

## FLEXIBLE INDOOR MODULE NIBE™ VVM 500

For NIBE monoblock air/water heat pumps



### Features of NIBE™ VVM 500

For large houses or buildings with 2–3 apartments that requires high hot water performance.

Simple connection and control of external heat source (wood/oil/electric/gas/solar).

Possibility to connect a prioritized heating source i.e. using the energy from wood fired boiler when available.

NIBE air/water heat pumps together with VVM 500 make up a complete installation for heating and hot water.

Support for cooling in combination with F2040

A new generation control module with a colour display and several new functions

Built-in step controlled electric addition

Integrated buffer tank for the heating system

Hot water coil made of stainless steel

Weather compensated flow line temperature controller.

Built-in shunt valve to handle temperature variations of connected external heat sources

Self-regulating, speed controlled, circulation pumps of lowest energy design

Load monitor as standard

NIBE Uplink compatible

### NIBE VVM 500

NIBE VVM 500 is a flexible indoor module and together with the NIBE's air/water outdoor modules creates a complete system to meet the building's heating and hot water demand.

NIBE VVM 500 can receive energy from several different sources, for example from the NIBE F2300, F2030 and F2040 outdoor heat pumps.



**A++**

Energy efficiency class  
package label for  
NIBE F2300 + VVM 500

# Technical specifications

## NIBE™ VVM 500

Type	NIBE VVM 500	
Height	(mm)	1 900
Required ceiling height	(mm)	2 000
Width	(mm)	763
Depth	(mm)	900
Weight	(kg)	240
Low energy load circ pump		yes
Low energy heating circ pump		yes
Volume	l	500
Buffer vessel for heating		yes
Solar coil		yes
Immersion heater	(kW)	9
Voltage	(V)	3 x 400
<b>Package label F2300 + VVM500</b>		<b>20 kW</b>
Efficiency class / Pdesign (55 °C)		A++/17,3 kW
Efficiency class / Load profile (Hot water)		A/XXL

### NIBE VVM 500

Prepared for connection of all types of external heat sources. The connected external energy sources can be used both as normal supplementary heating source and as prioritized heating source i.e. using the energy from wood fired boiler when available.

A solar coil for easy connection of thermal solar panels is also included in the VVM 500.

### NIBE VVM 500 + NIBE air/water heat pump

NIBE VVM 500 and NIBE's air/water heat pumps offer complete flexibility. The indoor unit takes care of your hot water demand and ensures that the correct heating power is delivered to your heating system in the most efficient way. Heat production is reliable and economical with integrated hot water coil, circulations pumps, control system and electrical addition. VVM 500 is prepared for pool heating, solar panels, cooling and other, both prioritized and normal, external heat sources.

