

**Air/Water heat pumps  
A+++ and very quiet**

**OptiPac MR32**

Monobloc Air/Water heat pump R32

Outputs:

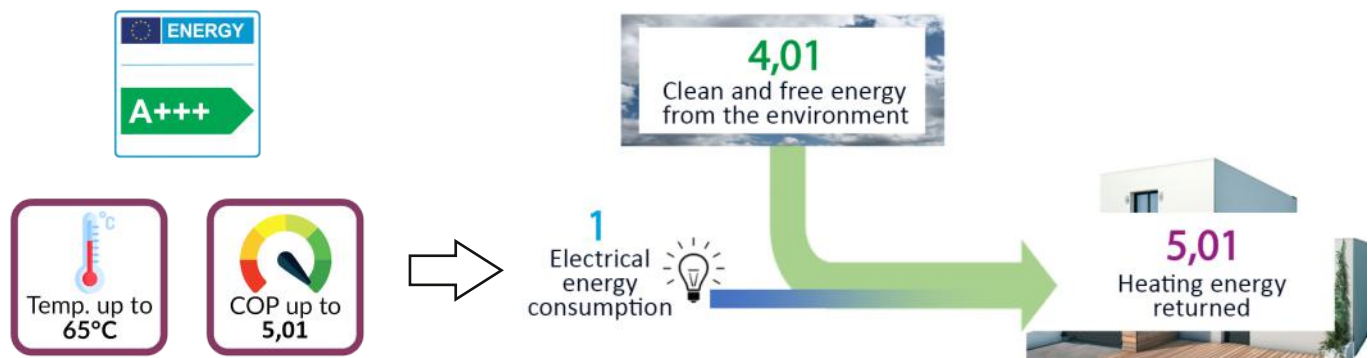
- Single-phase: from 4 to 16 kW
- Three-phase: 12 to 16 kW
- Cascade: up to 128 kW

3 services:

- Heating
- Cooling
- Domestic hot water (DHW)



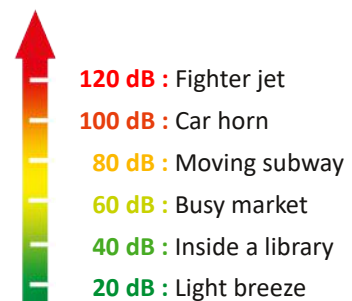
**A highly efficient range**



**Very quiet (sound pressure at 5m of 31dB)**

Our heat pumps are designed with your acoustic comfort in mind.

Choose a PERGE heat pump that will satisfy both your sound and thermal comfort needs.



## 3 services : heating, cooling and domestic hot water (DHW)

OptiPac MR32 heat pumps can be used for heating, cooling, and domestic hot water production applications. They can be combined with various types of emitters, such as fan coil units, radiators, or underfloor heating systems.



Heating



Cooling



DHW

## Simplified installation thanks to the hydraulic connection

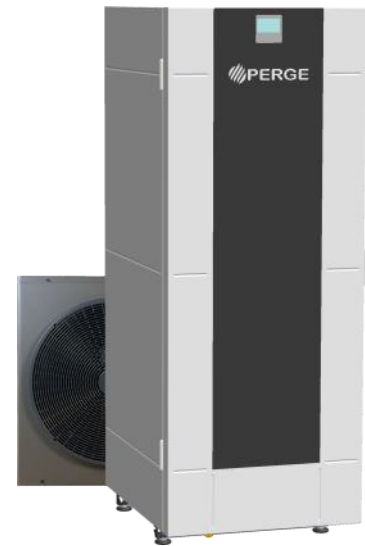
OptiPac MR32 heat pumps can be installed in the following 3 configurations:



*Heat pump alone without an indoor module*



*Heat pump with an indoor module*



*Heat pump with an indoor module + DHW*

### OptiPac MR32 without indoor module:

- The most economical solution.
- Possible as long as the flow rate in the installation is always above 600 liters per hour.

