



EARTH AND GROUNDWATER

EMOTION MODELS 4-70 KW
WITH HIGHEST EFFICIENCIES

- Tested annual efficiency of 6.0
- Quick and easy to install
- Large variety of models and heat sources
- Modulating, stepless operation

FULL POWER FROM THE EARTH OR GROUNDWATER

The heat pump guarantees maximum efficiency and can be cascaded up to 12 times. This enables outputs up to 840 kW.



PROFESSIONAL TIP

PERFECT SOLUTION FOR PROFESSIONALS

- Remote maintenance via web interface
- Server solution for remote maintenance overview
- Integration of third-party systems via Modbus TCP
- Commissioning within a few minutes



WPS 412-V2 AND WPS 618-V2

The established WPS concept is now also available with additional integrated features such as two circulation pumps, a 3-way valve for hot water, a brine expansion vessel, an 8.8 kW electric heating element, a heat meter (Vortex sensor) and a safety thermostat.

THE GEOTHERMAL AND GROUNDWATER HEAT PUMP: ALL HEAT PUMPS HAVE AN INTEGRATED ENERGY MANAGEMENT SYSTEM

With a tested annual efficiency of 6.0, the M-TEC geothermal and groundwater heat pump is one of the best in its class. Geothermal energy, the energy supplier for generations.

TECHNICAL DATA DIRECT VAPORISER

Models	WPD4 12	WPD6 18
	PERFORMANCE	
Power range kW	3 - 13	5 - 20
Energy class	A+++	A+++
Dimensions mm (H x L x W)	1.300 x 600 x 650	1.300 x 600 x 650
SCOP EN14825	5,81 (35°C)	6,03 (35°C)



- Heating & cooling possible
- Integration of photovoltaics
- Operation via smartphone

TECHNICAL DATA GEOTHERMAL ENERGY

Models	WPS412 + WPS412-V2	WPS618 + WPS618-V2	WPS1036-AK	WPS1052-AK
	PERFORMANCE		COMMERCIAL	
Power range kW	3 - 11	4 - 16	4 - 22	10 - 52
Energy class	A+++	A+++	A+++	A+++
Dimensions mm (H x L x W)	1.300 x 600 x 650	1.300 x 600 x 650	1.465 x 600 x 650	1.465 x 600 x 650
SCOP EN14825	5.29 (35°C)	5.51 (35°C)	5.21 (35°C)	5.42 (35°C)

TECHNICAL DATA GROUNDWATER

Models	WPS-W412	WPS-W618	WPS-W1036-AK	WPS-W1052-AK
	PERFORMANCE		COMMERCIAL	
Power range kW	3 - 12	5 - 19	10 - 36	13 - 70
Energy class	A+++	A+++	A+++	A+++
Dimensions mm (H x L x W)	1.300 x 600 x 650	1.300 x 600 x 650	1.465 x 600 x 650	1.465 x 600 x 650
SCOP EN14825	6.71 (35°C)	6.63 (35°C)	5.21 (35°C)	7.35 (35°C)