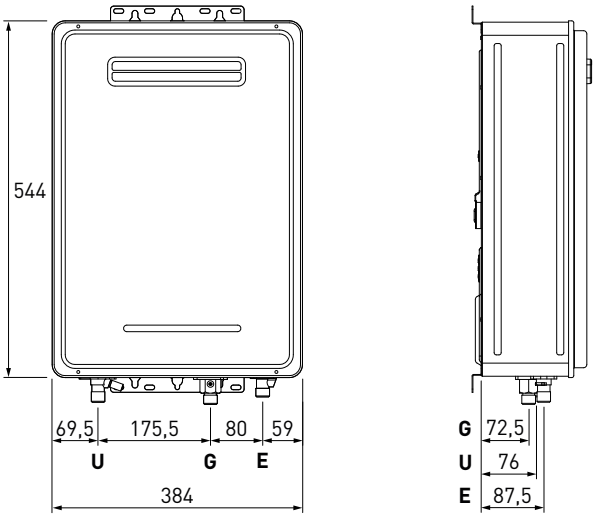
- Ideal for outdoors installation and no air/smoke outlet needed
- Compact dimensions
- Built-in anti-freeze protection device
- Remote control included as standard with multifunction LED display
- Compatible with solar thermal system integration

PRODUCTS

MODELS
Mini 11 E
Mini 11 E (LPG version)

MODELS
Mini 16 E
Mini 16 E (LPG version)

DIMENSIONS

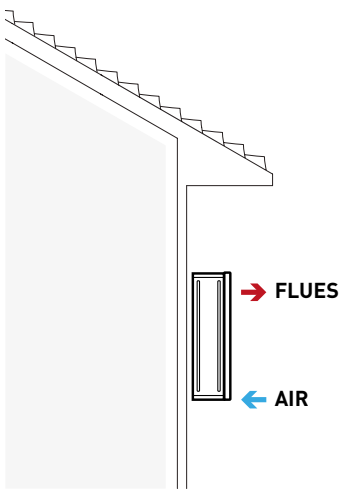


LEGEND		11	16
G	Gas supply	1/2"	1/2"
E	DHW inlet	1/2"	1/2"
U	DHW outlet	1/2"	1/2"

TECHNICAL FEATURES

Mini E		11	16
Nominal heat output	kW	19,8	29,6
Nominal heat input	kW	22	32
DHW flow rate Δt 25°C	l/min	11	16
DHW energy efficiency		A	A
DHW load profile		M	XL
Min working pressure	bar	0,2	0,2
Max working pressure	bar	10	10
Weight	kg	15,06	15,46

OUTDOOR VERSION



THIS MODEL CAN BE INSTALLED OUTDOORS WITHOUT THE NEED FOR A FLUE SYSTEM OR ADDITIONAL ACCESSORIES.

MINI OF VA

INSTANTANEOUS GAS WATER HEATER WITH OPEN CHAMBER

PRODUCT ADVANTAGES

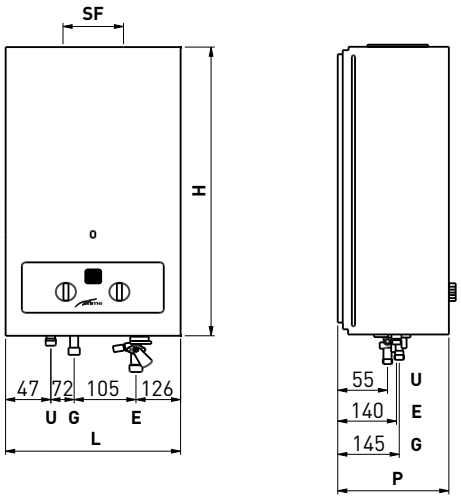
- Automatic ignition via battery (no electrical power supply required)
- Continuous flame modulation
- Interfaces with bright display

PRODUCTS

MODELS
Mini 11 OF VA
Mini 11 OF VA (LPG version)

MODELS
Mini 14 OF VA
Mini 14 OF VA (LPG version)

DIMENSIONS



LEGEND		11	14
G	Gas supply	1/2"	1/2"
E	DHW inlet	1/2"	1/2"
U	DHW outlet	1/2"	1/2"
SF	Flue gas outlet (mm)	110	130
L	(mm)	350	370
H	(mm)	636	696
P	(mm)	225	225

TECHNICAL FEATURES

Mini OF VA		**11**	**14**
Nominal heat output	kW	19,2	24,5
Nominal heat input	kW	22	28
Domestic hot water flow rate Δt 25°C	l/min	11	14
DHW energy efficiency		A	A
DHW load profile		M	XL
Minimum water pressure	bar	0,3	0,3
Maximum water pressure	bar	10	10
Weight	kg	12,5	13,9

LAGO

ELECTRIC WATER HEATERS
WITH DHW STORAGE TANK

IP X4D

ELECTRICAL PROTECTION

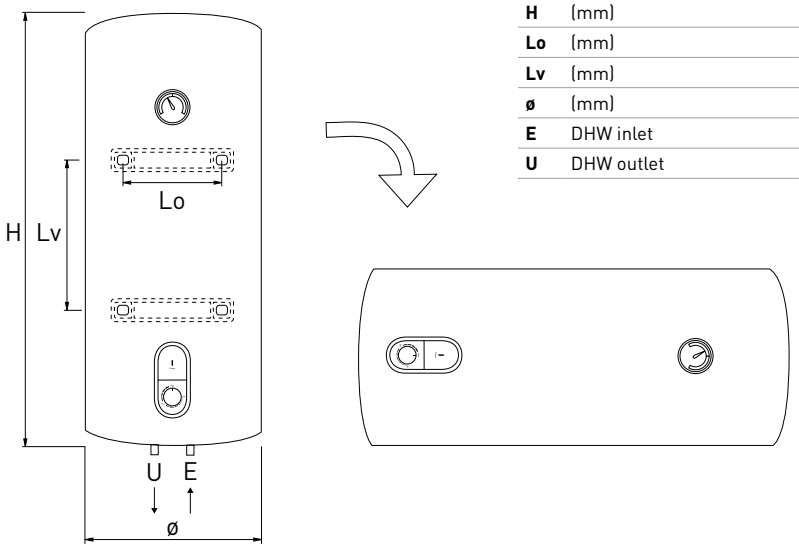
PRODUCT ADVANTAGES

- Enamel-coated steel storage tank
- Wall-mounted installation in both vertical and horizontal positions
- High-density polyurethane insulation
- Stainless steel heating elements, replaceable without draining the tank
- Adjustable thermostat
- Magnesium anode for corrosion protection
- Overheating protection
- 7.5 bar safety valve
- Two independent heating elements: 1200 W + 800 W

PRODUCT RANGE

MODELS
Lago 50
Lago 80
Lago 100
Lago 150

DIMENSIONS



LEGEND		50	80	100	150
H	(mm)	888	860	1020	1380
Lo	(mm)	185	210	210	210
Lv	(mm)	470	327	487	856
ø	(mm)	365	460	460	460
E	DHW inlet	1/2"	1/2"	1/2"	1/2"
U	DHW outlet	1/2"	1/2"	1/2"	1/2"

