

NIBE™ SOLAR VVM 500 FP215 P / PL

NIBE premium solar packages
for NIBE VVM 500 Indoor module

NEW



Features of NIBE Solar VVM 500 FP215 P / PL

Solar system tailored for optimum performance with VVM 500 and NIBE 2300 or NIBE 2026 air/water heat pumps

Lightweight, high-efficiency panels

Easy-to-handle panels with quick connections.

Solar controlling function integrated into VVM 500.

Function for priority of solar energy

NIBE Solar VVM 500 FP215 P / PL

This series of solar packs are available with either vertical or horizontal collectors.

The solar pump station has a low-energy solar pump, de-aerator, thermometers, adjusting valve, safety valve, pressure gauge, isolating valves and double check valves.

Also included are a solar expansion vessel and a wall bracket with a two-way check valve for easy servicing.

All necessary sensors are included.

This system will enable you to enjoy free energy from the sun for many years.

We wish you a sunny future!

Technical specifications

NIBE™ FP215 P / PL Solar panel

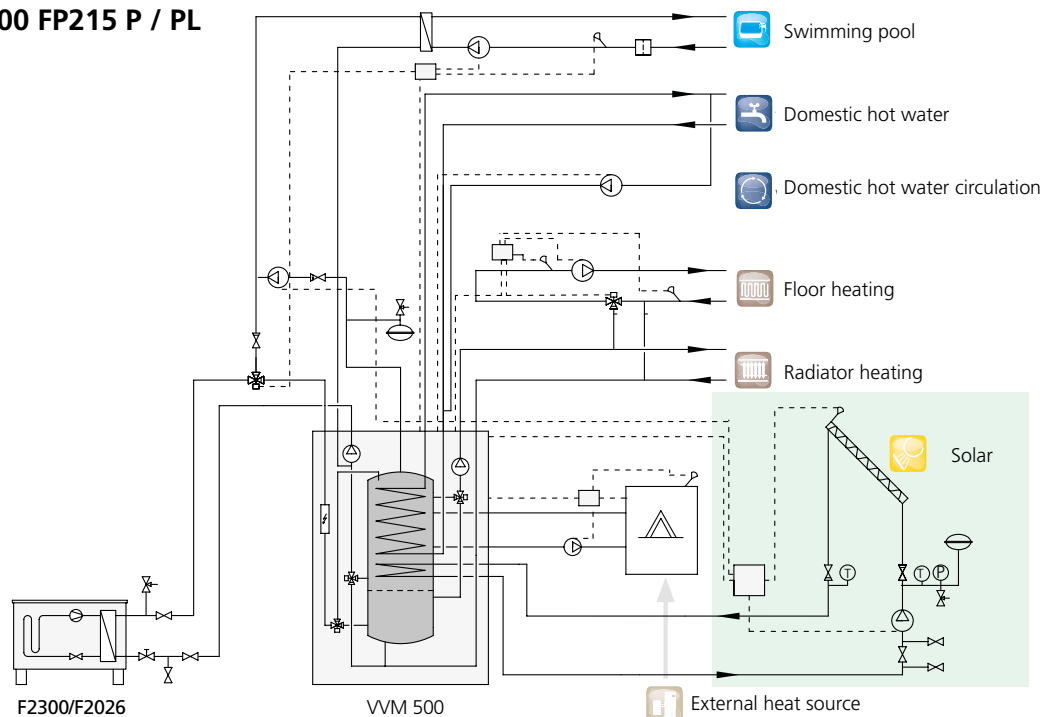
Solar panel		FP215 P	FP215 PL
Article number		057001	057002
Dimensions	mm	2088 x 1030 x 81	
Gross area	m ²	2.15	
Aperture area	m ²	1.91	
Glass thickness	mm	3.2	
Glass structure		Low-iron, tempered solar safety glass	
Collecting pipe diameter	mm	22	
Serpentine tube diameter	mm	10	
Weight	kg	32.5	33
Collector frame		black anodized	
Absorber type		serpentine pipe, Blue highly selective absorber coating	
Optical efficiency	%	80.6	82.3
Top insulation		20 mm mineral wool	
Bottom insulation		20 mm PIR sandwich insulation	
Filling volume	litres	1.65	2.32
Heat transfer medium		Propylene glycol or water in drain-back applications	
Maximum operating pressure	bar/MPa	10	
Maximum stagnation temperature	°C ¹⁾	191.2	

1) At an irradiation of 1000 W/m² and 30 °C ambient temperature

Recommended accessories, not included

- ** Roof fixing details for different types of roofs
- ** Preinsulated flexible solar pipes, easy to split and including sensor cable, 10, 15, 20 or 25 metres
- ** Roof penetration unit

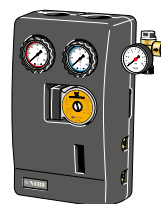
Hydraulic principle for NIBE Solar VVM 500 FP215 P / PL



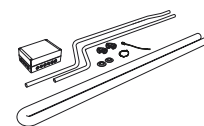
* Main Solar components included in the solar package



NIBE solar Panels
NIBE Solar FP215 P / PL
* Art no 057001 (P)
* Art no 057002 (PL)
(2 – 5 pcs)



NIBE Solar pump station
SPS10
* Art no 057027
(1 Pcs)



NIBE Accessory for integrated solar docking
SCA 30
* Art nr 067 179

Other components included in this solar package are:

Expansion vessel, quick fittings / compensators, solar glycol.

NIBE Solar packages:

NIBE Solar VVM 500 FP215 P2 package	art no 057102
NIBE Solar VVM 500 FP215 P3 package	art no 057103
NIBE Solar VVM 500 FP215 P4 package	art no 057104
NIBE Solar VVM 500 FP215 P5 package	art no 057105
NIBE Solar VVM 500 FP215 PL2 package	art no 057106
NIBE Solar VVM 500 FP215 PL3 package	art no 057107
NIBE Solar VVM 500 FP215 PL4	art no 057108
NIBE Solar VVM 500 FP215 PL5	art no 057109

Our guidance for this system is:

1 – 2 persons = 2 collectors, 3 – 4 persons = 3 collectors, 5 – 6 persons = 4 collectors, 7 – 9 persons = 5 collectors

Please consult your installer or sales contact when deciding suitable size for your solar pack.