



PATENT
PENDING



HYBRID WALL

THE DISAPPEARING PUFFER FOR HYBRID SYSTEMS

THE PUFFER FOR HYBRID SYSTEMS THAT DISAPPEARS BEHIND THE BOILER

Hybrid Wall allows you to combine heat pumps and condensing boilers from SIME's wide range of models, in order to create "Factory Made" hybrids. Just 9 centimetres deep, it is both a hydraulic

equalisation device and an inertial storage device for the heat pump, guaranteeing the latter optimal operation in all system conditions.



IDEAL FOR RADIATOR SYSTEMS
And radiant systems



HYDRAULIC EQUALISATION AND INERTIAL STORAGE
For the heat pump



EASY TO INSTALL
Only 9 cm deep behind the boiler

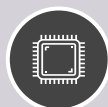


SIMULTANEOUS OPERATION AND OPTIMISATION OF GENERATORS
With MEM® logic



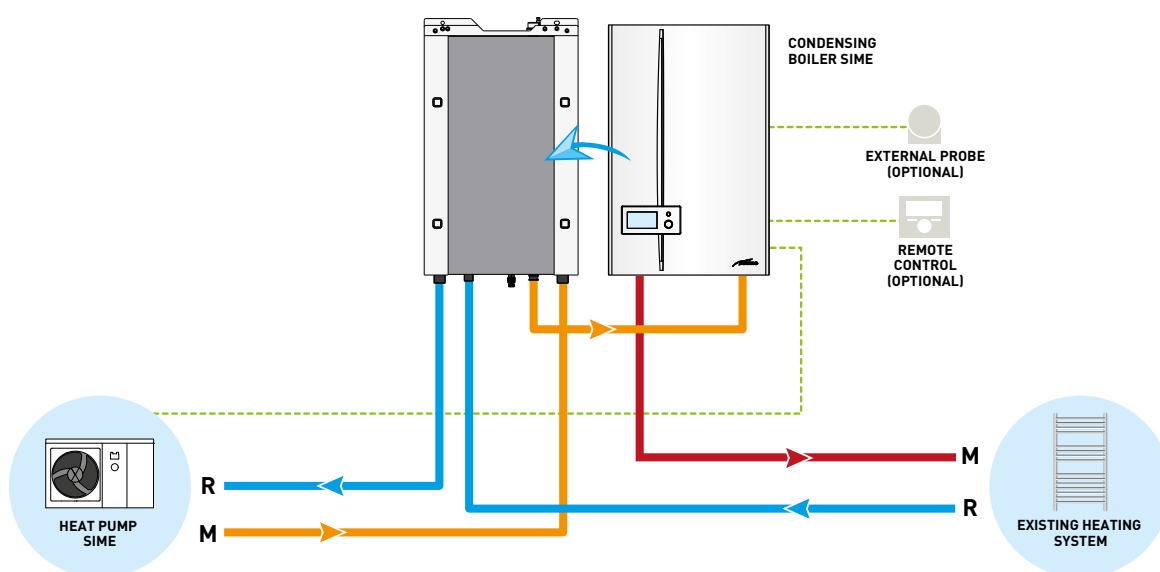
WI-FI CONNECTION AND MANAGEMENT VIA APP

Thanks to the connectivity of Murelle HT or to Sime Smart / Sime Smart Plus, they can be combined with all other boilers



