

NIBE™ SOLAR FOR COIL FP215 P  
NIBE premium solar packages for  
solar cylinders with internal solar coil.

NEW



## Features of NIBE Solar for COIL FP215 P

**Solar system tailored for optimum performance  
with almost every solar cylinder with an internal solar coil.**

**Lightweight, high-efficiency panels.**

**Easy-to-handle panels with quick connections.**

**MCS Approved**

**RHI Compliant**

## NIBE Solar for COIL FP215 P

The P (portrait) panel is mounted vertically.

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 Solar panel

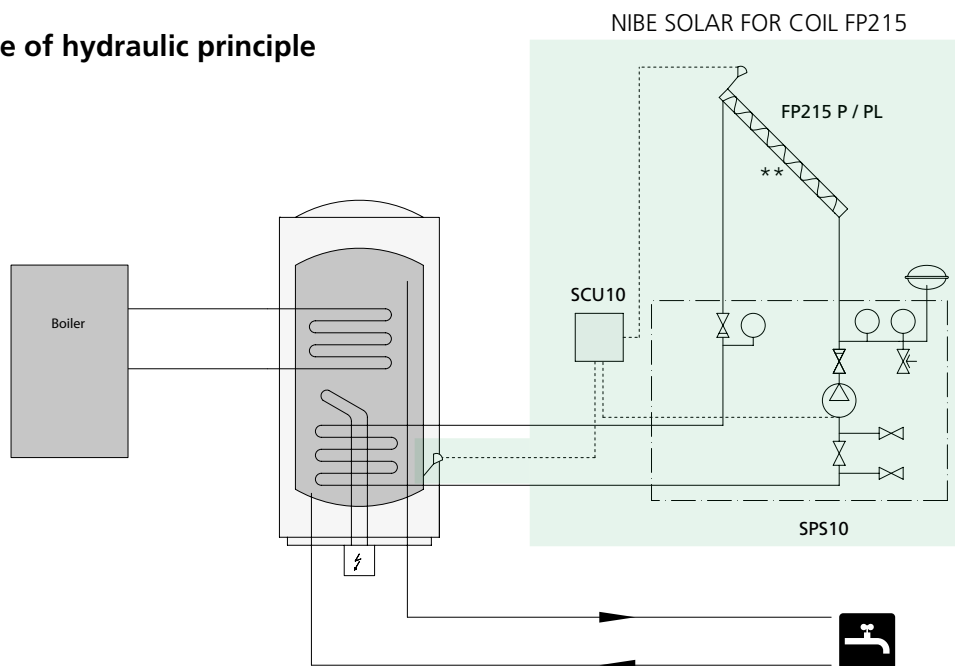
Solar panel		FP215 P
Article number		057001
Dimensions	mm	2088 x 1030 x 81
Gross area	m <sup>2</sup>	2.15
Aperture area	m <sup>2</sup>	1.91
Glass thickness	mm	3.2
Glass structure	Low-iron, tempered solar safety glass	
Collecting pipe diameter	mm	22
Serpentine tube diameter	mm	10
Weight	kg	32.5
Collector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

1) At an irradiation of 1000 W/m<sup>2</sup> 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

### Example of hydraulic principle



### NIBE Solar packages:

NIBE solar for COIL FP215 P2 package art  
NIBE Solar for COIL FP215 P3 package

no 069075  
art no 069073

### \* Main Solar components included in the solar package



NIBE Solar Panels  
NIBE Solar FP215 P  
\*Art no 057001  
(2 or 3 pcs)



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



NIBE Solar Controller unit  
SCU10  
\*Art no 518467  
(1 Pcs)

### Other components included in this solar package are:

Expansion vessel, quick fittings / compensators, solar glycol.