

Hybrid Air/Water heat pump

The ideal solution for replacing an
oil or gas boiler

OptiPac RC7 connected

Hybrid medium-temperature Air/Water heat pump, biofuel or gas
Heat pump output : single 8, 10, 12 or 14 kW - three 10, 12, 14 or 16 kW

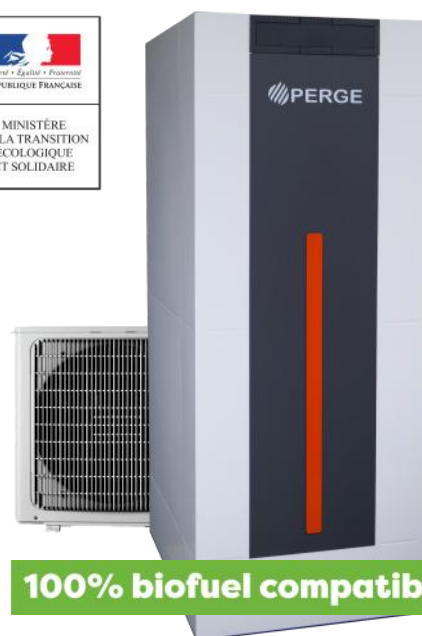
Biofuel or gas backup capacity: 24 or 32 kW

Heating only or

Heating and external hot water production

2 heating circuits at different temperatures

Chimney or Room sealed



100% biofuel compatible



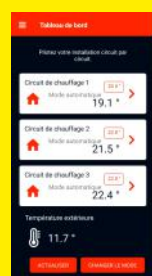
Climate control with room
correction (class VII)
connected



Local connection via **Bluetooth** or remote
connection via **Internet**

Encrypted data exchange

Possibility for the user to "close" the boiler
to any external connection



Automatic regulation of boiler
temperature according to :
- outdoor temperature
- required heating temperature

3 heating circuits or 2 heating circuits + hot
water production

For each circuit :
- 3 temperature levels (comfort, eco, absence)
- daily and weekly programming

4 operating modes :

- Auto (heating + DHW)
- Summer (DHW only)
- Absence (frost-free heating)
- Standby (no heating or DHW)



Outdoor sensor available in **wired or radio**
version

Each heating circuit is equipped with a
wired or radio room sensor.



The **room sensor** is also available with
manual temperature adjustment.

Economy, power and comfort :

- Year-round, with unrivalled competitiveness thanks to heat pumps.
- The few cold days, with power at the best price thanks to the boiler.

A simple, robust appliance

The volume of the factory-fitted internal hydraulic module (50 liters), combined with that of the factory-fitted boiler mixing chamber (50 liters), allows installation without a buffer tank.

This clever hydraulic design eliminates the need to install a plate heat exchanger for the refrigerant circuit, and a flow controller or water pressure switch.

Moreover, thanks to this storage capacity, defrosting is facilitated and becomes 5 times faster, increasing the unit's performance.

Warranty
10 years
Boiler body

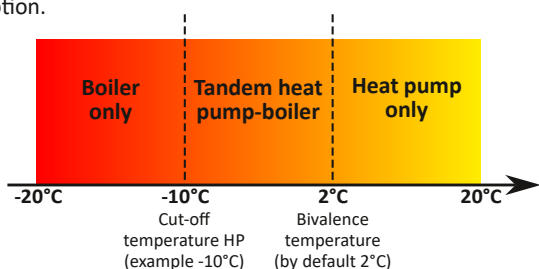
Boiler body warranty : 10 years.

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.

An economical, environmentally-friendly hybrid heat pump

OptiPac is made up of an 8, 10, 12, 14 or 16 kW full inverter outdoor unit and an internal hybrid module integrating a hydraulic module and a 24 or 32 kW biofuel or low-NOx gas boiler, chimney or room sealed. Its design often enables you to keep your electricity subscription.

Its intelligent control system automatically minimizes your consumption in 3 modes : heat pump only, tandem heat pump-boiler, boiler only.



Heat pump only : The outdoor temperature is higher than the bivalence temperature (in this case 2°C). Only the heat pump operates.

Tandem heat pump-boiler : The outdoor temperature is between the bivalence temperature and the heat pump cut-out temperature. The heat pump operates at maximum capacity. The boiler supplements requirements.

Boiler only : The outdoor temperature is lower than the heat pump cut-out temperature (in this case -10°C). Only the boiler operates.

Simple installation, even with multiple heating networks

Supply of two heating circuits at the same or different temperatures directly from the OptiPac without additional hydraulic accessories, thanks to the factory-fitted Duotherm. Installation without mixing valve or buffer tank.

This simplifies installation, reduces installation time and saves valuable space.



Ex: Underfloor heating + radiators

Technical specifications

Designation	8-24		10-24		12-24		14-24		16-24		14-32		16-32			
	hybrid biofuel C-F30D C-F30VD C-F30D C-F30VD C-F30D C-F30VD C-F30D C-F30VD C-F30D C-F30VD C-F30D C-F30VD C-F30D C-F30VD															
	hybrid gas C-GD C-GVD C-GD C-GVD C-GD C-GVD C-GD C-GVD C-GD C-GVD C-GD C-GVD C-GD C-GVD C-GD															
Power output - Heat pump (kW)	8		10		12		14		16		14		16			
Power output - Biofuel or Gas (kW)	23,5		23,5		23,5		23,5		23,5		32,9		32,9			
Max. heating circuit temperature (°C)	90															
Maximum heating circuit pressure (bar)	3															
Electrical supply	1Ph+N+T 230V, 50Hz															
Heat pump electrical supply	1Ph+N+T 230V, 50Hz or 3Ph+N+T 400 V for Tri (Mod. 12 et 16)															
Heat pump electrical protection (A cons D)	16		20		20 (16 en Tri)		25 (16 en Tri)		16 en Tri		25 (16 en Tri)		16 en Tri			
Heat pump COP (+7°C/+35°C)	4,20		4,42		4,35 (4,39 en Tri)		4,35 (4,39 en Tri)		4,35 (4,39 en Tri)		4,35 (4,39 en Tri)		4,10 (4,12 en Tri)			
Smoke connection (mm)	125	80/125	125	80/125	125	80/125	125	80/125	125	80/125	125	80/125	150	80/125	150	80/125
Seasonal Energy Efficiency SEER* (%)	118		120		119		119		118		119		118			
Energy efficiency class Heating without control	A+															
Interior unit dimensions H x W (mm)	1590 x 600															
Chimney - Depth to nozzle / Nozzle axis to ground (mm)	840 / 385															
Room sealed - Depth at axis / total (mm)	906 / 990															
Outdoor unit Dimensions H x W x D (mm)	790x920x370				820 x 940 x 460								1345x900x460			
Sound level Outdoor unit (db(A))	53		55		55		56		52		56		52			
Weight without packaging (kg)	180 + 60		180 + 83		180 + 91		180 + 95		180 + 112		190 + 95		190 + 112			
Number of packages	2															

*: the boiler's Seasonal Energy Efficiency Ratio SEER (without regulation) is the one taken into account for CITE and CEE eligibility.

Dealer stamp



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