



NIBE S1255 ground source heat pump



A modulating heat pump designed to supply inexpensive and environmentally friendly heating and cooling.

The S1255 unit features an integrated immersion heater, circulation pumps 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 integrated water cylinder of the S1255 is manufactured in stainless steel as standard.

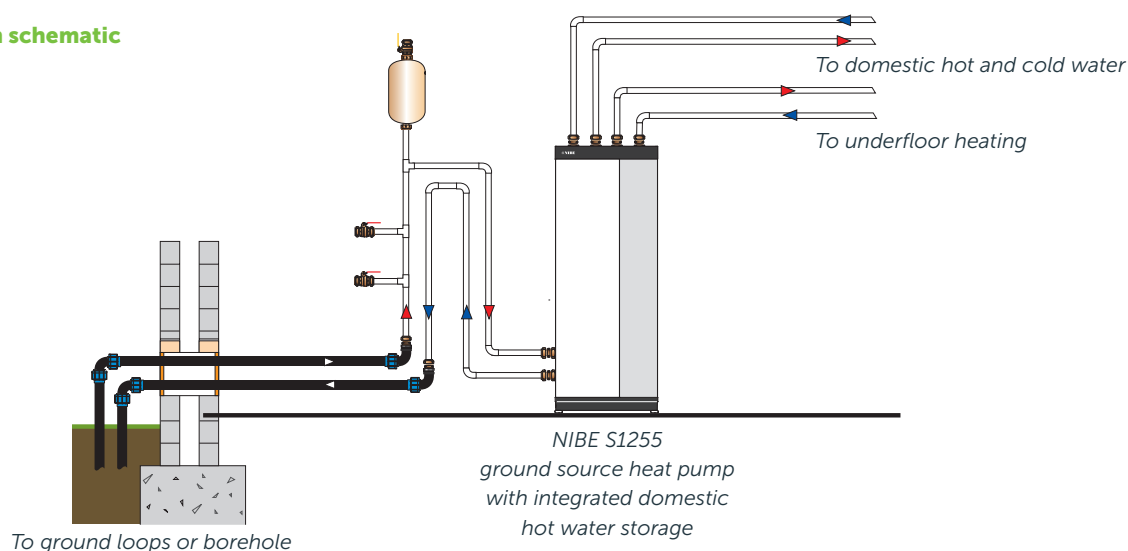
A control unit helps to maintain a comfortable indoor climate, both cost-effectively and safely. Clear information about status, operation time and all temperatures in the heat pump are shown on the large and easy-to-read touchscreen display with swipe function. The S1255 has an integrated wifi connection and is also compatible with NIBE myUplink.

The controller in the S1255 heat pump is rated as Class III under EU Commission Delegated Regulation 811/2013 when used as part of a heating package supplied by Nu-Heat. Merits +1.5%.

The NIBE S1255 is listed under SAP Appendix Q

Warranty – 7-year warranty as standard when commissioned by Nu-Heat or an approved NIBE VIP installer.

Typical system schematic



TECHNICAL DATA	SINGLE-PHASE	
Model size: NIBE S1255	6kW	12kW
CoP at B 0/W 35*	4.72	4.39
Net weight without water	220kg	250kg
Dimensions	H1800 (1950 headroom needed) x W600 x D620mm	
DHW cylinder volume	approx 180 litres	
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			
Model	S1255-6		S1255-12	
Temperature application (° C)	35	55	35	55
Declared load profile for water heating	XL		XL	
Seasonal space heating energy efficiency class, average climate	A+++	A+++	A+++	A+++
Water heating energy efficiency class, average climate	A		A	
Rated heat output, average climate (kW)	6		12	
Annual energy consumption for space heating, average climate (kWh)	2188	2875	4582	6213
Annual electricity consumption for water heating, average climate (kWh)	1642		1709	
Seasonal space heating energy efficiency, average climate (%)	200	150	201	157
Water heating energy efficiency, average climate (%)	102		98	
Sound power level LWA indoors (dB)	42		44	
Rated heat output, cold climate (kW)	6		12	
Rated heat output, warm climate (kW)	6		12	
Annual energy consumption for space heating, cold climate (kWh)	2481	3287	5292	7173
Annual electricity consumption for water heating, warm climate (kWh)	1642		1709	
Annual energy consumption for space heating, warm climate (kWh)	1408	1852	2928	3999
Annual electricity consumption for water heating, warm climate (kWh)	1642		1709	
Seasonal space heating energy efficiency, cold climate (%)	211	157	208	162
Water heating energy efficiency, cold climate (%)	102		98	
Seasonal space heating energy efficiency, warm climate (%)	201	151	204	158
Water heating energy efficiency, warm climate (%)	102		98	
Sound power level LWA outdoors (dB)	N/A			

