

Air/Water heat pumps  
Hybrid Air/Water heat pumps

## Reduce your energy bill and protect the environment



OptiPac MR32 : an economical and environmentally friendly solution

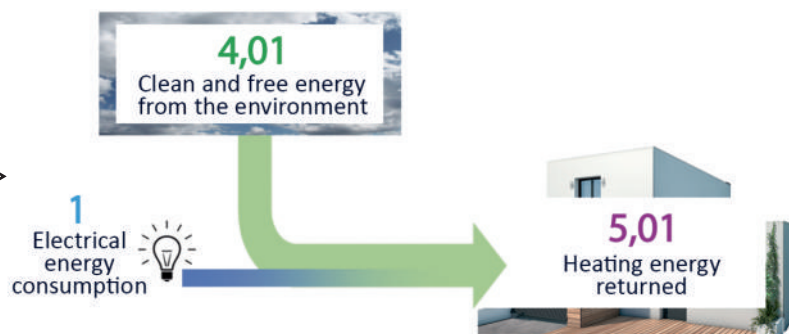
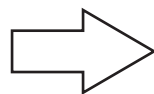


OptiPac MR32 Hybrid : the ideal solution for renovation projects with the security of both energies

### High-performance components :

The heat pump is a device designed to bring clean, **renewable and free** energy into the home, by drawing its source from the environment.

#### First-class performance



#### Quiet, high-quality technology

Our heat pumps are designed for acoustic comfort.  
Opt for a PERGE heat pump that will satisfy both your acoustic and thermal needs.



- 120 dB : Fighter plane
- 100 dB : Car's horn
- 80 dB : Subway in circulation
- 60 dB : Lively market
- 40 dB : Interior of a library
- 20 dB : Light wind



#### Boiler body warranty : 10 years.

The warranty on the heat exchanger body of the boiler incorporated in the hybrid heat pump, against any risk of corrosion or leaks, is extended from 3 to 10 years if you take out an annual maintenance contract with a professional, from commissioning of the appliance and without interruption for 10 years.

## PERGE, French boiler manufacturer since 1971



### Product robustness

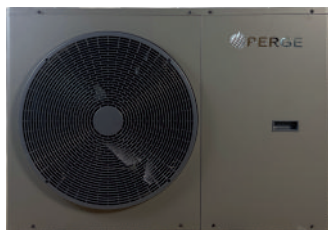
At its site in Portes-Lès-Valence (26), PERGE can count on a workforce dedicated to the quality of the products it manufactures.

## OptiPac MR32 : 3 solutions to meet your needs

An economical and environmentally-friendly solution for new and renovated homes :

- Medium-temperature air/water heat pump
- A high-performance range (up to A+++)
- Very low sound pressure levels (from 31 dB at 5 meters)
- Outdoor temperature control
- Installation with or without interior module
- 3 services: heating, cooling and domestic hot water

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



*Heat pump only :  
without indoor unit*



*Heat pump with  
indoor unit*



*Heat pump with indoor  
unit + DHW*

### OptiPac MR32 **without indoor unit** :

- The most economical solution.
- Possible provided that the flow rate in the system always exceeds 600 liters per hour.

### OptiPac MR32 **with indoor heating unit** :

- Decoupling solution allowing operation regardless of system flow rate.
- Easy to install, thanks to the indoor unit delivered assembled and wired for one heating circuit.
- External domestic hot water production possible.

### OptiPac MR32 **with integrated heating + DHW indoor unit** :

- Decoupling solution allowing operation regardless of system flow rate.
- Easy to install thanks to the indoor unit delivered assembled and wired for one heating circuit.
- Domestic hot water production via a stainless steel storage tank integrated into the module.

## Team proximity

Customer service is at the heart of the PERGE technical and sales teams' approach.



## OptiPac MR32 Hybride : 3 operating modes

PERGE OptiPac MR32 hybrid heat pump technology is based on an innovative hydraulic design. It enables each of the generators to operate automatically and without intervention, alone or together, in the most favorable conditions.

**A solution for large heating needs that protects the environment with the security of 2 energies :**

- Medium-temperature air/water heat pump
- A high-performance range (up to A++)
- Class VII connected control
- Fuel oil/biofuel or natural gas/propane backup
- Chimney or room sealed connection



Hybrid heat pump  
with indoor unit

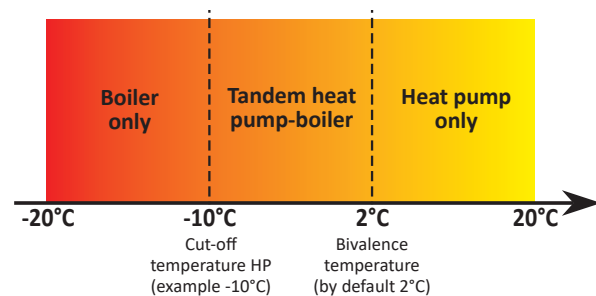


Hybrid heat pump with  
indoor unit + DHW

- **"Heat pump only"** mode: only the PAC operates. Thanks to its very high COP, heat is produced with unrivalled competitiveness.

- **"Tandem heat pump-boiler"** mode. The heat pump delivers its full power under very favorable COP conditions. The boiler provides only the additional power required.

