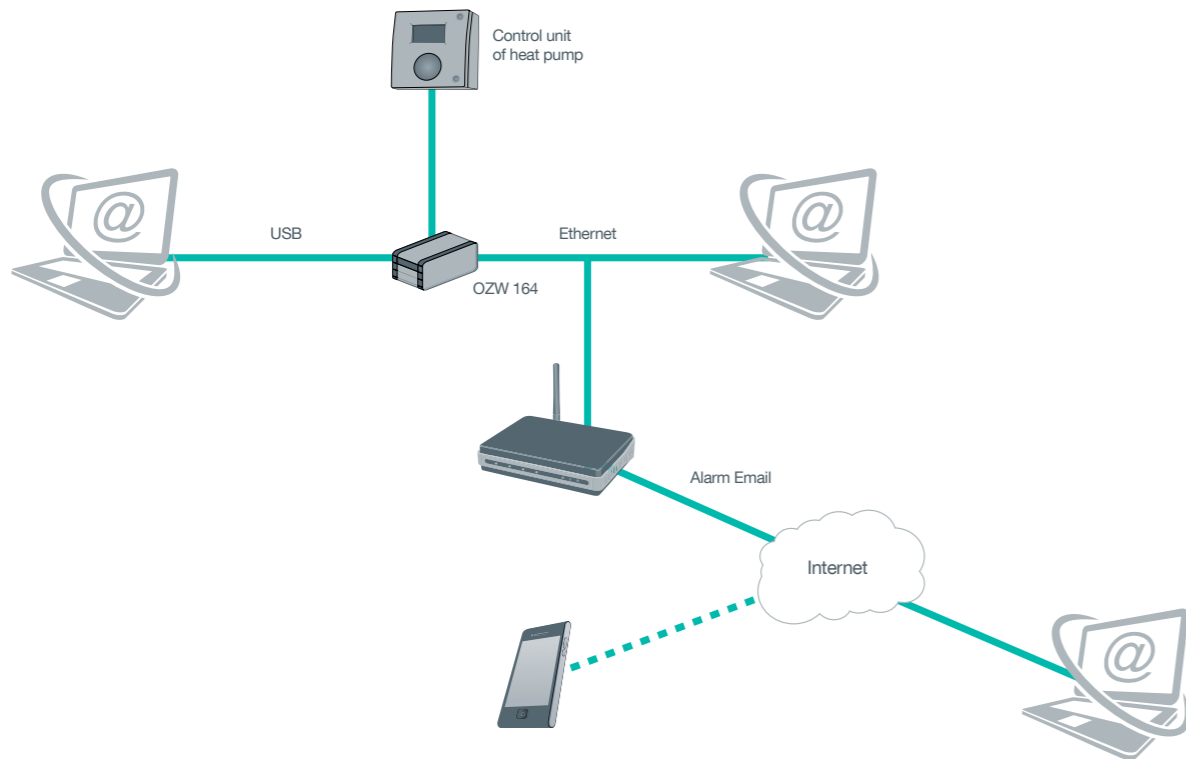


## OPTIONAL - SMART WEB REMOTE CONTROL

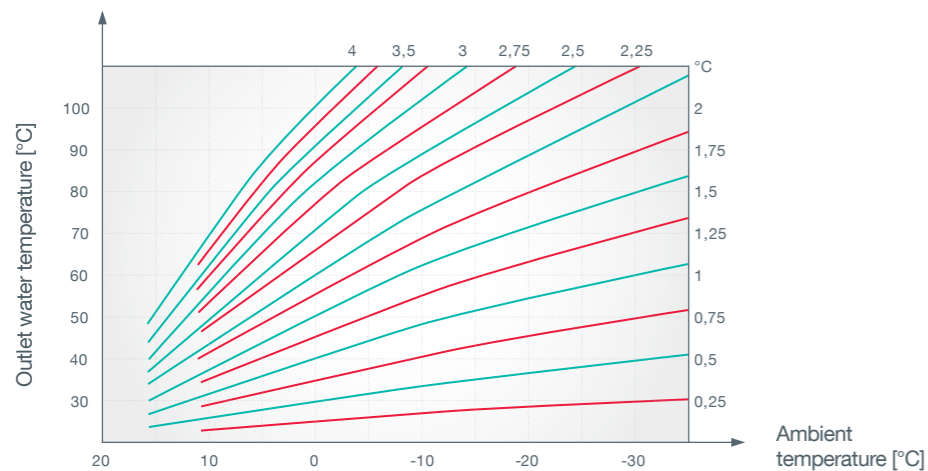
The Smart Web application allows you to monitor your heat pump operation regardless of where you are. An internet connection can be used to connect the heat pump controllers to your personal computer or your cell phone. Thus, the system allows you to monitor