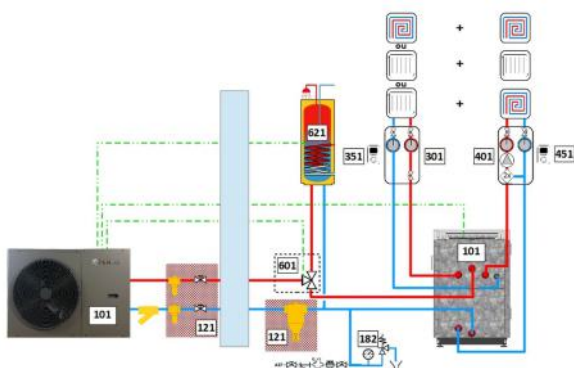
### OptiPac MR32 with indoor heating module:

- Decoupling solution allowing operation regardless of the flow rate in the installation.
- Easy implementation thanks to the indoor module, delivered pre-assembled and wired for a heating circuit.
- Option for external domestic hot water production.

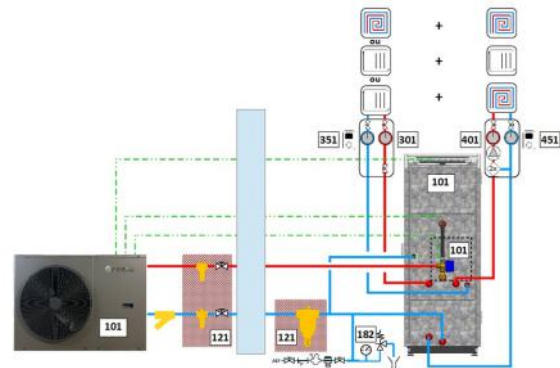
### OptiPac MR32 with indoor heating module + integrated DHW:

- Decoupling solution allowing operation regardless of the flow rate in the installation.
- Easy implementation thanks to the indoor module, delivered pre-assembled and wired for a heating circuit.
- Domestic hot water production through a stainless steel tank integrated into the module.

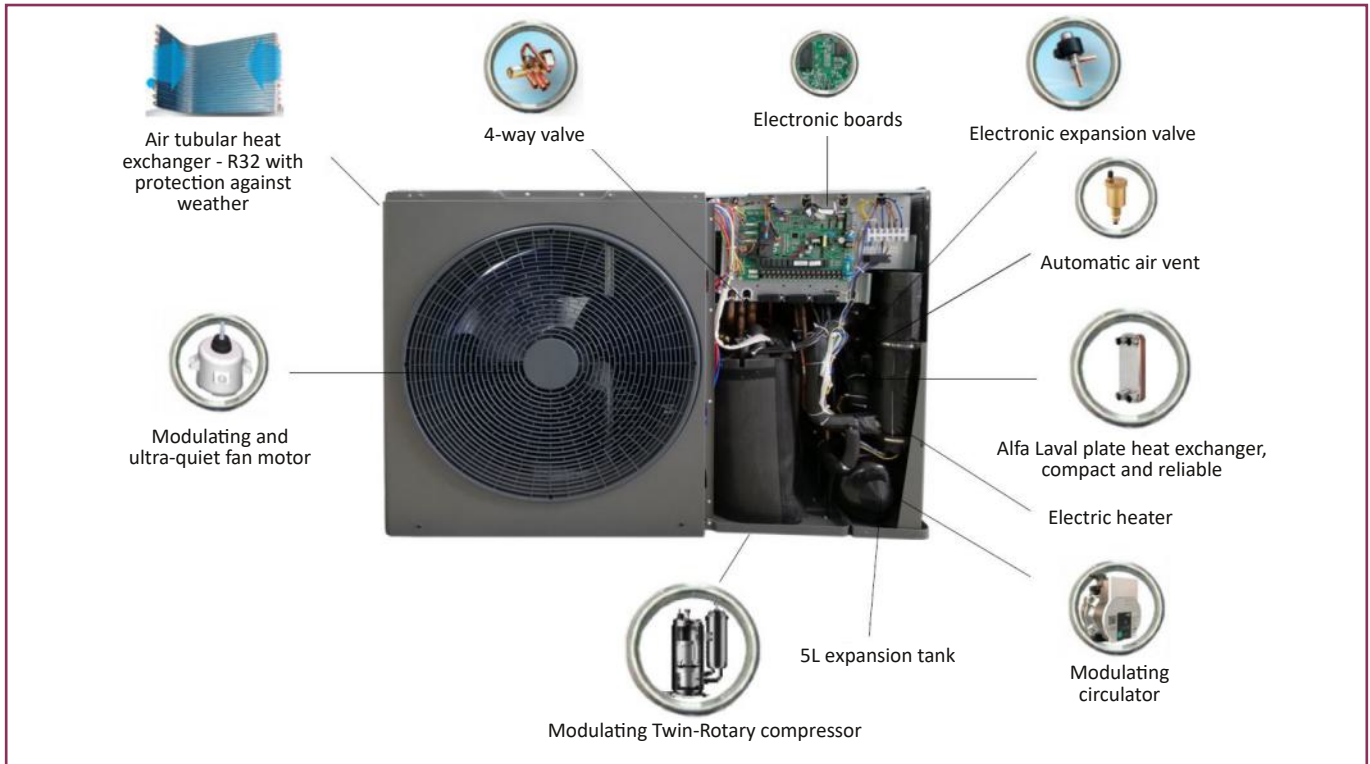
### OptiPac MR32 with indoor heating unit



