

# NIBE S1256 ground source heat pump



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

The S1256 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.

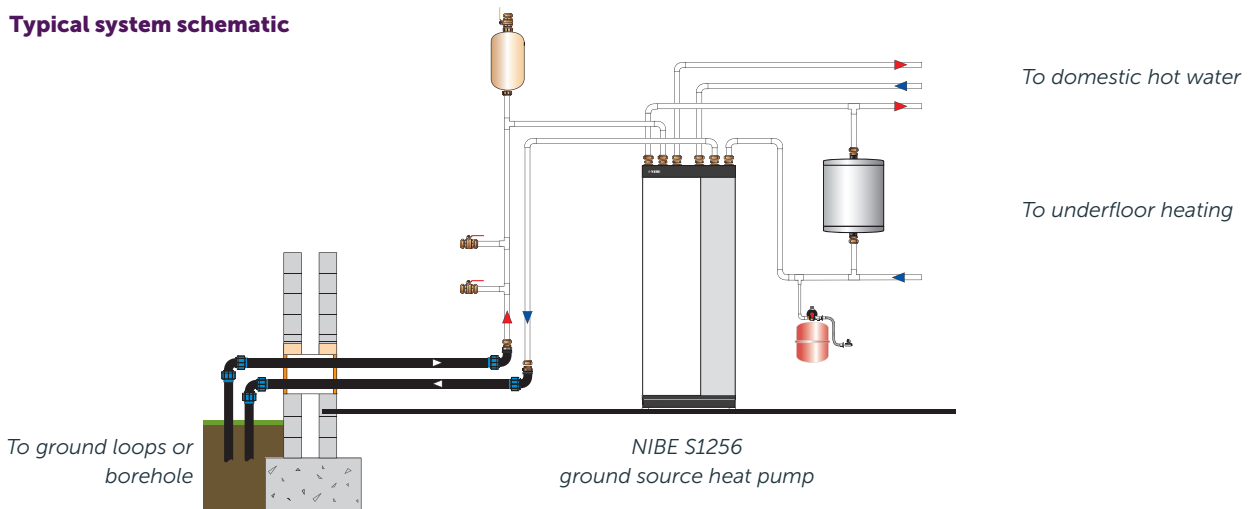
The integrated water cylinder of the S1256 is manufactured in stainless steel as standard.

The advanced S-series controller 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 S1256 has an integrated wifi connection and is also compatible with NIBE myUplink.

The controller in the S1256 heat pump is rated as Class VI 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	
<b>Model size:</b> NIBE S1256	8kW	13kW
CoP at B 0/W 35*	5.05	5.06
Net weight without water	211kg	217kg
Type of refrigerant	R454B	
Dimensions (mm)	<b>H</b> 1800 (1950 headroom required) x <b>W</b> 600 x <b>D</b> 620	
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	S1256-8		S1256-13	
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)	7.5		11	
Annual energy consumption for space heating, average climate (kWh)	2732	3637	3868	5303
Annual electricity consumption for water heating, average climate (kWh)	1331		1325	
Seasonal space heating energy efficiency, average climate (%)	219	162	227	163
Water heating energy efficiency, average climate (%)	126		126	
Sound power level LWA indoors (dB)	36		39	
Rated heat output, cold climate (kW)	7.5		11	
Rated heat output, warm climate (kW)	7.5		11	
Annual energy consumption for space heating, cold climate (kWh)	3107	4167	4423	6081
Annual electricity consumption for water heating, cold climate (kWh)	1331		1325	
Annual energy consumption for space heating, warm climate (kWh)	1765	2346	2512	3413
Annual electricity consumption for water heating, warm climate (kWh)	1331		1325	
Seasonal space heating energy efficiency, cold climate (%)	230	169	237	170
Water heating energy efficiency, cold climate (%)	126		126	
Seasonal space heating energy efficiency, warm climate (%)	219	163	226	164
Water heating energy efficiency, warm climate (%)	126		126	
Sound power level LWA outdoors (dB)	N/A			