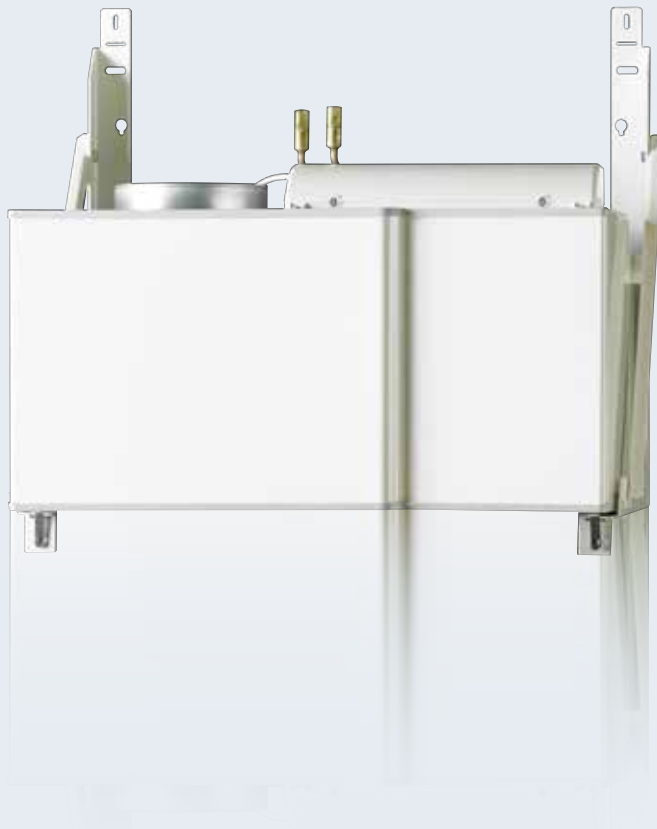


SUPPLY AIR MODULE NIBE™ SAM 40



Features of NIBE™ SAM 40

Combined with F750, it makes an excellent solution for houses with supply and exhaust air systems.

Combines preheated supply air with the significant savings that NIBE F750 gives.

SAM 40 is controlled from NIBE F750 which makes it possible to schedule the ventilation, make holiday settings etc.

The supply air temperature is adjustable between 16-52 °C.

A fixed temperature is decided, alternatively the supply air temperature changes in relation to the outdoor temperature.

Integrated frost protection function prevents the supply air coil freezing.

Easy to access filter.

High fan capacity and low noise level thanks to the low energy fan.

NIBE SAM 40

NIBE SAM 40 is a supply air module specially designed to combine recovery of mechanical exhaust air with preheated supply air. SAM 40 is designed to be docked with exhaust air heat pump NIBE F750.

The integrated fan in SAM 40 takes outdoor air and blows it out into the house via the supply air inlet. The supply air is warmed as necessary.

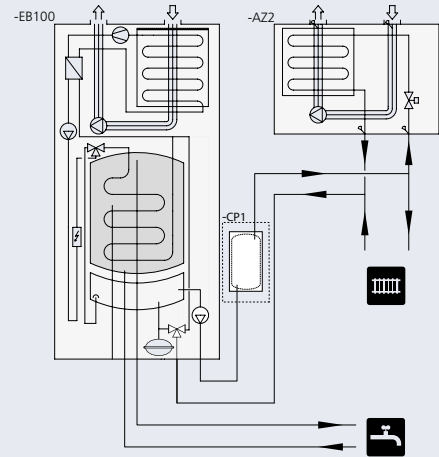
SAM 40 is mounted independently with brackets (accessory) on the wall. SAM 40 can also be located on the NIBE VPB 200 water heater.

Technical specifications

NIBE™ SAM 40

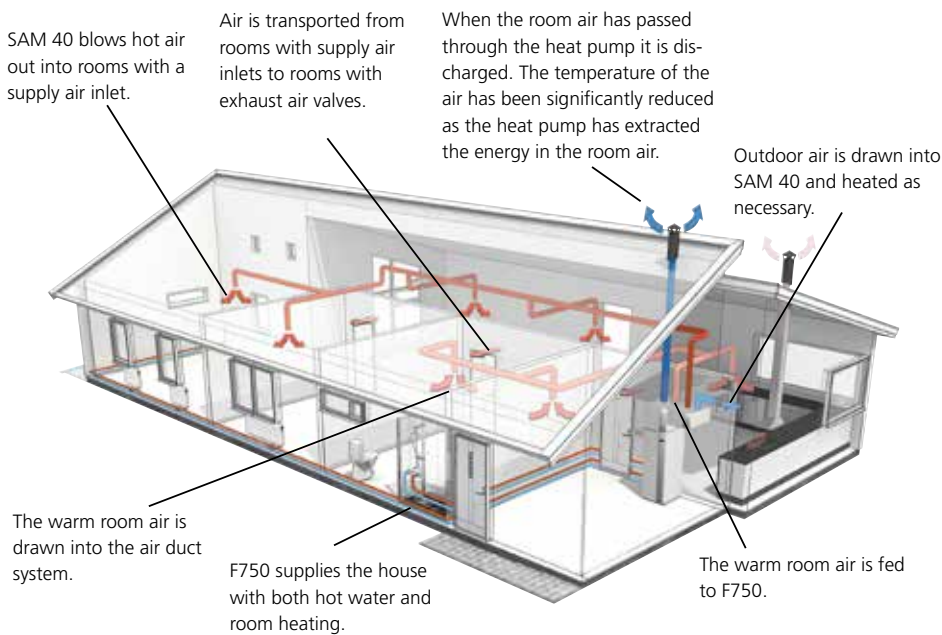
Supply voltage	V	230 V 50 Hz
Height	mm	396
Width	mm	600
Depth	mm	556
Weight	kg	31
Drive output actuator motor	W	1.5
Driving power fan	W	175
Enclosure class		IP 21
Heating medium circuit		
Min pressure	MPa/bar	0.05/0,5
Max pressure	MPa/bar	0.25/2,5
Ventilation		
Max airflow	m ³ /h	300
Sound power level according to EN 12 102		
Sound power level (L _{WA}) ¹	dB(A)	45-50
Sound pressure level in the boiler room (L _{PA}) ²	dB(A)	41-46

NIBE SAM 40 and F750

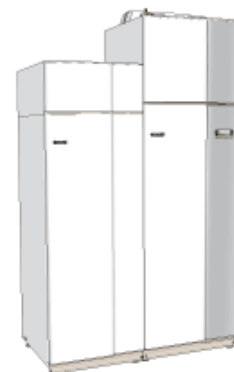


¹The value varies with the selected fan curve. Visit www.nibe.eu for more extensive sound data including sound to channels.

²The value can vary with the room's damping capacity. These values apply with a damping of 4 dB. Further information is available at www.nibe.eu.



Installation of NIBE SAM 40 and NIBE F750



Installation of NIBE SAM 40, NIBE VPB 200 and NIBE F750

