

# NOVASOL MONO 6613

ART. 6613



## Function

The NOVASOL MONO 6613 solar circulation group is capable of ensuring 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 integrates additional features such as thermometers, a check valve, safety functions, and flow rate reading/regulation. Its special, compact, and functional design also allows for the pre-assembly of a control group resol.

## Technical data

Nominal diameter	DN15
Max pressure	Safety valve 6 bar
Max working temperature	130° - 150° peak
Min working temperature	+5°
Fluid	Water-water+glycol max 50%
Thermometer	0-160°C
Check valve opening	ΔP: 2KpA (200mm approx.)
External dimensions	460x205x170 mm
Protection class	IPX0D
Panel side connection	3/4" M*
Boiler side connections	3/4" M*
Expansion vessel connection	3/4" M*
Filling/Drain Connection	3/4" M - hose connection Ø15 mm
Flow meter adjustment range	2 - 12 l/min*
Circulator	Grundfos UPM3 Solar 15-70 ERP ready*
Circulator connections	1" M / 1 1/2" M - 130 mm*
Max flow rate	720 l/h**
Power supply	230V - 50Hz

\* Other values available upon request

\*\* Ref. with residual pressure 2 m.c.a.

Without control unit window on the cover

Circulator center distance: 130mm - G 1"

## Available connections

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

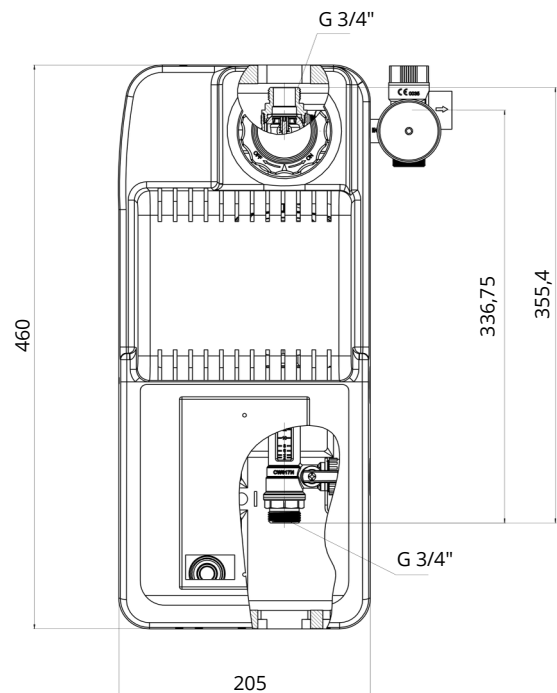
## Flow meters

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

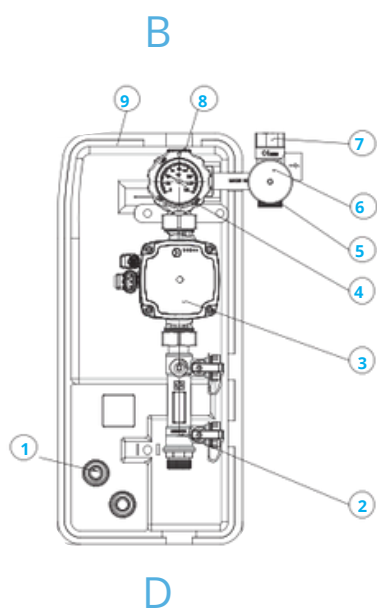
## Materials

Circulator	EPP
Insulation	Cast iron
Components	Brass/CW617N

## Dimensions



## Composition



- 1) Hose connector for filling/drain
- 2) Flow meter with filling/drain system
- 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

## Certifications

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



## Accessories



**FLOWMETER**  
FLOW METER 1490  
(Cod.10405595)



**SAFETY KIT 3098/N**  
SAFETY KIT  
(Cod.C0105110)



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