

NEW!

NIBE 1012

Integrated
Heating
Cooling
and
Hot water



NIBE 1012

- Heat for heating system Yes
- Active cooling Yes
- Sizes Single-phase 4 kW
- Compressor Scroll
- Hot water delivery temperature 60°
- Indoor control unit Yes
- Hot water priority Yes

1012 NIBE heat pump

A liquid/air type unit installation with high technology components

The heat pump is a liquid/air type unit installation that has high technology components such as scroll compressor, speed controlled fan and hot water pump with DC motor. NIBE 1012 also has heat exchangers for producing heat, cooling and hot water for single apartments/small houses.

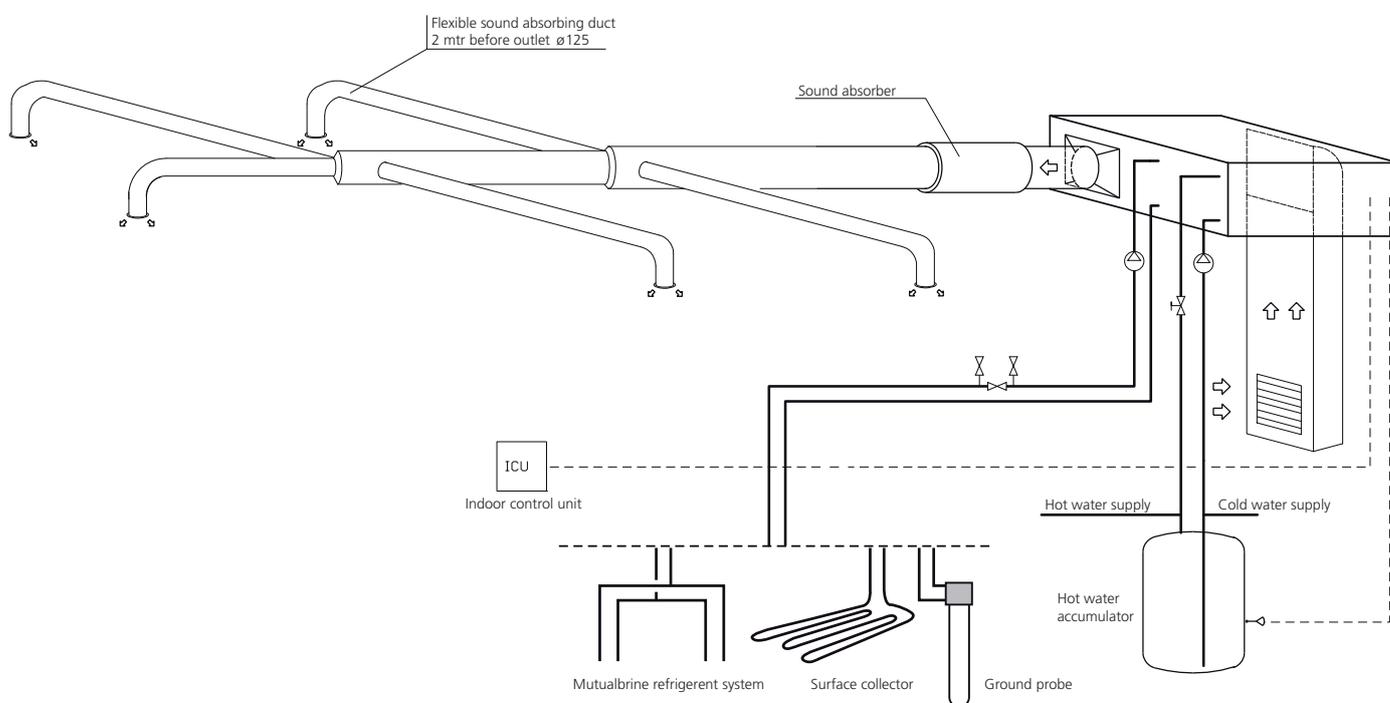
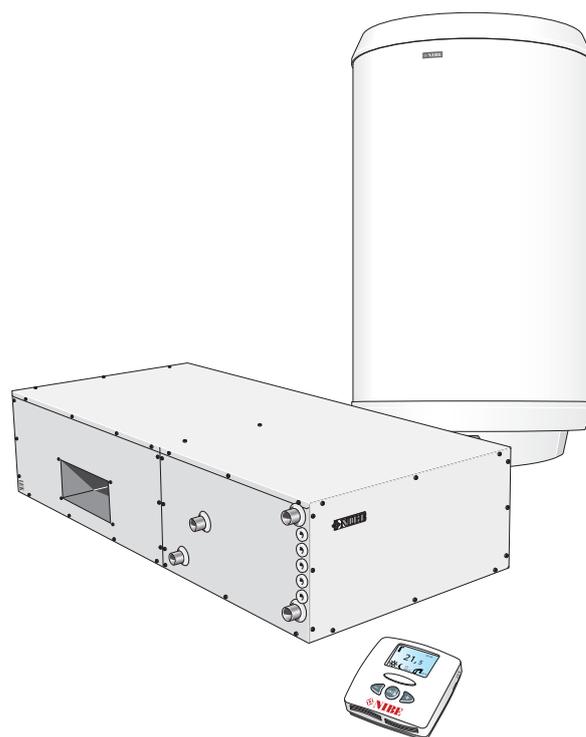
In the different operating modes (heating and cooling), NIBE 1012 retrieves and releases its energy via a water borne system that is ground, rock or air connected. The water borne system can be common to several apartments or installations. Distribution of heating/cooling in an apartment/small house occurs by air circulation via the built-in element and fan.

The advanced control system chooses between six different operating combinations and then produces heat/cooling/hot water in the most efficient way according to the demand and settings on the room's ICU. Via symbols, the user can select from different operating options, the desired room and hot water temperatures, night reduction level and periods etc.

Hot water is produced by a separate system that functions regardless of the heating /cooling demand but works in collaboration with heating/cooling for high hot water comfort.

Technical specifications NIBE FIGHTER 1012

Size	NIBE 1012-4	NIBE 1012-4, VPB-8E
Heating Delivered***/supplied power**	kW	4,3/1,18
Cooling Delivered***/supplied power**	kW	4,4/1,25
Operating voltage	(V)	1 x 230V + N + PE 50 Hz
Starting current	(A)	32
Max operating current, compressor	(A)	8
Fuse, HP only	(A)	16
Max Airflow	(m ³ /h)	900
Min Airflow	(m ³ /h)	500
Power, external circulation pumps	(W)	120
Connection Brine male Ø	(mm)	20
Connection hot-water Ø	(mm)	15
Refrigerant quantity (R407C)	(kg)	1,4
Brine flow	(l/s)	0,24
Pressure drop, evaporator	(kPa)	xx
Available pressure, brine system	(kPa)	xx
Max pressure, collector system	(bar)	6
Max pressure, heating medium	(bar)	9
Operating temperature collector system	(°C)	-5 – +30
Max temperature (Supply/return pipes)	(°C)	60/50
Cut-out value pressostat HP	(bar)	29
Difference pressostat HP	(bar)	-7
Enclosure class		IP 21
Weight	(kg)	70
Part No.	665160	665xxx



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