ELECTRONIC SYSTEM MANAGEMENT
Included in the boiler

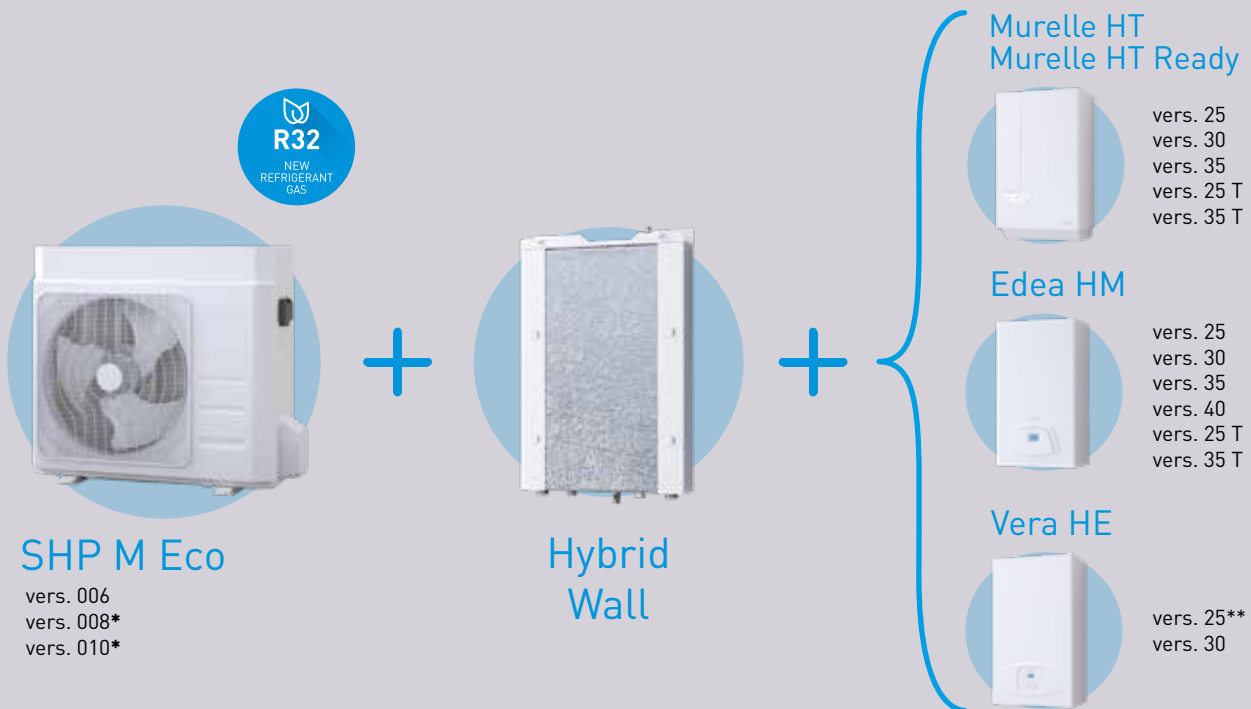
OPERATING PRINCIPLE FOR HEATING



Thanks to Hybrid Wall's specific hydraulic configuration, the heat pump always operates on the return flow from the system, thus maintaining high efficiency even in radiator systems. The temperature control electronics of the entire

system, including those in the boiler, automatically activate the burner for integration or complete replacement, based on the external temperature and convenience.

HOW TO CREATE THE SIME "FACTORY MADE" HYBRID HEATING SYSTEM



* To ensure the optimal operation of these heat pump models, in addition to HYBRID WALL, it is necessary to have a minimum water content of 10 litres circulating in the system.

** Excluding the combination Vera HE 25 + SHP M Eco 010, which does not meet the power ratio required to be considered a hybrid generator.

MAXIMUM COMFORT AND SAVING BY COMBINING A REMOTE CONTROL

Sime Home Plus



- Weekly chrono-thermostat with room temperature sensor
- Display of operation of boiler and solar heating system (if present)
- Continuous modulation of system delivery temperature (class V reg.)
- Boiler anomaly warnings

Sime Smart - Sime Smart Plus



- Wi-Fi connection for remote control via the free Sime Connect App
- Weekly chrono-thermostat function programmable via App or colour display (Plus version)
- Continuous modulation of system delivery temperature (class V reg.)
- Boiler anomaly warnings

NOTE: not compatible with Murelle HT and HT Ready as these boilers feature direct Wi-Fi connectivity.

TECHNICAL FEATURES HYBRID WALL

Hybrid Wall		
Storage volume	lt	15
Insulation thickness	mm	10
Empty/full weight	kg	20/35

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

cod. 3952136 - 11.2021

DIMENSIONS SHP M ECO

SHP M Eco 006/008

SHP M Eco 010

DIMENSIONS CONDENSING BOILERS

Murelle HT / HT Ready

Edea HM

Vera HE