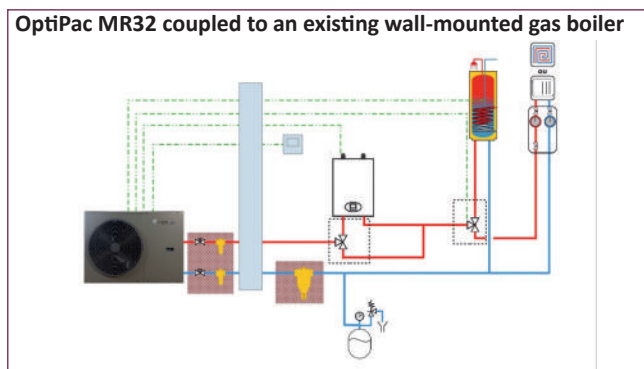
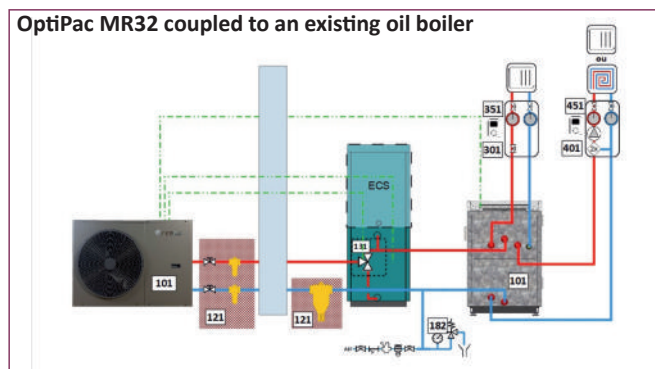
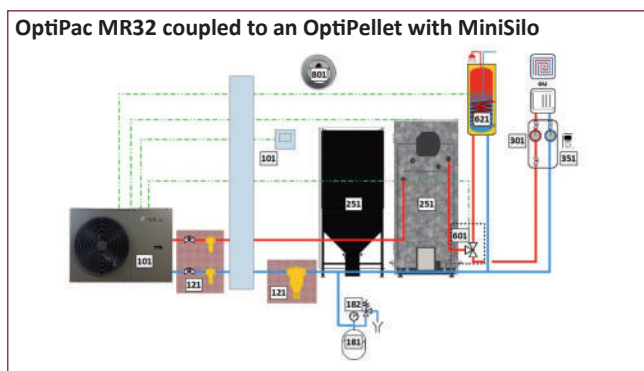
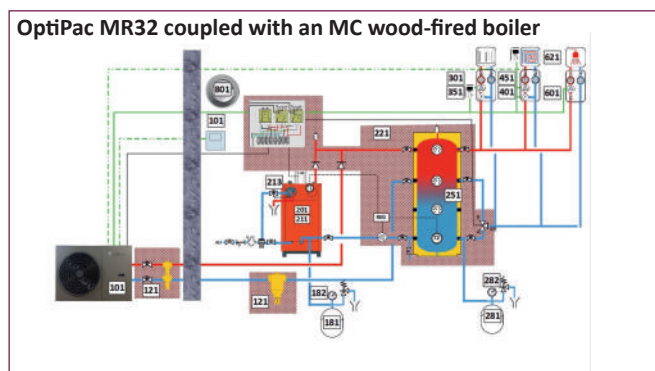
- **"Boiler only"** mode. The heat pump's COP is too low to provide competitive heat. Only the boiler operates.



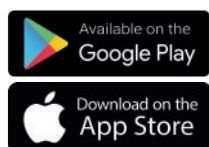
- 2 different energies for greater safety.
- 2 different energies to optimize their use according to their purchase price.
- A more powerful and less expensive backup energy source (oil/gas) than an electric heater.
- No loss of power as outdoor temperatures drop.
- Same financial aid as a heat pump alone, even if the auxiliary energy is oil or gas.

# Opt for the security of 2 energies by coupling your existing boiler to a PERGE OptiPac MR32 heat pump :

Whichever installation solution you choose, the OptiPac MR32 control system can be used to operate an existing boiler as a back-up if required.



## Remote control for OptiPac MR32 hybrid :



The MyPerge application (Android or iOS) can be controlled locally via **Bluetooth** or the **Internet**, or remotely via the **Internet**.

Data exchanges are encrypted for greater security.

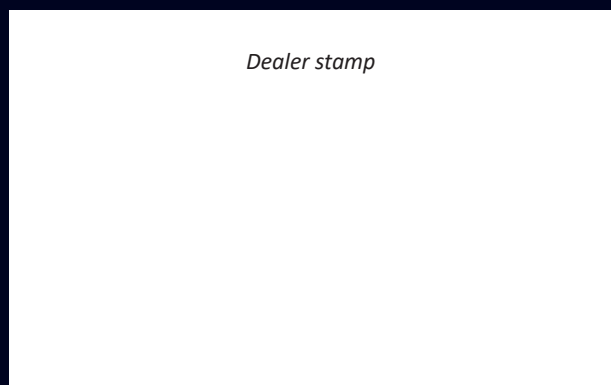
2 access levels are available:  
**User and Professional.**

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Find our price list, brochures and more information on all our products at [www.perge.com](http://www.perge.com)



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