TECHNICAL FEATURES

Lago		**50**	**80**	**100**	**150**
Nominal power	W	2.000	2.000	2.000	2.000
Thermal efficiency	%	>90	>90	>90	>90
Capacity	l	50	80	100	150
Nominal current	A	8,7	8,7	8,7	8,7
DHW energy efficiency		C	C	C	C
DHW load profile		M	L	L	L
Operating pressure	bar	0,2-7,5	0,2-7,5	0,2-7,5	0,2-7,5
Temperature regulation range	°C	20-75	20-75	20-75	20-75
Heating time from 15°C to 75°C	min	105	168	210	315
Steel thickness	mm	1,8	1,8	1,8	1,8
Insulation thickness	mm	20	20	20	20
Weight (empty/full)	kg	22/72	29/109	34/134	48/198

ACCESSORIES

DESCRIPTION	**Code**
800W Heating element	**6329100**
1200W Heating element	**6329101**
Magnesium anode	**6329103**
Adjustable thermostat	**6329106**

NOTE: Accessories are intended for replacement as original spare parts.

DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE WATER HEATERS SECTION

LAGO XS

ELECTRIC WATER HEATERS
WITH DHW STORAGE TANK

IP X4D
ELECTRICAL PROTECTION

PRODUCT ADVANTAGES

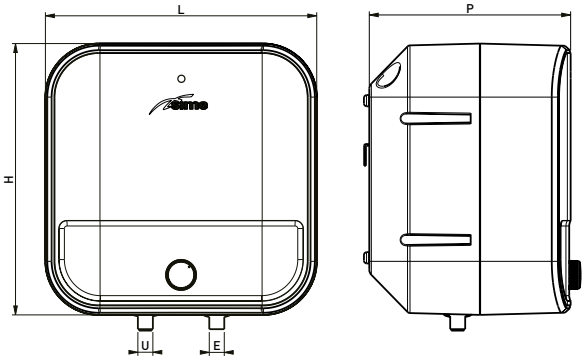
- Enameled steel tank
- Suspended installation in vertical position, above or under the sink
- High-density polyurethane insulation
- Adjustable thermostat
- Magnesium anode
- Overheating protection
- 8.0 bar safety valve
- 1500 W stainless steel heating element

PRODUCTS

MODELS
Lago XS 10
Lago XS 10 U (Under-sink version)
Lago XS 25

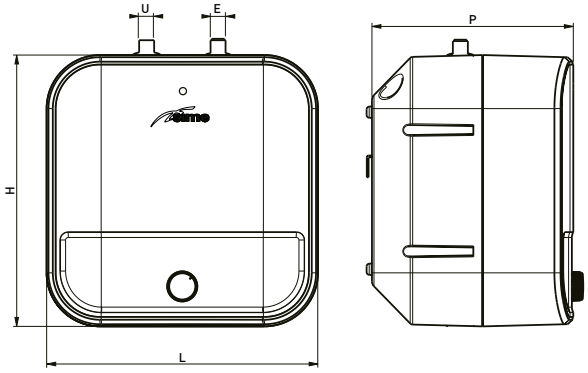
DIMENSIONS

Lago XS 10 - 25



LEGEND		10	10 U	25
H	(mm)	380	380	480
L	(mm)	380	380	480
P	(mm)	282	282	367

Lago XS 10 U



LEGEND		10	10 U	25
E	DHW inlet	1/2"	1/2"	1/2"
U	DHW outlet	1/2"	1/2"	1/2"

TECHNICAL FEATURES

Lago XS		**10**	**10 U**	**25**
Installation		Over-sink	Under-sink	Over-sink
Nominal power	W	1.500	1.500	1.500
Thermal efficiency	%	>90	>90	>90
Capacity	l	10	10	25
Nominal current	A	6,8	6,8	6,8
DHW energy efficiency		A	A	B
DHW load profile		XXS	XXS	S
Operating pressure	bar	0,2-8	0,2-8	0,2-8
Temperature adjustment range	°C	20-75	20-75	20-75
Heating time	min	28	28	70
Steel thickness	mm	1,8	1,8	1,8
Insulation thickness	mm	27,5	27,5	25
Sound power	dB(A)	15	15	15
Weight	kg	9	9	14,3

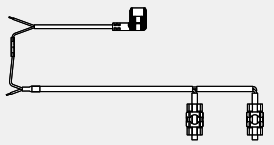
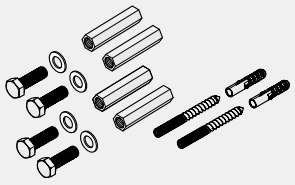
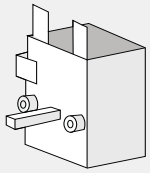
ACCESSORIES

DESCRIPTION	**Code**
Adjustment thermostat	**6332730**
1500W heating element	**6332736**
Magnesium anode	**6332738**

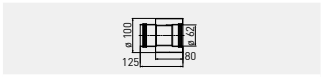
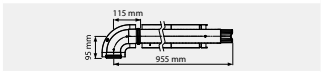
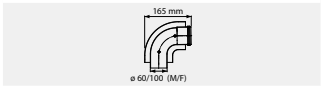
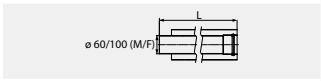
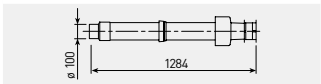
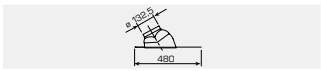
NOTE: Accessories intended for replacement as original spare parts.

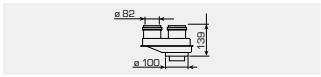
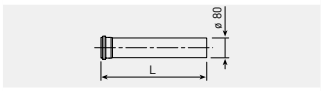
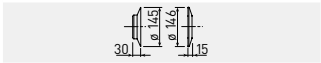
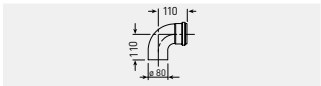
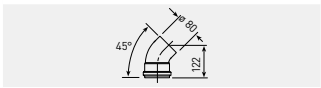
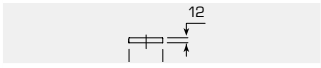
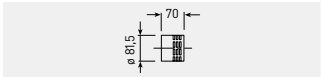
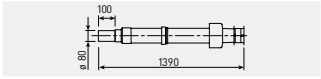
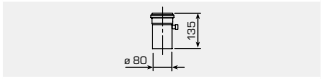
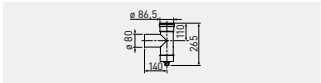
DETAILED ACCESSORIES DESCRIPTIONS ARE LISTED AT THE END OF THE WATER HEATERS SECTION