the settings, to keep up to date with the device operating status, and to receive a warning in case of any failures. This makes remote control of your heating system convenient as well as cost - and energy-effective due to constant control over equipment operation.

### Remote control scheme SMART WEB



### SMART ENERGY-EFFICIENCY CONTROL



The heating curve depends on the characteristics of the building being heated, which is the only warranty that the heat pump, regardless of the outdoor temperature, will always heats the water to the lowest acceptable temperature.

Gorenje d.d.  
 HVAC (Heating, Ventilation and Air Conditioning)  
 Partizanska 12 | SI- 3503 Velenje | Slovenija  
 T: +386(0)3 899 10 00  
 hvac@gorenje.com | www.gorenje.com

Pictures and technical data in the leaflet may differ from actual devices on sale. Gorenje retains the right to make changes without notice.

**gorenje**  
*Life Simplified*

# GEOGOR ALL-IN-ONE 7 / 10 M

## PREMIUM GEOTHERMAL HEAT PUMPS

### Brine-Water and Water-Water systems



SUPER ADVANTAGE

**PREMIUM ALL-IN-ONE:**  
 190 L DHW tank  
 2 x circulation pump A class  
 3-way valve

SUPER FUNCTION

**ENERGY-EFFICIENCY CONTROL**  
**SMART WEB**

SUPER EFFICIENCY

**Copeland Scroll**  
**A++ energy class**  
**High COP**

**PREMIUM**

## HIGH-EFFICIENCY TECHNOLOGY

### FEATURES OF GEOGOR ALL-IN-ONE HEAT PUMPS

Gorenje GeoGOR ALL-IN-ONE is a line of intelligent heat pumps high-efficiency SCROLL compressor and complete set of components which enable space heating and heating of domestic hot water. Suitable for use in residential buildings with heating surface area 100-300 m<sup>2</sup>. The heat pump adjusts itself automatically to the power demand of the house. This results in optimal performance all year round.

Built-in 190 liter enameled water tank and big surface heat exchanger provides sufficient quantities of domestic hot water even for a households with more family members. Heat pumps GeoGOR ALL-IN-ONE 7/10 M distinguished by

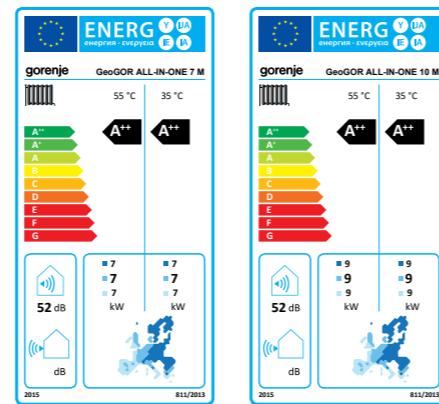
its superior design, compact dimensions and silent operation, allowing installation in different rooms in the house-it is possible to set it in a technical room, garage, hallway or basement.

Built-in controller allows you to connect several accessories such as pool heating, passive cooling, active cooling and remote management via computer or smart phone. Installation of heat pump GeoGOR ALL-IN-ONE is quick, easy and affordable, as are virtually all the components necessary for operation, built-in as standard, which ensures superior quality and long service life.

