

Ground source heat pump  
Geopro MH



*Geopro*



In the new Oilon Geopro MH ground source heat pump, energy efficiency, ease of use and style are combined. The styling is simple but functional.

The Oilon Geopro MH ground source heat pump has been built to last and provide energy with low costs. The pump's over 200 liter build-in buffer tank ensures that there is always enough hot domestic water.

### Advantages

- Easy installation
- "Plug and play" function
- Equipped with safety switch and 10 meter outside temperature sensor cable
- Remote control with room temperature sensor as standard
- Brinewater pipes/connections can be installed from right or left side
- Over 200 liter build-in buffer tank
- Includes heating circuit pump, mixing valve, **continuous** flow to heating circuit
- Second heating circuit as an option
- Automation with several languages
- Smartweb option

### TECHNICAL DATA

Ground source heat pump Geopro MH		MH 6	MH 7	MH 9	MH 11	MH 13
Brine 0/35, EN 14511	Heat from ground kW	4.1	5.8	7.3	8.6	10.4
	Compressor electrical power kW	1.3	1.7	2.1	2.4	2.9
	Total heating power kW	5.4	7.4	9.4	11	13.3
	COP	4.2	4.4	4.4	4.5	4.5
Brine 0/45, EN 14511	Heat from ground kW	3.7	5.2	6.6	7.6	9.2
	Compressor electrical power kW	1.5	2	2.5	2.9	3.5
	Total heating power kW	5.2	7.2	9.1	10.5	12.7
	COP	3.4	3.5	3.6	3.6	3.6
Temperature	Maximum DHW temperature	60	60	60	60	60
Electrification	Electrical connection	3 / N / PE 400 V 50 Hz				
	Start-up current A	26	32	46	51.5	64
	Maximum operating current A	5	5.2	6.8	8.2	10.1
Fuse size	With full electric heater capacity	16 A	16 A	20 A	20 A	25 A
Refrigerant circuit	Refrigerant	R407C				
	Quantity of refrigerant, kg	1.5	1.5	1.5	2	2
	Compressor	Hermetic Scroll Compressor				
Nozzles	Brine in	28 mm	28 mm	28 mm	28 mm	28 mm
	Brine out	28 mm	28 mm	28 mm	28 mm	28 mm
	Heat circuit 1 inlet	28 mm	28 mm	28 mm	28 mm	28 mm
	Heat circuit 1 outlet	28 mm	28 mm	28 mm	28 mm	28 mm
	Heat circuit 2 outlet	28 mm	28 mm	28 mm	28 mm	28 mm
	<b>DCW</b> in	22 mm	22 mm	22 mm	22 mm	22 mm
	DHW out	22 mm	22 mm	22 mm	22 mm	22 mm
Dimensions	mm	height 1750, width 1000, depth 620				
Weight	kg, empty/filled with water	260/490	270/500	280/510	290/520	300/530

Oilon has already been designing and producing heating systems for both large power plants and homes for 50 years.

Oilon is constantly developing new innovations, so that environmentally friendly heating solutions are also affordable.

Oilon units are used to heat more than 300,000 homes in Finland.

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