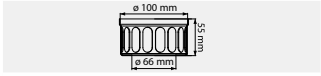
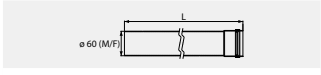
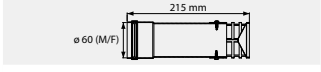
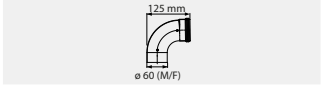
ACCESSORIES

DESCRIPTION	Code	
Anti-freeze resistance kit for fittings (-15°C) Protects the water heater fittings when the ambient temperature drops to -15°C. Supply includes: resistance band kit, thermostat mounting bracket, anti-freeze thermostat, resistance fixing clamps. **APPLICATION: Mini BF ErP**	**8089825**	
Wall spacer kit for Mini BF Ensures sufficient distance for properly connecting concentric pipes in the space between the water heater and the rear wall. Supply includes: spacer M8 L. 52 (4 pcs), flat washer 8.4x16 (4 pcs), hex head screw M8x16 (4 pcs), complete set of M8 wall plugs. **APPLICATION: Mini BF ErP**	**8081223**	
800W heating element Stainless steel heating element, power consumption: 3.5 A. **APPLICATION: Lago**	**6329100**	
1200W heating element Stainless steel heating element, power consumption: 5.2 A. **APPLICATION: Lago**	**6329101**	
Adjustment thermostat Capillary thermostat for temperature regulation at 75°C. **APPLICATION: Lago**	**6329106**	
Adjustment thermostat Capillary thermostat for temperature regulation at 75°C. **APPLICATION: Lago XS**	**6332730**	
Magnesium anode Magnesium anode, diameter: 22 mm, length: 170 mm. **APPLICATION: Lago**	**6329103**	
Magnesium anode Magnesium anode, diameter: 24 mm, length: 120 mm. **APPLICATION: Lago XS**	**6332738**	
1500W heating element Stainless steel heating element. **APPLICATION: Lago XS**	**6332736**	

FLUE DUCTS

CONCENTRIC DUCTS	Code	
Vertical connection ø 60/100	**8086912**	
Concentric intake/exhaust duct kit ø 60/100	**8099301**	
90° elbow ø 60/100	**8112756**	
Extension ø 60/100 L.500	**8112702**	
Extension ø 60/100 L.1000	**8112703**	
Roof outlet terminal in aluminum ø 60/100 L.1284 (not adjustable)	**8091200**	
Adjustable roof tile compatible with the roof outlet terminal	**8091300**	

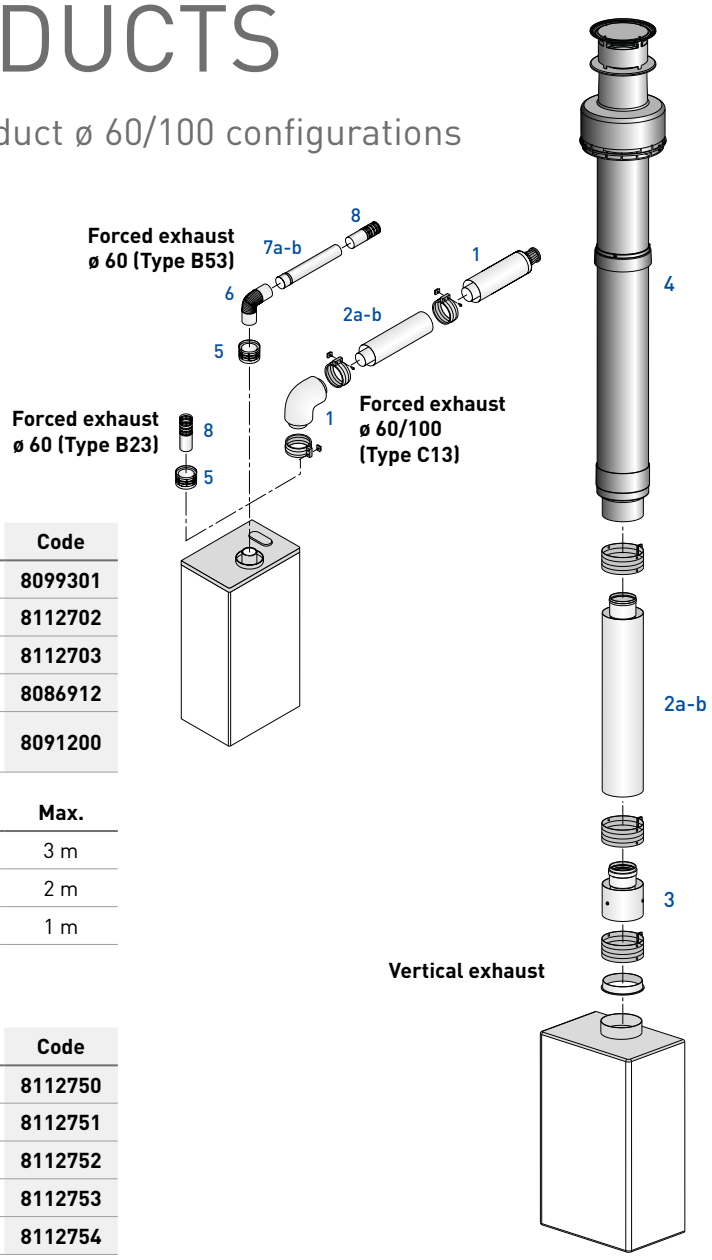
SEPARATE DUCTS (TYPE C)	Code	
Intake/exhaust splitter ø 80	**8093052**	
Aluminum extension ø 80 L.1000 (6 pieces)	**8077309**	
Aluminum extension ø 80 L.500 (6 pieces)	**8077308**	
Internal/external fixing rings kit for ø 80 pipe	**8091500**	
Aluminum 90° MF elbow ø 80 (6 pieces)	**8077410**	
Aluminum 45° MF elbow ø 80 (6 pieces)	**8077411**	
Intake terminal ø 80 in stainless steel	**8089500**	
Exhaust terminal ø 80 in stainless steel	**8089501**	
Roof outlet terminal in aluminum L.1390 (not adjustable)	**8091201**	
Adjustable roof tile compatible with the roof outlet terminal	**8091300**	
Condensate drain ø 80 L.135 (To be installed on the flue exhaust duct as close as possible to the boiler)	**8092800**	
Condensate drain tee ø 80 (To be installed on the flue exhaust duct)	**8093300**	

FORCED EXHAUST DUCTS (TYPE B)	Code	
Forced exhaust adapter (Type B)	**8112750**	
Extension ø 60 L.500	**8112752**	
Extension ø 60 L.1000	**8112753**	
Flue exhaust terminal ø 60 L.200	**8112754**	
90° elbow ø 60	**8112751**	

FLUE SYSTEM CONFIGURATIONS

CONCENTRIC DUCTS

GAS WATER HEATERS - Concentric duct ø 60/100 configurations



CONCENTRIC DUCTS (TYPE C)

