



Energy  
Management



Renewable  
Sources



**HPB**  
**HOT DOMESTIC WATER HEATER  
WITH INTEGRATED  
AIR/WATER HEAT PUMP**



**GIACOMINI**  
WATER E-MOTION

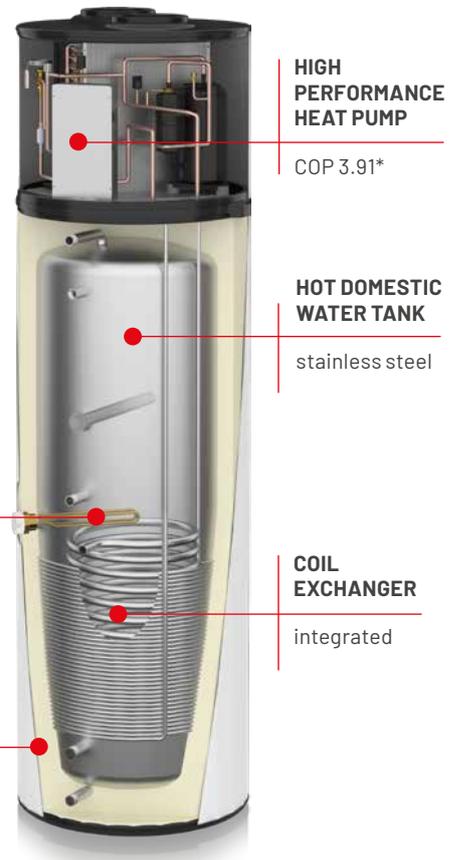
# HPB

*The best from heat pump technology catering to domestic hot water needs.*

The HPB hot domestic water heater with integrated air/water heat pump harnesses energy from the surrounding air, either from indoors or outdoors, depending on where it is installed.

With this technology, **domestic water is heated by heat from the air**, ensuring significant energy savings.

This system can be considered a true energy reserve, as it allows for the storage of a considerable amount of hot water ideally produced through **clean energy sources**, such as photovoltaic or solar thermal energy, thus helping to **reduce CO<sub>2</sub> emissions into the environment**.



\*COP = 3,91 for the 270 liter version according to EN16147

## MAIN FEATURES



- **Energy class A++, saving approximately 75% energy**
- **High energy performance, COP up to 3.91**
- **Compact size**
- **Very low noise level**
- **High reliability thanks to the stainless steel tank**
- **Smart Grid Ready: compatible with solar, thermal, and photovoltaic systems**
- **Zero CO<sub>2</sub> emissions when using clean energy**
- **Easy management through a user-friendly display**



Energy saving



No CO<sub>2</sub> emissions

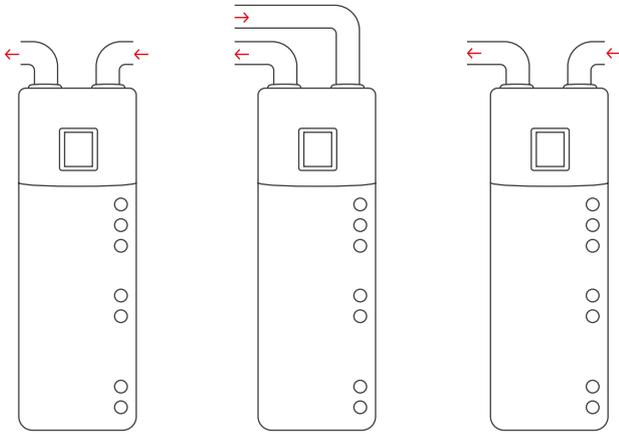


Water temperature up to 60 °C



# Different installation possibilities

Depending on the type premises, the installation can be carried out to meet the specific needs of the end user.



**INSTALLATION WITHOUT DUCT**

for premises with a surface area of at least 20 m<sup>2</sup> and sufficient ventilation

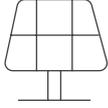
**INSTALLATION WITH 2 EXTERIOR CONDUITS**

entrance and exit

**INSTALLATION WITH 1 CONDUIT**

exhaust to the outside

# Configurations

<p>① <b>HOT DOMESTIC WATER HEATER WITH INTEGRATED ELECTRIC RESISTANCE</b></p>	
<p>② <b>HOT DOMESTIC WATER HEATER COMBINED WITH PHOTOVOLTAIC PANELS</b></p>	
<p>③ <b>HOT DOMESTIC WATER HEATER COMBINED WITH PHOTOVOLTAIC PANELS + ADDITIONAL HEATING BY BOILER</b></p>	
<p>④ <b>HOT DOMESTIC WATER HEATER + ADDITIONAL HEATING BY SOLAR THERMAL PANEL</b></p>	
<p>⑤ <b>HOT DOMESTIC WATER HEATER + ADDITIONAL HEATING BY BOILER</b></p>	





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