

HOT WATER HEAT PUMP NIBE™ F130

NEW



Features of NIBE™ F130

Scheduling hot water and ventilation

Hot water and ventilation can be scheduled for each day of the week or for longer periods (vacation).

Display with user instructions

The heat pump has a display with easy-to-understand menus that facilitate setting a comfortable hot water level

Simple troubleshooting

In the event of a fault, the heat pump display shows what happened

NIBE F130

F130 is part of a new generation of heat pumps that have been introduced to supply your home with inexpensive and environmentally friendly hot water. Hot water production is safe and economical with an external water heater and integrated control system.

F130 is equipped with a control computer to give you good comfort, good economy and safe operation. Information about status, operating time and all temperatures in the heat pump are shown on the clear display.

 **NIBE**

A

Water heating energy
efficiency class for
NIBE F130 + NIBEVPD10.

Technical data

NIBE™ F130

Output data according to EN 14 511		
Specified heating output (P _h) ¹	kW	1,42
COP ¹		3,87
Specified heating output (P _h) ²	kW	1,34
COP ²		3,13
Specified heating output (P _h) ³	kW	1,27
COP ³		2,65

Electrical data		
Rated voltage	V	230V ~50 Hz
Max operating current	A	3,5
Driving power circulation pump	W	5-20
Driving power fan	W	20-75
Min fuse rating	A	6
Enclosure class		IP 21

Refrigerant circuit		
Type of refrigerant		R134A
Volume	kg	0,38
Compressor type		Rotation
Cut-out value pressostat HP	MPa/bar	2,2/22,0

Heat pump		
Max system pressure	MPa/bar	1,0/10
Max supply temperature	°C	63
Max return temperature	°C	54
Energy class circulation pump		low energy

Air flow requirement		
Min air flow, air temperature >10 °C	l/s	25
Temperature range for compressor operation	°C	+10 - +37

Sound power level according to EN 12 102		
Sound power level (L _{WA}) ⁴	dB(A)	47

Sound pressure levels according to EN ISO 11 203		
Sound pressure level in boiler room (L _{PA}) ⁵	dB(A)	43

Pipe connections		
Hot water ext Ø	mm	22
Cold water ext Ø	mm	22
Ventilation ext Ø	mm	160
Safety valve ext Ø	mm	15
Filter box ext Ø	mm	160/125

Dimensions and weight		
Width	mm	600
Depth	mm	605
Height (excluding connectors)	mm	490 - 515
Weight	kg	50

¹⁾ A20(12)W35, exhaust air flow 180 m³/h (50 l/s), excl. drive power for fan

²⁾ A20(12)W45, exhaust air flow 180 m³/h (50 l/s), excl. drive power for fan

³⁾ A20(12)W55, exhaust air flow 180 m³/h (50 l/s), excl. drive power for fan

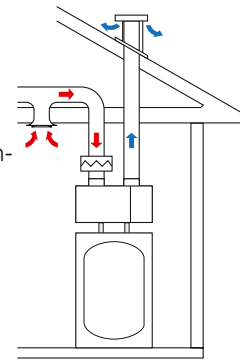
⁴⁾ The value varies with the selected fan speed. Visit www.nibe.eu for more extensive sound data including sound to channels.

⁵⁾ The value can vary with the room's damping capacity. These values apply with 4 dB of damping.

Installation alternative

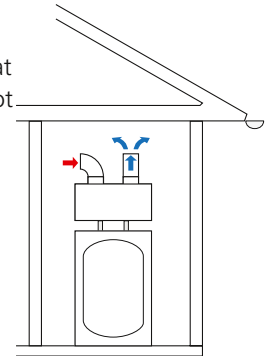
Exhaust air

With an exhaust air connection the heat in the building's ventilation air is used to heat the hot water while the house is ventilated.

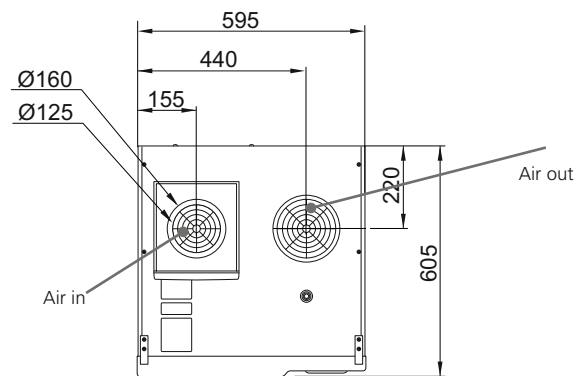


Surrounding air

With surrounding air connection the heat in the room air is used to heat up the hot water.



Air connections



Model	NIBE F130		
Type of installation	kW Ambient air		
Water tank	VPD10-130	VPD10-300	
Declared load profile	L	XL	
Water heating energy efficiency class	A	A	
Water heating energy efficiency	%	106	110
Qelec	kWh	4,40	6,90
Annual electricity consumption, AEC	kWh	967	1519
Thermostat temperature settings	°C	54	54
Sound power level LWA indoors	dB(A)	47	47