Pos.	Description	Code
1	Concentric intake/exhaust duct kit ø 60/100	**8099301**
2a	Extension ø 60/100 L.500	**8112702**
2b	Extension ø 60/100 L.1000	**8112703**
3	Vertical connection ø 60/100	**8086912**
4	Roof outlet terminal in aluminum ø 60/100 L.1284 (not adjustable)	**8091200**

Length of concentric ducts	Min.	Max.
1 bend	0,5 m	3 m
2 bends	0,5 m	2 m
3 bends	0,5 m	1 m

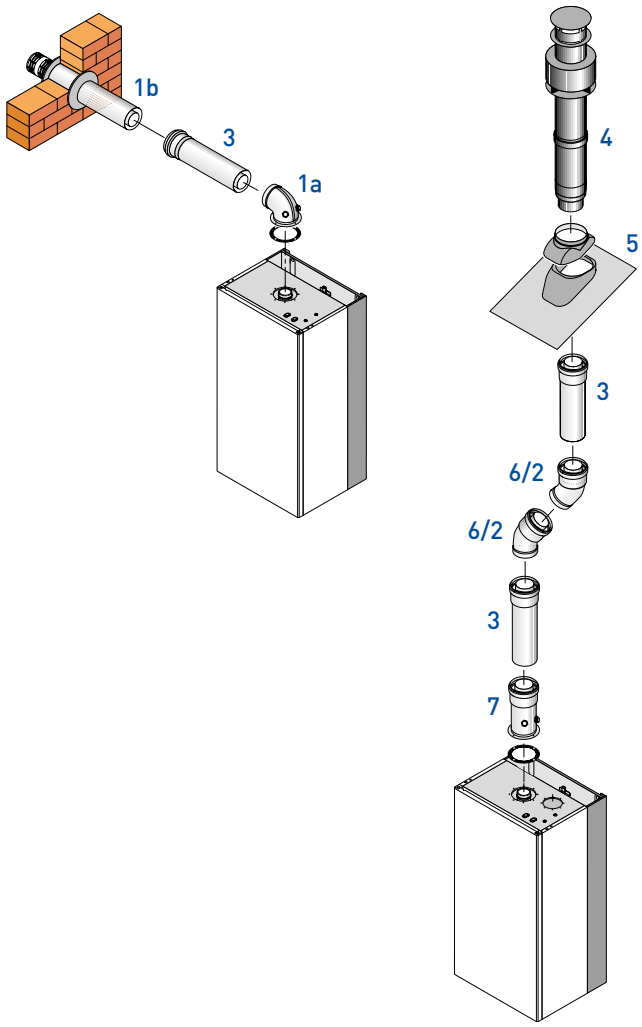
FORCED EXHAUST DUCTS (TYPE B)

Pos.	Description	Code
5	Forced exhaust adapter	**8112750**
6	90° bend ø 60	**8112751**
7a	Extension ø 60 L.500	**8112752**
7b	Extension ø 60 L.1000	**8112753**
8	Flue exhaust terminal ø 60	**8112754**

WALL-HUNG BOILERS and ATLANTIS HM ErP
Concentric duct ø 60/100 configurations

REAR/SIDE EXHAUST

The insertion of each additional 90° bend (2) reduces the available length by 1.5 meters (1 meter for UNIQA REVOLUTION).
The installation of each additional 45° bend (6) reduces the available length by 1 meter (0.5 meters for UNIQA REVOLUTION).



VERTICAL EXHAUST

For UNIQA REVOLUTION models with vertical ducts longer than 1.3 meters, it is MANDATORY to install the vertical condensate drain L.200 (code 8092803).

Pos.	Description	Code
1a-b	Concentric duct kit L.815 with test points	8096250
	Concentric duct kit[1]	8084813
2	Additional 90° bend	8095850
	Additional 90° bend[1]	8095801
3	Extension L.1000	8096150
	Extension L.1000[1]	8096103
	Extension L.500	8096151
	Extension L.500[1]	8096102
4	Concentric roof outlet terminal L.1285	8091205
	Concentric roof outlet terminal L.1285[1]	8091200
5	Bent roof tile adapter	8091300
6	Additional 45° bend	8095950
	Additional 45° bend[1]	8095900
7	Vertical extension L.140 with test points	8086950
	Vertical extension L.200 with test points[1]	8086908

[1] For Uniqa Revolution model

Maximum flue duct length	Rear/side exhaust (m)	Vertical exhaust (m)
Murelle HM Plus 25-25 T	4,5	6
Murelle HM Plus 30	5	7
Murelle HM Plus 35-35 T	4	6
Edea HM 25-25 T	6	8
Edea HM 30	6	8
Edea HM 35-35 T	6	8
Edea HM 40	10	12
Vera EV HE 25	6	8
Vera EV HE 30	6	7
Edea HM 25/55	6	8
Edea HM 35/55	6	8
Murelle HE 25/55 ErP	6	8
Murelle HE 30/55 ErP	5	7

Maximum flue duct length	Rear/side exhaust (m)	Vertical exhaust (m)
Open Solar HE 25 ErP	6	8
Open Solar HE 30 ErP	5	7
Uniqa Revolution	2,5	5
Atlantis HM 30 T	5	7
Atlantis HM 30/50 ErP	5	7
Atlantis HM 30/110 ErP	5	7
Atlantis HM 30/300 ErP	5	7

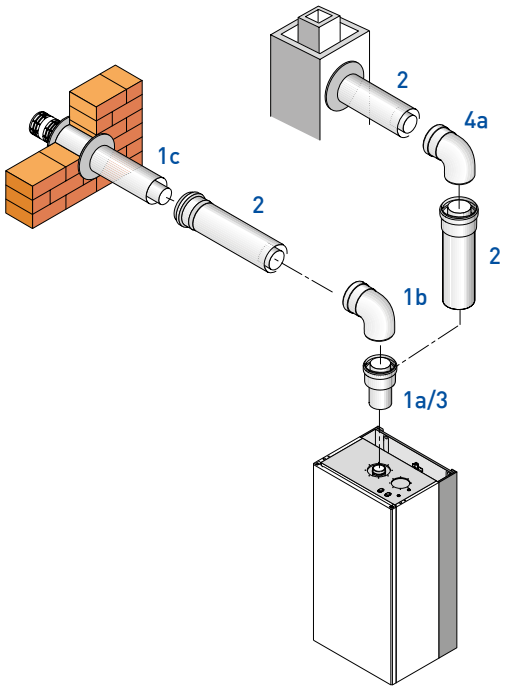
WALL-HUNG BOILERS and ATLANTIS HM ErP
Concentric duct ø 80/125 configurations

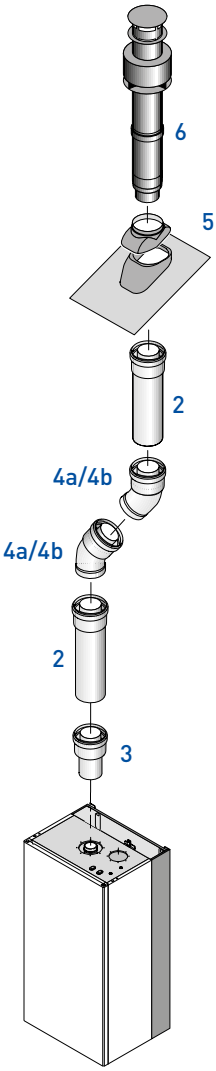
REAR/SIDE EXHAUST

The insertion of each additional 90° bend (4a) reduces the available length by 2 meters.
The installation of each additional 45° bend (4b) reduces the available length by 1 meter.

