NOVASOL MONO 6610

ART. 6610

Function

The NOVASOL MONO 6610 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 compact and functional design makes it easy to install and highly reliable.

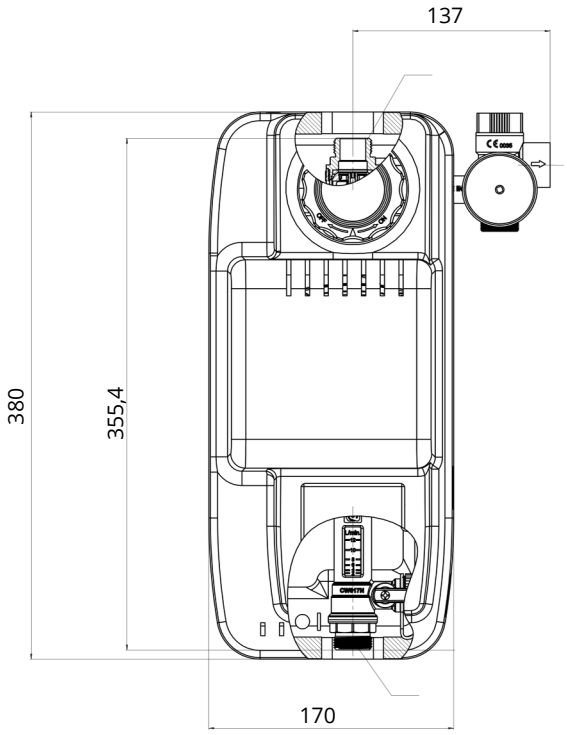
Technical data

Nominal diameter	DN15
Max pressure	Safety valve 6 bar
Max operating temperature	130° - 150° peak
Min operating temperature	+5°
Fluid	Water-water + glycol max 50%
Thermometer	0-160°C
Check valve opening pressure	Δ:2kPa(200mm approx.)
Overall dimensions	380x170x170 mm
Protection rating	IPX0D
Panel side connection	1" M
Storage tank side connections	1" M
Expansion vessel connection	3/4" M
Filling/drain connection	3/4" M – hose connector Ø15 mm
Flow meter adjustment range	1 - 6 l/min
Circulator	Grundfos UPM3 Solar 15-70 Erpready
Circulator connections	1" M – 130 mm
Power supply	230V – 50Hz

Materials

Insulation	EPP
Circulators	Cast iron
Components	Brass/CW617N

Dimensions



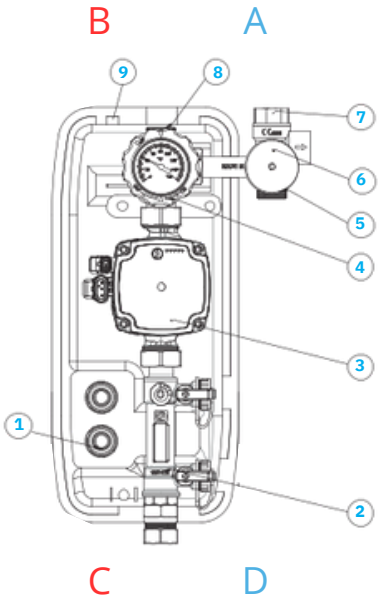
Available connections

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.

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) Collector field flow
B) Tank return

Certifications

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

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)