



Gapsal Compact and Gapsal OKS

6-17 kW heat pumps for heating and supplying with domestic hot water of residential buildings, using different heat sources - soil, geothermal well, spiral collectors or open water bodies. Gapsal Compact and Gapsal OKS enable to build efficient heat pump systems.

Gapsal Compact is integral equipment which contains all necessary heat pump elements. Gapsal Compact is integrated with stainless water heater where the domestic water is heated with corrugated stainless spiral with big surface which ensures quick heating of domestic water.



Movek Grupp

Gapsal OKS is a heat pump which can be used with different volume water heaters as well as water heater Gapsal HW200.

Temperature of heating and domestic water of Gapsal Compact and Gapsal OKS can be up to 65 °C. To avoid formation of scale, the magnesium anode is installed to the water heater. High temperature of domestic water ensures high volume of shower water and enables to use these pumps at renovation without re-dimensioning of radiators.

All Gapsal models use electronic expansion valve which follows saturation of refrigerant in evaporator to ensure maximum possible efficiency. Gapsal Compact and Gapsal OKS user interface enables to use those heat pumps either for passive or active cooling using necessary auxiliary units for that, and for checking the operation of circulation pumps and solar panels. The user interface enables to follow and regulate heat pump's operation from the computer, smartphone or tablet.

using relevant modem in the heat pump or GSM modem in case there is no Internet cable.

Gapsal Compact and Gapsal OKS efficiently ensure heat and domestic hot water in the building.



Gapsal Compact and Gapsal OKS	8	10	13	17
Refrigerant type	R410A	R410A	R410A	R410A
Refrigerant volume	1.96 kg	2.45 kg	2.6 kg	2.95 kg
Test pressure	4.5 MPa	4.5 MPa	4.5 MPa	4.5 MPa
Working pressure	4.3 MPa	4.3 MPa	4.3 MPa	4.3 MPa
Compressor type	scroll	scroll	scroll	scroll
Electrical connection	3 × 400 V			
Electrical power	1.75 kW	2.1 kW	3.0 kW	3.9 kW
Efficiency factor (SPF)	4,63	4,67	4,71	4,82
Heat capacity	8.1 kW	10.2 kW	13.2 kW	17.1 kW
Brine	Ethanol 33 %	Ethanol 33 %	Ethanol 33 %	Ethanol 33 %
Low pressure protection	0.35 MPa	0.35 MPa	0.35 MPa	0.35 MPa
High pressure protection	4.3 MPa	4.3 MPa	4.3 MPa	4.3 MPa
Work pressure switch	4.0 MPa	4.0 MPa	4.0 MPa	4.0 MPa
Water heater (Compact)	185 l	185 l	185 l	185 l
Weight (Compact)	214 kg	221 kg	225 kg	240 kg
Weight (OKS)	126 kg	137 kg	141 kg	158 kg

Capacity and SPF is calculated B0/W35 according to EN 14511 (including circulation pumps)



All Gapsal modules have electronic expansion valve which enables precise control of heat pump's operation.

Movek Grupp OÜ

Tallinn, Laki 25

Haapsalu, Tennise 1

Phone +372 472 0260

info@movekgrupp.com

www.movekgrupp.com