VERTICAL EXHAUST

The insertion of each additional 90° bend (4a) reduces the available length by 2 meters.
The installation of each additional 45° bend (4b) reduces the available length by 1 meter.





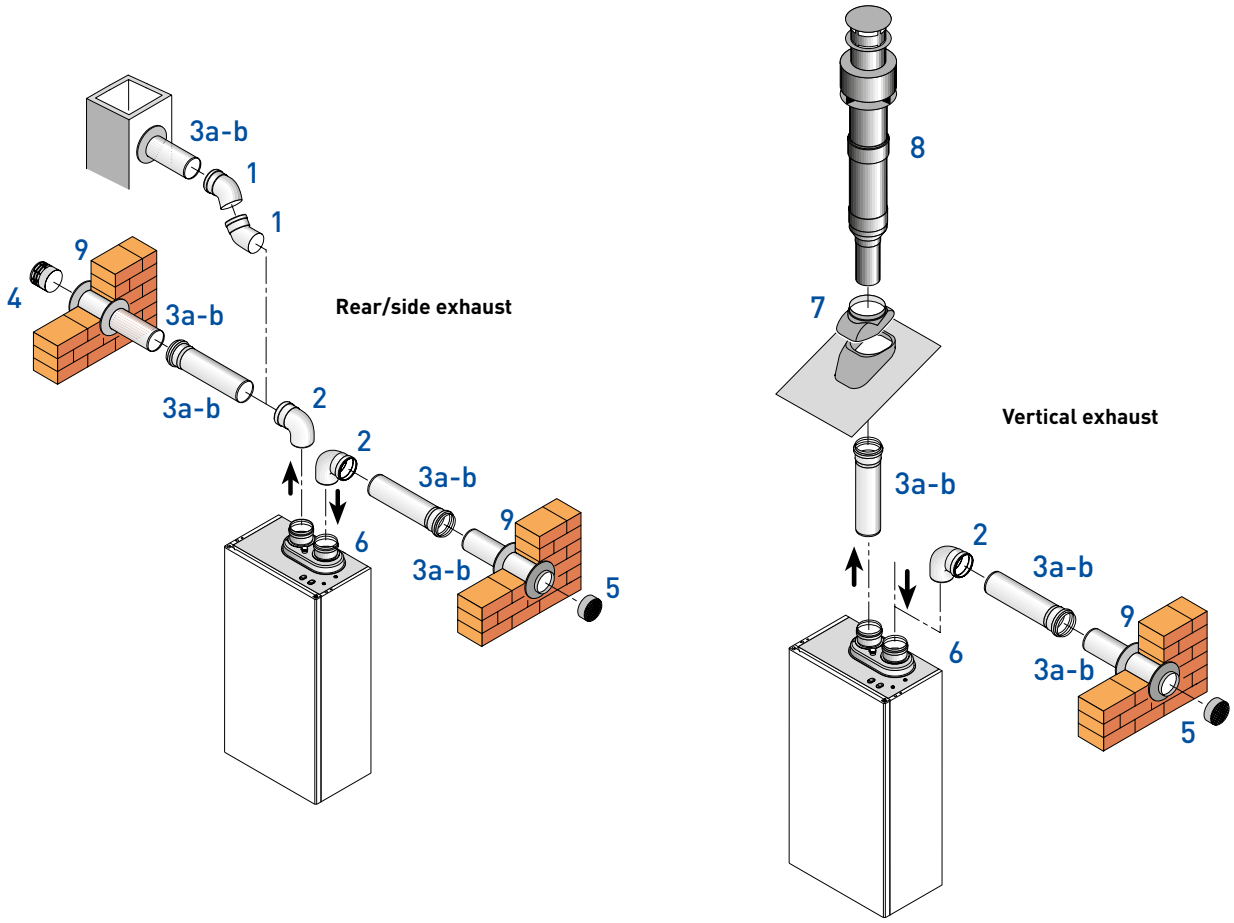
Pos.	Description	Code
1a-b-c	Concentric duct kit	**8096253**
2	Extension L.1000	**8096171**
	Extension L.500	**8096170**
3	Adapter ø 80/125	**8093150**
4a	Additional 90° bend	**8095870**
4b	Additional 45° bend	**8095970**
5	Bent roof tile adapter	**8091300**
6	Roof outlet terminal L.1284	**8091205**

Maximum flue duct length	Rear/side exhaust (m)	Vertical exhaust (m)
Murelle HM Plus 25-25 T	8	10
Murelle HM Plus 30	10	13
Murelle HM Plus 35-35 T	8	11
Edea HM 25-25 T	12	15
Edea HM 30	12	15
Edea HM 35-35 T	12	15
Edea HM 40	18	20
Vera EV HE 25	12	15
Vera EV HE 30	10	13
Edea HM 25/55	12	15
Edea HM 35/55	12	15

Maximum flue duct length	Rear/side exhaust (m)	Vertical exhaust (m)
Murelle HE 25/55 ErP	12	15
Murelle HE 30/55 ErP	10	13
Atlantis HM 30 T	10	13
Atlantis HM 30/50 ErP	10	13
Atlantis HM 30/110 ErP	10	13
Atlantis HM 30/300 ErP	10	13