## PREMIUM GEOTHERMAL HEAT PUMPS

### MAIN COMPONENTS AND FEATURES OF HEAT PUMPS

#### GeoGOR ALL-IN-ONE 7 / 10 M



- 1 Enameled 190 L sanitary water tank with high efficiency heat exchanger
- 2 3-way diverting valve for DHW mode
- 3 Siemens RVS 21 controller with weather-depend control and SMART WEB remote control (optionally)
- 4 3-stage electrical flow heater 2/4/6 kW
- 5 High-efficiency compressor COPELAND Scroll ZR
- 6 Circulation pump for secondary side (floor / radiators heating)
- 7 Antivibration rubber plate
- 8 Circulation pump for primary side (source side)

## GeoGOR ALL-IN-ONE 7 / 10 M

### ADVANTAGES OF GeoTHERMAL HEAT PUMPS



### Performance data: Heating capacity/COP/Input power

Model name	unit	GeoGOR ALL-IN-ONE 7 M	GeoGOR ALL-IN-ONE 10 M
ErP Energy efficiency class	/	A++ / A++	A++ / A++
SCOP 35°C (floor heating) EN 14825	kW/kW	4,4	4,43
Pdesign for SCOP EN 14825	kW	7	9
Heating capacity / Input power (B0/W35)*	kW	7,0/1,56	9,4/2,08
COP (B0/W35)*	/	4,5	4,5
Heating capacity / Input power (B0/W45)*	kW	6,7/1,99	9,1/2,66
COP (B0/W45)*	/	3,4	3,4
Heating capacity / Input power (B0/W55)*	kW	6,6/2,48	8,9/3,20
COP (B0/W55)*	/	2,6	2,8

\* Measured at parameters brine-water B0/W35-55; according to standard EN 14511.

### Technical information

Model name	unit	GeoGOR ALL-IN-ONE 7 M	GeoGOR ALL-IN-ONE 10 M
Modes of Operation	/	Heating mode / DHW mode	Heating mode / DHW mode
Net dimension (W x D x H)	mm	600 x 690 x 1865	600 x 690 x 1865
Packing dimension (W x D x H)	mm	670 x 765 x 1970	670 x 765 x 1970
Packing weight	kg	269	272
Max. water outlet temperature	°C	55	55
Operating range—source temperature	°C	-5°C to +25°C	-5°C to +25°C
<b>Refrigerant circle parameters</b>			
Type of compressor	/	High-efficiency COPELAND Scroll ZR	High-efficiency COPELAND Scroll ZR
Type of expansion valve	/	EEV	EEV
Type of refrigerant/mass	/	R407C / 2 kg	R407C / 2,1 kg
GWP (Global warming potential)	GWP	1774	1774
Quantity of hydrofluorocarbons in tonnes of CO <sub>2</sub> equivalent	t CO <sub>2</sub> Equiv.	3,548	3,725
Hermetically sealed equipment (indoor unit)	Yes	Yes	Yes
<b>Nominal water/glycol flow on primary and secondary side</b>			
Nominal flow on source side	m <sup>3</sup> /h	1,70	2,20
Nominal flow on secondary side (heating side)	m <sup>3</sup> /h	1,20	1,60
Type of controller	/	Siemens Albatros RVS21+New display	Siemens Albatros RVS21+New display
<b>Electrical parameters</b>			
Rated voltage	Ph/V/Hz	3/N/PE 400 V/50 Hz	3/N/PE 400 V/50 Hz
Fuse for heat pump	A/type	1x3p/10A/C	1x3p/10A/C
Fuse for electrical flow heater 6 kW	A/type	3x1p/10A/C	3x1p/10A/C
Sound power level	dB(A)	max. 55	max. 55
<b>Other serial integrated components</b>			
Electrical flow heater	kW	6 kW (3f/400V/50Hz)	6 kW (3f/400V/50Hz)
Expansion vessel—primary side (brine)	L	8	8
Flow switch on source side	/	yes	yes
Circulation pump on source side (brine)	/	A energy class 25/1-8	A energy class 25/1-8
Circulation pump on heating side	/	A energy class 25/1-8	A energy class 25/1-8
DHW tank with volume	L	190	190
Area of heat exchanger in DHW tank	m <sup>2</sup>	2,0	2,0
Corrosion protection of DHW tank	/	enamel	enamel
3-way diverting valve for DHW mode	/	yes	yes