

Warmth of nature

5

LAT
GWARANCJI
YEAR
WARRANTY



EKO
PRODUKT
ECO
PRODUCT



DO DUŻYCH
OBIEKTÓW
COMMERCIAL
HEATING

termet®

A+



Termet Heat Academy

Heat pumps air-to-water high-powered
TERMET HEAT POWER 35
TERMET HEAT POWER 45
TERMET HEAT POWER 70

Heat pumps air-to-water Termet Heat Power are an ideal solution for heating large buildings. 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 expensive drilling and earthworks.

Heat pumps Termet Heat Power can be combined in a cascade (maximum 5 units)

They will do well for heating:

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



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TECHNICAL AND UTILITY ADVANTAGES

- 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 durable 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



Termet Heat Power 35



Termet Heat Power 45



Termet Heat Power 70

TECHNICAL SPECIFICATIONS

		35	45	70
Heating	Seasonal space heating energy efficiency class for [A7/W35*] Seasonal space heating energy efficiency class for [A7/W55*]	A+	A+	A+
	Rated heating power [A7/W35*]	32,89 kW	42,25 kW	65,04 kW
	Maximum heating power [A12/W35*]	38,07 kW	49,23 kW	75,69 kW
	COP [A7/W35*]	4,17	4,16	4,18
	COP [A7/W55*]	2,79	2,80	2,78
	SCOP [W35*]	3,24	3,11	2,97
	Maximum supply temperature	60°C	60°C	60°C
	Outlet water temperature	55°C	55°C	55°C
Other parameters	Compressor	1 compressor Copeland brand scroll	1 compressor Copeland brand scroll	2 compressors Copeland brand scroll
	Expansion valve	Electronic		
	Fan	low-noise, high-efficiency axial fan		
	Number of fans	1	2	2
	Defrosting	yes	yes	yes
	Protection low/high pressure	yes/yes	yes/yes	yes/yes
	Refrigerant	R407C (GWP 1774)	R410A (GWP 2088)	R407C (GWP 1774)
	Amount of refrigerant in the circuit	4,2 kg	7,0 kg	8,4 (2x4,2) kg
	Ambient temperature during operation	-25~43°C	-25~43°C	-25~43°C
	Sound power level	65 dB	65 dB	68 dB
	IP degree (protection level)	IPX4	IPX4	IPX4
	Power supply	400 V 3 phases/50 Hz	400 V 3 phases/50 Hz	400 V 3 phases/50 Hz
	Maximum power supply current	25,5 A	35,3 A	51,0 A
	Height x width x depth	1850x950x1100 mm	1865x1680x950 mm	1850x1847x1100 mm
Net weight	380 kg	440 kg	760 kg	

*A - air temperature; W - water temperature at the heat pump outlet.

Heat pump contains fluorinated greenhouse gases covered by the Kyoto Protocol. Refrigerant circuit is hermetically sealed.

Catalog number	Trade name	EAN code
TPP 9911 00 00 00	HEAT PUMP TERMET HEAT POWER 35	5907510157192
TPP 9912 00 00 00	HEAT PUMP TERMET HEAT POWER 45	5907510157208
TPP 9913 00 00 00	HEAT PUMP TERMET HEAT POWER 70	5907510157215

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