SEPARATE DUCTS

GAS WATER HEATERS - Separate duct ø 80 configurations

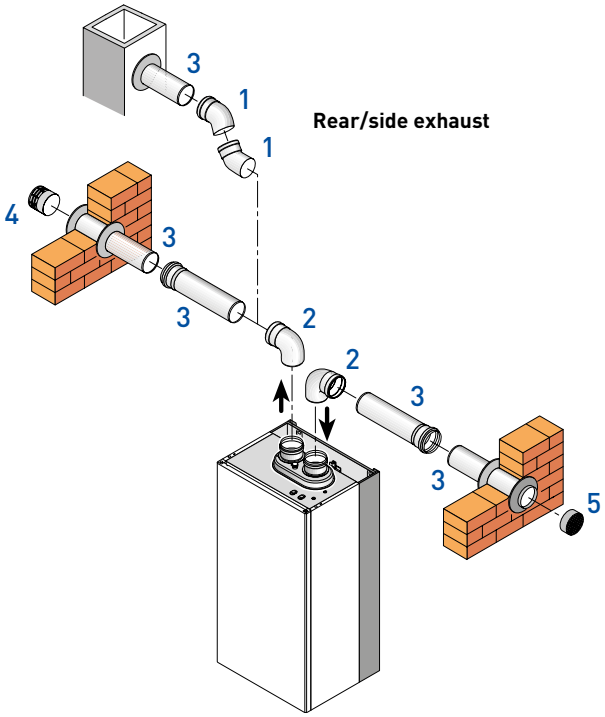


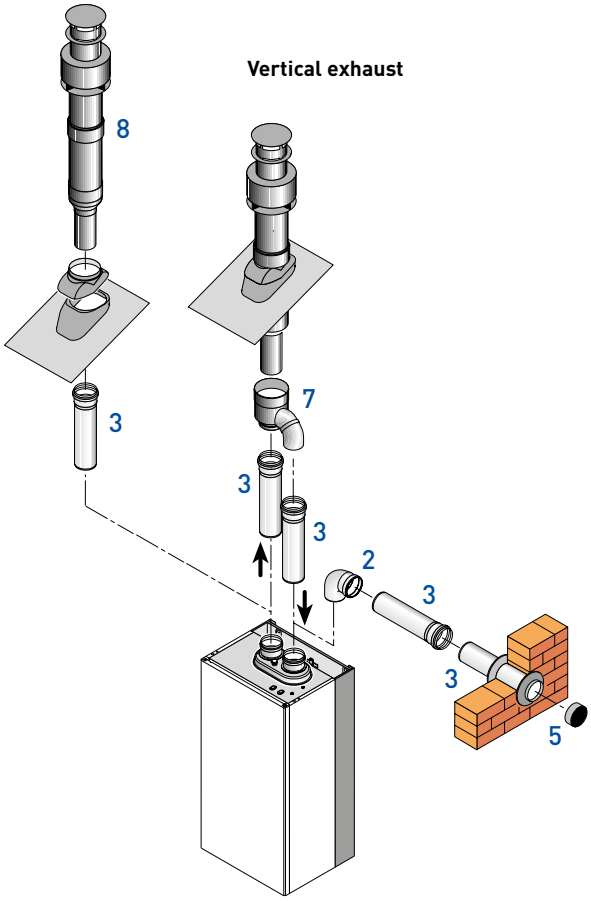
SEPARATE DUCTS

Pos.	Description	Code
1	Aluminum 45° bend ø 80 MF	8077411
2	Aluminum 90° bend ø 80 MF	8077410
3a	Aluminum extension ø 80 L.500	8077308
3b	Aluminum extension ø 80 L.1000	8077309
4	Stainless steel ø 80 exhaust terminal	8089501
5	Stainless steel ø 80 intake terminal	8089500
6	Air intake/exhaust splitter ø 80	8093052
7	Bent roof tile adapter compatible with roof outlet terminal	8091300
8	Aluminum roof outlet terminal L.1390 (not adjustable)	8091201
9	Internal/external collar kit for ø 80 duct	8091500

Separate duct length	Min.	Max.
2 bends - 1 intake + 1 exhaust terminals	0,5 m	3 m
4 bends - 2 intake + 2 exhaust terminals	0,5 m	2 m
6 bends - 3 intake + 3 exhaust terminals	0,5 m	1 m

WALL-HUNG BOILERS AND ATLANTIS HM ErP
Configurations for separate ducts ø 60 and ø 80





WARNING: In these configurations, only accessories with a pressure drop (Δp) determined through laboratory tests and listed in the tables on the following two pages are indicated. The total pressure drop of the accessories used in the installation determines the maximum allowable length of the ducts, which must not exceed the total Δp of the boiler.

Murelle HM PLUS boilers use the separate polypropylene duct kit (code 8089912/13) with exhaust connection only.

EDEA HM/VERA EV HE boilers use the air/flue gas separator for ø 80 ducts (code 8093050) and ø 60 ducts (code 8093060) with exhaust connection only.

ATLANTIS HM ErP boilers use the air/flue gas separator for ø 80 ducts (code 8093051) and ø 60 ducts (code 8093060) with exhaust connection only.

UNIQA REVOLUTION boilers use the separate duct ø 80 kit (code 8089960).

PRESSURE DROP FLUE SYSTEM ø 80

Δp total for boiler model	Maximum length for intake + exhaust	Pos.	Description	Air intake Δp mm H_2O	Exhaust Δp mm H_2O	Code
Δp totale 15,0 mm H_2O		**1**	45° MF polypropylene elbow	0,15	0,15	**8077451**
Murelle HE 25/55 ErP	25 + 25 m	**2**	90° MF polypropylene elbow	0,20	0,25	**8077450**
Vera EV HE 25	25 + 25 m	**4**	Exhaust terminal	–	0,25	**8089501**
Murelle HM Plus 25	25 + 25 m	**5**	Intake terminal	0,10	–	**8089500**
		8	Roof outlet terminal L.1381[1]	0,80	0,10	**8091204**
Δp totale 15,0 mm H_2O		**1**	45° MF polypropylene elbow	0,20	0,20	**8077451**
Murelle HE 30/55 ErP	25 + 25 m	**2**	90° MF polypropylene elbow	0,25	0,30	**8077450**
Atlantis HM 30 T	25 + 25 m	**3**	Polypropylene extension L.1000 (horiz,/vert.)	0,20/0,20	0,20/0,20	**8077351**
Atlantis HM 30/50 - 30/110 ErP	25 + 25 m	**4**	Exhaust terminal	–	0,35	**8089501**
Vera EV HE 30 - Murelle HM Plus 30	25 + 25 m	**8**	Roof outlet terminal L.1381[1]	1,10	0,15	**8091204**
Δp totale 15,0 mm H_2O		**1**	45° MF polypropylene elbow	0,25	0,25	**8077451**
Murelle HM Plus 35	25 + 25 m	**2**	90° MF polypropylene elbow	0,30	0,40	**8077450**
		3	Polypropylene extension L.1000 (horiz,/vert.)	0,25/0,25	0,25/0,15	**8077351**
		4	Exhaust terminal	–	0,50	**8089501**
		5	Intake terminal	0,15	–	**8089500**
		8	Roof outlet terminal L.1381[1]	1,50	0,20	**8091204**
Δp totale 21,5 mm H_2O		**1**	45° MF aluminum elbow	2,00	2,00	**8077411**
Uniqa Revolution	10 + 10 m	**2**	90° MF aluminum elbow	2,30	2,50	**8077410**
		3	Aluminum extension L.1000 (horiz./vert.)	1,00/1,30	1,00/1,30	**8077309**
		4	Exhaust terminal	-	3,60	**8089501**
		5	Intake terminal	1,10	-	**8089500**
		8	Roof outlet terminal L.1381[1]	1,15	1,00	**8091201**
Δp totale 16,5 mm H_2O		**1**	45° MF polypropylene elbow	0,15	0,15	**8077451**
Edea HM 25 - 25 T	25 + 25 m	**2**	90° MF polypropylene elbow	0,20	0,25	**8077450**
Edea HM 25/55	25 + 25 m	**3**	Polypropylene extension L.1000 (horiz,/vert.)	0,15/0,15	0,15/0,15	**8077351**
		4	Exhaust terminal	–	0,25	**8089501**
		5	Intake terminal	0,10	–	**8089500**
		8	Roof outlet terminal L.1381[1]	0,80	0,10	**8091204**
Δp totale 16,5 mm H_2O		**1**	45° MF polypropylene elbow	0,20	0,20	**8077451**
Edea HM 30	25 + 25 m	**2**	90° MF polypropylene elbow	0,25	0,30	**8077450**
		3	Polypropylene extension L.1000 (horiz,/vert.)	0,20/0,20	0,20/0,20	**8077351**
		4	Exhaust terminal	–	0,35	**8089501**
		5	Intake terminal	0,10	–	**8089500**
		8	Roof outlet terminal L.1381[1]	1,10	0,15	**8091204**
Δp totale 21,0 mm H_2O		**1**	45° MF polypropylene elbow	0,25	0,25	**8077451**
Edea HM 35 - 35 T	25 + 25 m	**2**	90° MF polypropylene elbow	0,30	0,40	**8077450**
Edea HM 35/55	25 + 25 m	**3**	Polypropylene extension L.1000 (horiz,/vert.)	0,25/0,25	0,25/0,25	**8077351**
Δp totale 30,0 mm H_2O		**4**	Exhaust terminal	–	0,50	**8089501**
Edea HM 40	25 + 25 m	**5**	Intake terminal	0,15	–	**8089500**
		8	Roof outlet terminal L.1381[1]	1,50	0,20	**8091204**

