



Function

The NOVASOL DUO 6600 solar circulation unit ensures the correct flow rate and adequate head pressure of the heat transfer fluid in solar panel systems. Comprising the supply and return branches of the solar circuit, the unit not only provides the basic functionality but also integrates additional features such as thermometers, a non-return valve, safety functions, flow rate reading/regulation, and a manual air vent. Its special compact and functional design also allows for the pre-installation of the SEITRON control unit, model ELIOS 25.

Technical data

Nominal Diameter	DN15
Maximum Pressure	Safety Valve 6 bar
Maximum Operating Temperature	130° - 150° peak
Minimum Operating Temperature	+5°
Fluid	Water-water+glycol max 50%
Valve	DN20
Thermometer	0-160°C
Op. Pressure Non-Return Valve	$\Delta P: 2 \text{KpA (approx. 200mm)}$
Overall Dimensions	460x205x170 mm
Protection Rating	IPX0D
Panel Side Connection	3/4" M
Storage Tank Side Connections	3/4" M
Expansion Vessel Connection	3/4" M
Filling/Drain Connection	3/4" M - Hose connection $\varnothing 15 \text{ mm}$
Flow Meter Adjustment Range	2 - 12 l/min
Circulator Pump	Grundfos UPM3 Solar 15-70 Erp ready
Circulator Connections	1" M / 1 1/2" M - 130 mm
Maximum Flow Rate	720 l/h
Power Supply	230V - 50Hz

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

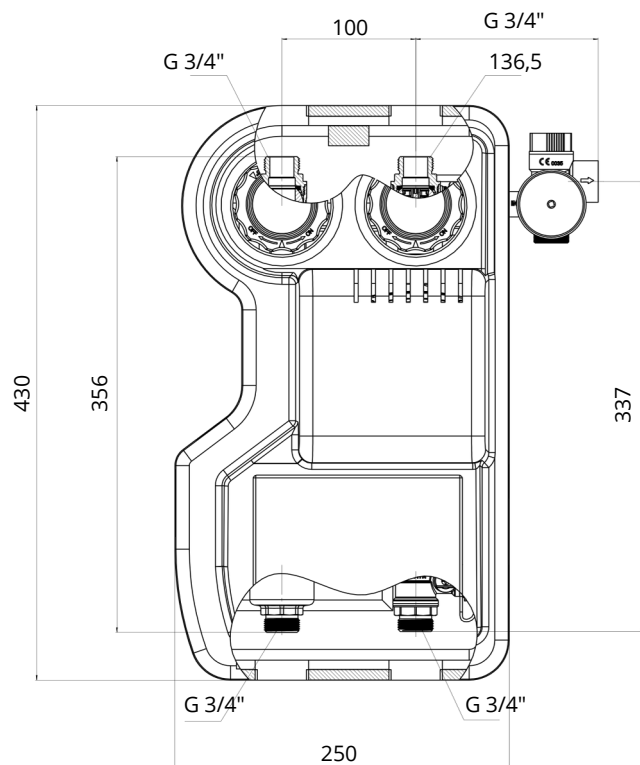
Flow meters

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

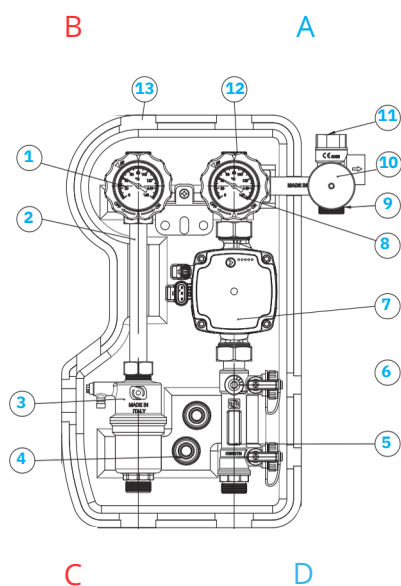
Materials

Pipes	Copper
Insulation	EPP
Circulators	Cast iron
Components	Brass/CW617N

Dimensions



Composition



- 1) Supply valve with thermometer
- 2) Supply pipe
- 3) Manual air vent
- 4) Hose connection for filling/draining
- 5) Flow meter with filling/draining system
- 6) Adapter for circulator 130mm
- 7) Circulator pump
- 8) Return valve with thermometer
- 9) Non-return valve
- 10) Expansion vessel connection
- 11) Pressure gauge
- 12) Solar safety valve
- 13) Insulating cover

- A) Collector field flow
- B) Collector field return
- C) Tank flow
- 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)