

# NOVASOL MONO 6613 WITH CONTROLLER

ART. 6613



## Function

The NOVASOL MONO 6613 solar circulation group is designed to ensure the correct flow rate and adequate head of the heat transfer fluid in solar panel systems. Comprising the return line of the solar circuit, the group not only performs its basic function but also includes additional features such as thermometers, a non-return valve, safety functions, flow rate reading and adjustment, and a control unit. Its special, compact, and functional design allows for the pre-assembly of a control group.

## Technical data

Nominal diameter	DN15
Max. pressure	6 bar safety valve
Max. working temperature	130° - 150° peak
Min. working temperature	+5°
Liquid	Water-water+glycol max 50%
Thermometer	0-160°C
Check valve opening	$\Delta P: 2 \text{KpA} (200 \text{mm approx.})$
External dimensions	460x205x170 mm
IP protection grade	IPX0D
Expansion vessel connection	3/4" M*
Fill connection	3/4" M - hose connection $\varnothing 15 \text{ mm}$
Pump	Grundfos UPM3 Solar ERP Ready
Pump connections	1" M / 1"½ M - 130 mm*
Max. flow rate	720 l/h**
Electrical consumption	230V - 50Hz

\* Other values on request \*\* ref. with residual pressure 2 m.c.a.

Without control unit window on the lid  
Circulator center distance: 130mm - G 1"

## Attacks available

Olive connection 15 - 18 - 22  
3/4" M - 3/4" F - 1" M - 1" F

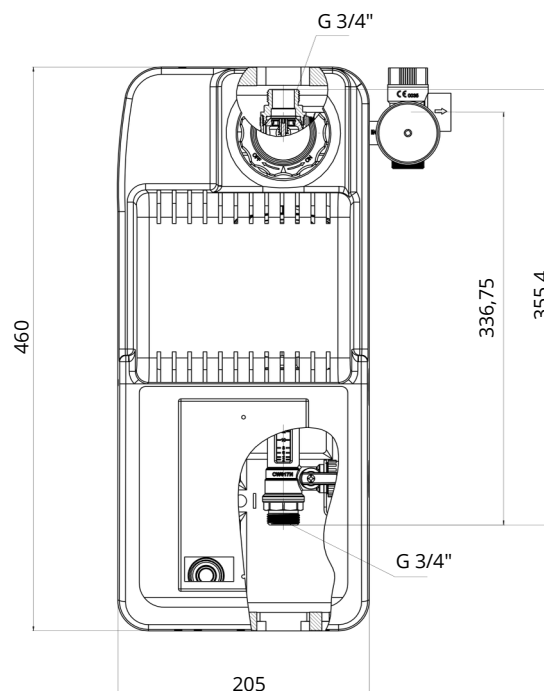
## Flow meters

1-6, 2-12, 8-28, 8-38 l/min.

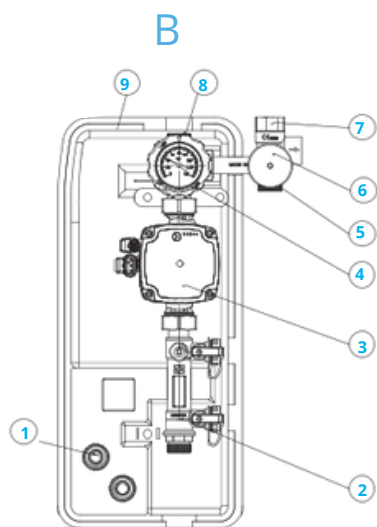
## Materials

Insulation	EPP
Circulators	Cast iron
Components	Brass/CW617N

## Dimensions



## Composition



- 1) Filling/drain hose connector
- 2) Flow meter with system filling/drain function
- 3) Circulator
- 4) Return valve with thermometer
- 5) Non-return valve
- 6) Expansion vessel connection
- 7) Pressure gauge
- 8) Solar safety valve
- 9) Insulating cover

- A) /
- B) Collector field return
- C) /
- D) Tank return

## Accessories



### FLOW METER

FLOW METER 1490  
(Cod.10405595)



### SAFETY KIT 3098/N

SAFETY KIT  
(Cod.C0105110)



### GRUNDFOS SOLAR PUMP

SOLAR PUMP 15-75-130  
(Cod.R0105078)



### SOLAR PUMP STATION CONTROLLER

Resol CS4 Control unit  
(Cod. CF105184)

## Certifications

Product compliant with:  
- EN 16297-2 / EN 16297-3:2012 ErPReady  
- PED Directive - 2014/68/EU

