

## CONTROL MODULE NIBE™ SMO 20 / SMO 40

Intelligence control module



### Features of NIBE™ SMO 20/40

**Heating, cooling, pool heating step controlled extra heat source**

**Controlled charge pump as accessory from NIBE**

**Clear information about status, operating time and all temperatures in the system is shown on the large and easy-to-read display**

**Multicolour display with user instructions and multilingual support**

**NIBE SMO is compatible with NIBE Uplink**

### NIBE SMO 20/40

SMO 20/40 is an advanced, intelligence control module equipped with the new generation controller for good comfort, good economy and safe operation. Clear information about status, operating time and all temperatures in the system is shown on the large and easy to read display.

SMO 20/40 supports a broad range of different hydraulic schemes. The SMO 20/40 enables you to combine NIBE air/water heat pump with other equipment and create your own customized heating system. SMO 40 can control as many as eight heat pumps together in the same system.

SMO 20/40 together with NIBE heat pumps works smoothly in variety ways. For example;

- Connected to another heating source such as gas, oil, electricity or district heating.
- Connected to a NIBE water heater for the size required to meet your domestic hot water needs.
- If you have a swimming pool, the SMO 40 can connect your heat pump to your pool and heat that too.
- Systems controlled by the SMO 40 can also incorporate solar panels, enabling you to use solar energy as a complementary heat source when available

Please visit [www.nibe.eu](http://www.nibe.eu) for further information.

 **NIBE**

## System description

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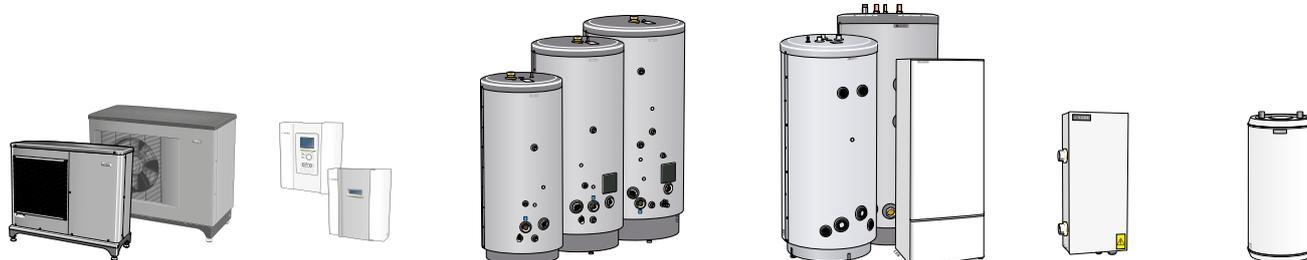
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## Overview NIBE SMO 20/40

Model	Dimension mm (WxHxD)	Weight kg	Compatible outdoor units	Max no. of heat pumps	Addition before or after three way valve	Room unit RMU 40	Swimming pool	Step control addition	Shunt control addition	Load monitor (3x400V)	Max No. heating systems
NIBE SMO 20	360x410x120	4	F2030, F2040, F2300	1	Both possible	–	–	YES	NO	–	1
NIBE SMO 40	360x410x120	5	F2030, F2040, F2300	8	Both possible	YES	YES	YES	YES	YES	8

NIBE SMO 20/40 can be connected in several different ways. Further option information is available at [www.nibe.eu](http://www.nibe.eu) and in respective assembly instructions for the accessories used.

## System solutions



Outdoor unit	Controller	Domestic hot water		Energy back up	Buffer vessel
		Double jacket cylinder	Coil cylinder		
NIBE F2030 - 7 kW	NIBE SMO 20 NIBE SMO 40	NIBE VPA 300/200 NIBE VPA 450/300 NIBE VPAS 300/450	NIBE VPB 200	ELK Oil boiler Gas boiler	NIBE UKV 100 NIBE UKV 200 NIBE UKV 300
NBIE F2030 - 9 kW			NIBE VPB 300		
NIBE F2040 - 8 kW			NIBE VPB 500		
NIBE F2040 - 12 kW			NIBE VPB 750		
NIBE F2040 - 16 kW			NIBE VPB 1000		
NIBE F2300 - 14 kW		NIBE VPB 500/750/1000			
NIBE F2300 - 20 kW		NIBE VPA 450/300 NIBE VPAS 300/450	NIBE VPB 750 NIBE VPB 1000		

