

NIBE S1156 ground source heat pump



A modulating heat pump designed to supply the home with inexpensive and environmentally friendly heating.

The S1156 unit features a circulation pump and a control system with heat production that is both safe and economical. For optimum performance connect to a low temperature heat distribution system such as underfloor heating.

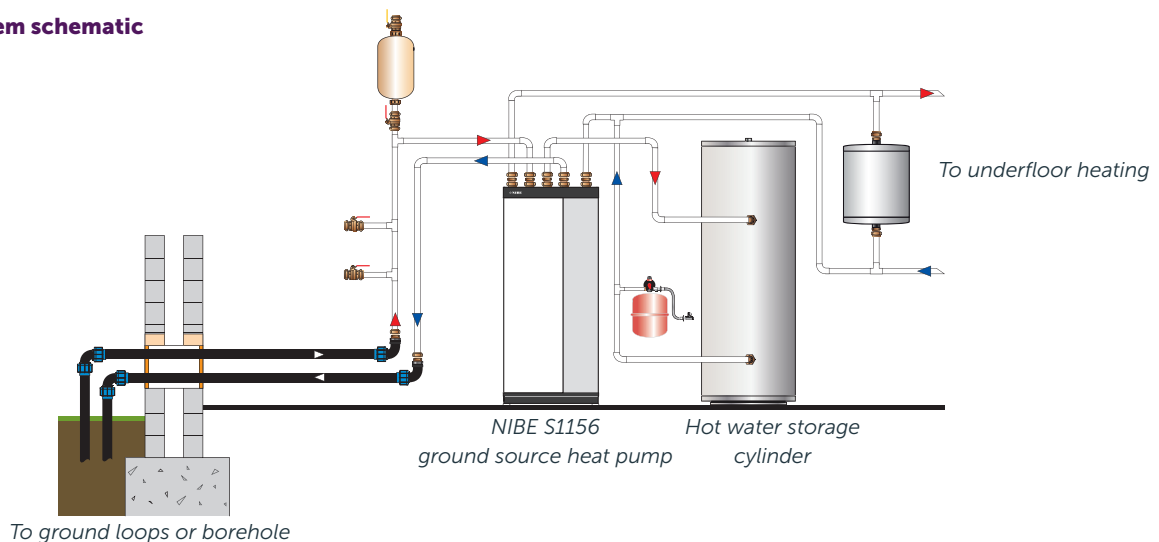
The S1156 has no integrated domestic hot water storage, which is an advantage if there is a low ceiling or if a larger volume of hot water is required.

The advanced S-series controller helps maintain a comfortable indoor climate both cost-effectively and safely. Clear information about status, operation time and all temperatures in the heat pump is shown on the large and easy-to-read touchscreen display with swipe function. The S1156 has an integrated wifi connection and is also compatible with NIBE myUplink.

The controller in the S1156 heat pump is rated as Class IV under EU Commission Delegated Regulation 811/2013 when used as part of a heating package supplied by Nu-Heat, merits +4%.

Warranty – 7-year warranty as standard when commissioned by Nu-Heat.

Typical system schematic



TECHNICAL DATA	SINGLE-PHASE		THREE-PHASE
Model size: NIBE S1156	8kW	13kW	18kW
CoP at B 0/W 35*	5.05	5.06	5.10
Net weight	165kg	179kg	184kg
Type of refrigerant	R454B		
Dimensions (mm)	H1500 (1670 headroom required) x W600 x D620		
Immersion heater	Yes		

* In accordance with EN 14511 for heat source entry at 0°C/hot water flow at 35°C

Energy efficiency fiche

Supplier's name	NIBE					
	S1156-8		S1156-13		S1156-18	
Model						
Temperature application (°C)	35	55	35	55	35	55
Declared load profile for water heating	XL		XL		XXL	
Seasonal space heating energy efficiency class, average climate	A+++	A+++	A+++	A+++	A+++	A+++
Water heating energy efficiency class, average climate	A+		A+		A+	
Rated heat output, average climate (kW)	7.5		11		15.1	
Annual energy consumption for space heating, average climate (kWh)	2732	3637	3868	5303	5252	7064
Annual electricity consumption for water heating, average climate (kWh)	1331		1325		1342	
Seasonal space heating energy efficiency, average climate (%)	219	162	227	163	230	169
Water heating energy efficiency, average climate (%)	126		126		125	
Sound power level LWA indoors (dB)	36		39		39	
Rated heat output, cold climate (kW)	7.5		11		15.1	
Rated heat output, warm climate (kW)	7.5		11		15.1	
Annual energy consumption for space heating, cold climate (kWh)	3107	4167	4423	6081	5988	8098
Annual electricity consumption for water heating, cold climate (kWh)	1331		1325		1342	
Annual energy consumption for space heating, warm climate (kWh)	1765	2346	2512	3413	3352	4515
Annual electricity consumption for water heating, warm climate (kWh)	1331		1325		1342	
Seasonal space heating energy efficiency, cold climate (%)	230	169	237	170	241	176
Water heating energy efficiency, cold climate (%)	126		126		125	
Seasonal space heating energy efficiency, warm climate (%)	219	163	226	164	233	171
Water heating energy efficiency, warm climate (%)	126		126		125	
Sound power level LWA outdoors (dB)	N/A					