### OptiPac MR32 with indoor heating + integrated DHW



## An outdoor unit made with high-quality components



## Direct power supply via photovoltaic systems

PERGE OptiPac heat pumps come factory-equipped with a very useful feature.

If your home is equipped with photovoltaic panels, you can force the heat pump to operate whenever free photovoltaic energy is available.



## Automatic climate control with integrated room sensor



PERGE OptiPac heat pumps are equipped with an integrated climate control system that **automatically adjusts the temperature** and power based on the outdoor temperature.

This means that the heat pump automatically adapts its temperature and output according to the current weather conditions (higher output and temperature during cold periods, reduced output and moderate water temperature during the mid-season).

## Remote control for OptiPac MR32 (starting from October 2024)



Control via Smartphone with the MyPerge app (Android or iOS) can be done locally via **Bluetooth** or **internet**, or remotely through **internet**.

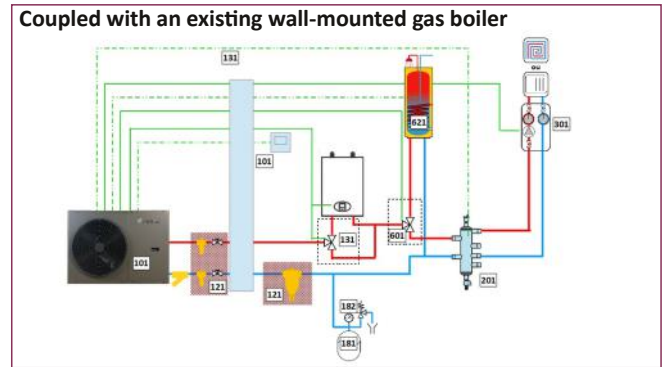
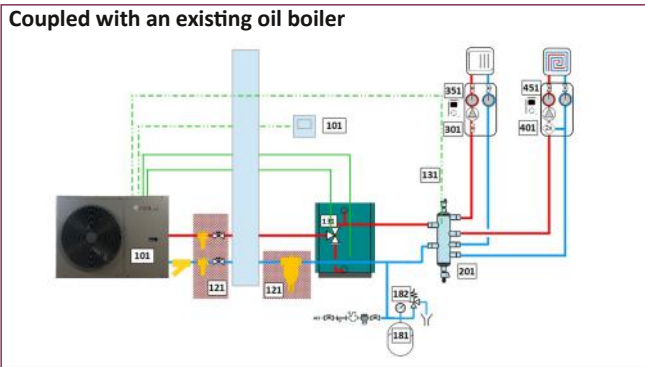
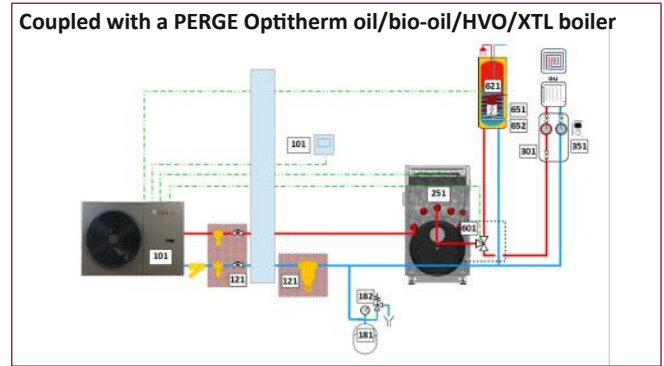
