

GEOTHERMAL HEAT PUMP PRODUCT FICHE

Type	Brine to water heat pump		
Model	GS10		
Temperature application		55°C	35°C
Seasonal space heating energy efficiency class, average climate		A ⁺	A ⁺⁺
Rated heat output ,average climate	[KW]	10	11
Annual energy consumption , average climate *	[KWh]	6727	5412
Seasonal space heating energy efficiency η_{S} , average climate		115%	154%
SCOP ,average climate		3.07	4.04
Sound power level LWA, indoors	[dB(A)]	56	
Rated heat output ,cold climate	[KW]	10	11
Annual energy consumption , cold climate *	[KWh]	7656	6408
Seasonal space heating energy efficiency η_{S} , cold climate		118%	156%
SCOP ,cold climate		3.16	4.11
Rated heat output ,warm climate	[KW]	10	10
Annual energy consumption , warm climate *	[KWh]	4465	3408
Seasonal space heating energy efficiency η_{S} , warm climate		115%	153%
SCOP ,warm climate		3.07	4.03
Dimension (H X W X D)	[mm]	1850 X 560 X 590	
Weight	[kg]	155	
Power source		380-415V/3ph/50Hz	

* The annual energy consumption kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

Dismantling, Recycling and Disposal

Dismantling

- ▶ Unit is safely disconnected from the power supply and protected against being switched back on again.
- ▶ Collect all media safely.
- ▶ Separate components by their materials.

Disposal and Recycling

- ▶ Dispose of media harmful to the environment according to local regulations, e.g. antifreeze mixture, refrigerant.
- ▶ Recycle or ensure proper disposal of unit components and packaging materials according to local regulations.