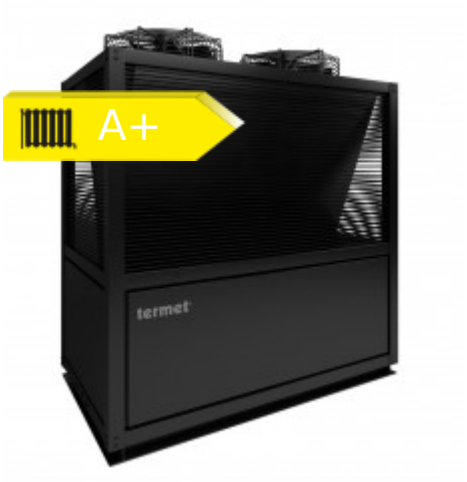
# TERMET HEAT POWER 45




Heat pumps air-to-water **Termet Heat Power** are an ideał solution for heating large buildings:

- multi-family buildings
- boarding houses
- hotels
- production halls
- warehouses
- kindergartens
- schools
- public buildings
- office complexes
- sports facilities

They can serve as a heat source in modernized as well as new central heating systems.

Reversible heat pumps Termet Heat Power are a comprehensive solution because they can not only heat rooms, but also cool them in the summer, and when connected to a hot water storage tank, they can also heat domestic water.

Thanks to their monoblock construction, they are easy to install, as they do not require expenesive drilling and earthworks.

- modern **reversible heat pump,** which allows heating and cooling of rooms
- monoblock construction
- installation outside the building
- electronic expansion valve for excellent refrigerant temperature control and higher heat pump efficiency
- silent and highly efficient axial fan
- vertically placed air outlet to reduce noise
- extremely durabie scroll compressor **Copeland brand**
- **EVI** direct vapor injection technology for efficient heating even at low outside temperatures
- housing made of weather-resistant materials
- possibility to combine into cascade systems **(maximum 5 units)**
- easy control of the unit's operation with the HPmulti controller - the controller features a color touchscreen display
- possibility to control and monitor heat pump operation parameters via the Internet using the ecoNET300 module
- HPmulti controller and ecoNET300 module included with heat pump

| parameters | Value |
|---|---|
| Heating output (A7/W35) | 42,25 kW |
| Power consumption (A7/W35) | 9,7 kW |
| COP (A7/W35) | 4,16 |
| Energy efficiency class | A+ |
| Temperature range of bottom-source (air) | -25 to +43 °C |
| Temperature range of heating system | to 55 °C °C |
| Refrigerant | R410A |
| Quantities of refrigerant | 7,0 kg |
| GWP | 2088 |
| Dimensions (height x width x depth) | 1865 x 1680 x 950 |
| Weight | 440 |
| Localisation | Outside |
| Protection class | IPX4 |
| Power supply | 400V/3/50Hz |
| Compressor | Scroll |
| Sound power level | 65 dB |