

Control Module NIBE™ SMO 10 Be in control



Features of NIBE™ SMO 10

Simple to install.

Gives optimised control of one or more air/water heat pumps and the existing heating installation.

Controls the heating installation using a degree minute calculation.

Clear display of the heat pump and heating system's essential temperatures.

Load monitor included.

The control can manage heating a pool.

It is possible to connect an extra shunt group, that is two heating systems with different flow temperatures.

Prepared for docking of air/water heat pump to exhaust air heat pump.

NIBE SMO 10

SMO 10 is an intelligent control module that, together with one or more NIBE air/water heat pumps and existing heating and hot water equipment, creates a complete unit.

SMO 10 can be used for a number of different connection solutions. The base is a heat pump that can in turn be docked to an electric boiler, oil fired boiler and accumulator tank/water heater such as NIBE VPA. At www.nibe.co.uk there are more system solutions with SMO 10.

SMO 10 controls up to nine air/water heat pumps (of which max one for hot water), electric heater, circulation pump, mixing valve, etc. NIBE F2015 or NIBE F2025 works with floating condensing against the heating system and prioritises hot water charging via the three way valve.

Technical specifications

NIBE™ SMO 10

Max number of heat pumps		9
Max number of sensor		14
Max number of charge pumps		1
Max number of circulation pumps (heating system)		2
Supply voltage		230 V 50 Hz
Enclosure class		IP 21
Outgoing relay outputs		230 V 50 Hz (Max 2.5 A)
Height	(mm)	405
Width	(mm)	406
Depth	(mm)	151.5
Weight	(kg)	7

Docking options

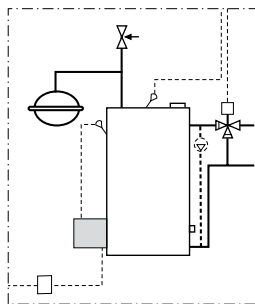
NIBE F2015/F2025 docked to oil-fired boiler or electric boiler together with NIBE SMO 10 and water heater.

The heating medium side and the hot water side must be fitted with the necessary safety equipment in accordance with the applicable regulations.

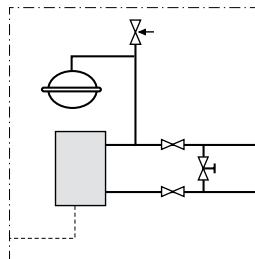
Note! This is an outline diagram. Actual installations must be planned according to applicable standards.

The principle below requires accessories. SMO 10 does not include valves, pumps etc.

Oil-fired boiler or electric boiler with shunt



Small electric boiler



Remote heating