[1] The pressure losses of the roof outlet terminal in intake mode include the collector code 8091400.

CALCULATION EXAMPLE

Example of an allowed installation calculation for an EDEA HM 25, as the sum of the pressure losses of the individual ø 80 accessories used is lower than 16.5 mm H_2O:

	Intake	Exhaust	
7 meters of horizontal polypropylene duct ø 80 x 0,15 mm H_2O	1,05	-	
7 meters of horizontal polypropylene duct ø 80 x 0,15 mm H_2O	-	1,05	
n. 2 polypropylene 90° bends ø 80 x 0,20 mm H_2O	0,40	-	
n. 2 polypropylene 90° bends ø 80 x 0,25 mm H_2O	-	0,50	
n. 1 ø 80 terminal	0,10	0,25	
Total pressure loss	**1,55**	**1,80**	**= 3,35 mm H_2O**

WARNING: The total maximum length, obtained by summing the lengths of the intake and exhaust ducts, is determined by the Δp of the individual accessories used and must not exceed the total Δp of the boiler. Even if the total pressure loss is lower than the maximum applicable limit, the total length for each individual duct must still comply with the guidelines specified in the installation manual.

PRESSURE LOSSES FLUE SYSTEM ø 60

Total Δp for boiler model	Maximum intake + exhaust length	Pos.	Description	Intake Δp mm H_2O	Exhaust Δp mm H_2O	Code
Δp totale 15,0 mm H_2O		-	Separate duct kit	2,50	0,50	**8089913**
Murelle HE 25/55 ErP	25 + 25 m	-	Air-flue splitter	2,50	0,50	**8093060**
Vera EV HE 25	15 + 15 m	**2**	90° MF aluminum elbow	0,40	0,90	**8089924**
Murelle HM Plus 25	25 + 25 m	**3**	Aluminum extension L.1000 (horiz./vert.)	0,40/0,40	0,90/0,60	**8089920**
		4	Exhaust terminal	–	1,20	**8089541**
		5	Intake terminal	0,50	–	**8089540**
		8	Roof outlet terminal L.1381[1]	0,80	0,10	**8091204**
Δp totale 15,0 mm H_2O		-	Separate duct kit	2,50	0,50	**8089913**
Murelle HE 30/55 ErP	25 + 25 m	-	Air-flue splitter	2,50	0,50	**8093060**
Atlantis HM 30 T	25 + 25 m	**1**	45° MF aluminum elbow	0,45	0,9	**8089922**
Atlantis HM 30/50 - 30/110 ErP	25 + 25 m	**2**	90° MF aluminum elbow	0,50	1,10	**8089924**
Vera EV HE 30	15 + 15 m	**4**	Exhaust terminal	–	1,40	**8089541**
Murelle HM Plus 30	25 + 25 m	**5**	Intake terminal	0,80	–	**8089540**
		8	Roof outlet terminal L.1381[1]	1,10	0,15	**8091204**
Δp totale 15,0 mm H_2O		-	Separate duct kit	2,50	0,50	**8089913**
Murelle HM Plus 35	25 + 25 m	-	Air-flue splitter	2,50	0,50	**8093060**
		1	45° MF aluminum elbow	0,55	1,20	**8089922**
		2	90° MF aluminum elbow	0,60	1,40	**8089924**
		3	Aluminum extension L.1000 (horiz./vert.)	0,60/0,60	1,40/0,80	**8089920**
		4	Exhaust terminal	–	1,60	**8089541**
		5	Intake terminal	1,10	–	**8089540**
		8	Roof outlet terminal L.1381[1]	1,50	0,20	**8091204**
Δp totale 16,5 mm H_2O		-	Air-flue splitter	2,50	0,50	**8093060**
Edea HM 25 - 25 T	18 + 18 m	**1**	45° MF aluminum elbow	0,35	0,70	**8089922**
Edea HM 25/55	18 + 18 m	**2**	90° MF aluminum elbow	0,40	0,90	**8089924**
		3	Aluminum extension L.1000 (horiz./vert.)	0,40/0,40	0,90/0,60	**8089920**
		4	Exhaust terminal	–	1,20	**8089541**
		5	Intake terminal	0,50	–	**8089540**
		8	Roof outlet terminal L.1381[1]	0,80	0,10	**8091204**
Δp totale 16,5 mm H_2O		-	Air-flue splitter	2,50	0,50	**8093060**
Edea HM 30	16 + 16 m	**1**	45° MF aluminum elbow	0,45	0,90	**8089922**
		2	90° MF aluminum elbow	0,50	1,10	**8089924**
		3	Aluminum extension L.1000 (horiz./vert.)	0,40/0,40	0,50/0,70	**8089920**
		4	Exhaust terminal	–	1,40	**8089541**
		5	Intake terminal	0,80	–	**8089540**
		8	Roof outlet terminal L.1381[1]	1,10	0,15	**8091204**
Δp totale 21,0 mm H_2O		-	Air-flue splitter	2,50	0,50	**8093060**
Edea HM 35 - 35 T	14 + 14 m	**1**	45° MF aluminum elbow	0,55	1,20	**8089922**
Edea HM 35/55	14 + 14 m	**2**	90° MF aluminum elbow	0,60	1,40	**8089924**
Δp totale 30,0 mm H_2O		**3**	Aluminum extension L.1000 (horiz./vert.)	0,60/0,60	1,40/8,80	**8089920**
Edea HM 40	16 + 16 m	**4**	Exhaust terminal	–	1,60	**8089541**
		5	Intake terminal	1,10	–	**8089540**
		8	Roof outlet terminal L.1381[1]	1,50	0,20	**8091204**