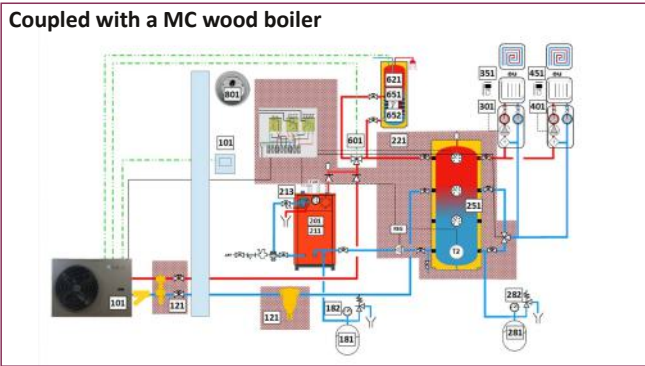
Data exchanges are **encrypted** for enhanced security.

**Two access levels are available :**  
User and Professional.

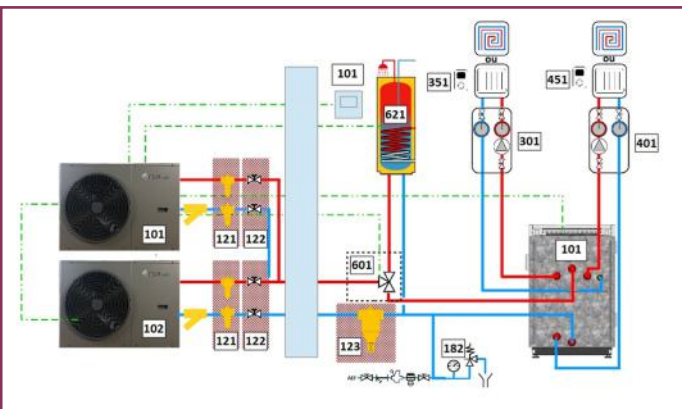


## Choose the safety of 2 energy sources: Couple your existing boiler with a PERGE OptiPac heat pump

Regardless of the chosen installation solution, the OptiPac MR32's control system allows you to manage an existing boiler as a backup when needed.



## Cascade of heat pumps for higher power demands



OptiPac MR32 heat pumps can operate in cascade with up to 8 outdoor units (up to 128 kW). Only one control system is required, connected to the primary outdoor unit, while the others act as complementary units, with their startup and shutdown managed by this regulator.

The cascade operation offers numerous advantages, such as:

- Power adjustment based on demand
- Energy savings
- Operational reliability
- Reduced noise levels

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Dealer stamp



380 av. Salvador Allende  
26800 PORTES LES VALENCE  
Phone : +33 (0)4 75 57 81 63  
Mail : [contact@perge.fr](mailto:contact@perge.fr)

[www.perge.com](http://www.perge.com)