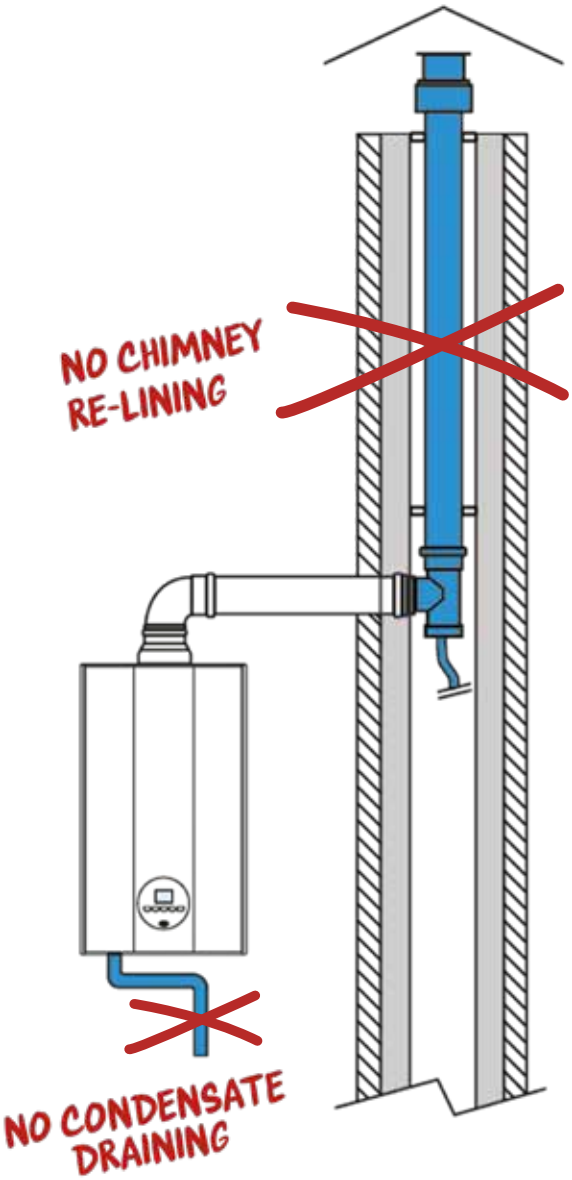
[1] The pressure losses of the roof outlet terminal in intake mode include the collector code 8091400.

WARNING: The total maximum length, obtained by summing the sections of the intake and exhaust ducts, is determined by the Δp of the individual accessories used in the installation and must not exceed the total Δp of the boiler. Even if the total pressure loss is lower than the maximum allowed, the total development of each individual duct must still comply with the indications in the installation manual.

PROBLEMS REPLACING AN OLD SEALED CHAMBER?

sime
VALUING YOUR CLIMATE

UNIQA REVOLUTION, THE SEALED SOLUTION WITHOUT CONDENSATION
IDEAL FOR THE REPLACEMENT
OF TRADITIONAL BOILERS



UNIQA
REVOLUTION

www.sime.it/en

sime

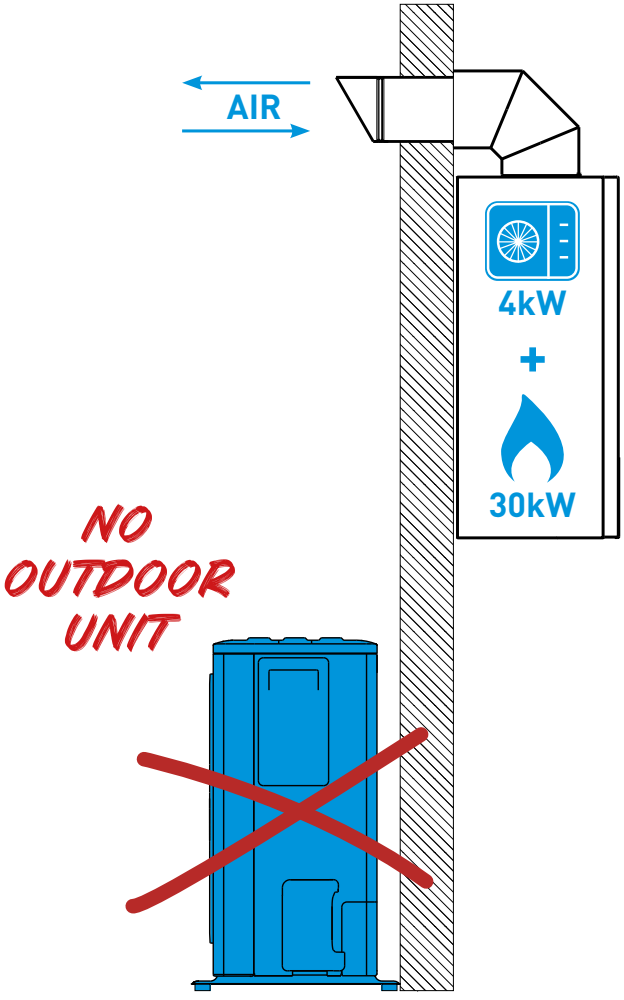
VALUING YOUR CLIMATE

NO SPACE FOR HEAT PUMP?

HYBRID REVOLUTION

HYBRID REVOLUTION, NO OUTDOOR UNIT NEEDED

IDEAL FOR GAS BOILER REPLACEMENT
ON EXISTING RADIATOR SYSTEMS



WARNING: SELECTIVE DISTRIBUTION
The entire range of SIME brand products is distributed in accordance with the principles of selective distribution. As such, the recipient of the products is expressly prohibited from reselling them to third-party distributors who utilize online commerce platforms. To protect the brand, the manufacturer restricts sales to authorized commercial channels only. Any exceptions must be authorized by the Sales Department. Any violation of this restriction will be pursued.

FONDERIE SIME S.p.A., located at Via Garbo 27 - Legnago (VR), declares that its boilers comply with the essential requirements of the following Directives:
- Efficiency Requirements Directive 92/42/CEE
- Gas Appliances Regulation GAS 2016/426/CE
- Electromagnetic Compatibility Directive 2014/30/UE
- Low Voltage Directive 2014/35/UE
- Ecodesign Requirements Directive 2009/125/CE
- Ecodesign Regulation (EU) N. 813/2013 - 811/2013
- Energy Labelling Regulation 2017/1369

Fonderie SIME S.p.A. reserves the right to change its products at any time and without prior notice, with the intention of improving them without compromising their essential characteristics. Therefore, this brochure cannot be considered as a contract with third parties.

cod. 3902912 - 03/2025 [B]

Fonderie Sime S.p.A.
Via Garbo, 27 - 37045 Legnago (VR) Italy
Tel. + 39 0442 631111 - Fax + 39 0442 631291
www.sime.it - info@sime.it