

APS 010 mobile unit for washing and loading solar thermal system

Technical description

APS 010 is designed for washing solar plants with use of products based on glycol.

The machine combines the washing function of solar system with loading function and pressurizing them, using a high prevalence vane pump.

The appliance isn't suitable to work with alimentary and aggressive fluid.

The machine is supplied fully assembled and wired: it's hydraulically and electrically tested.

Application

**Washing and cleaning solar thermal and radiant system used in maintenance and riqualifica-
tion energy.**

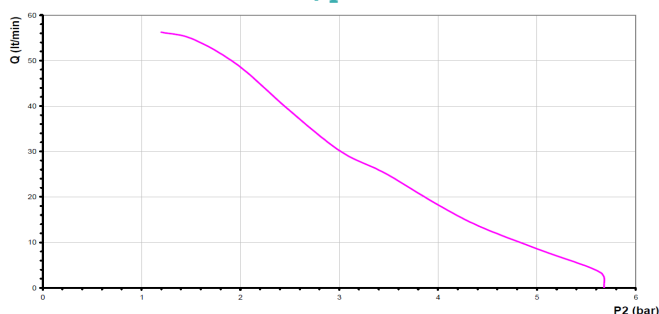
Washing and pressurizing solar thermal system with use products based on ethylene glycol

General technical data

PE tank	: 50 lt.
Capacity pump	: 56 lt./min
Type of pump	: valve pump
MAX prevalence	: 5,65 bar
Integrated By-pass pump	: settable
Electrical protection pump	: IP 45

Hydraulic couplings diam.	: 3/4"
Manometro diam. 63 mm B. glicerina	: sc. 0-16 bar
Three-way valve attacks	: 3/4"
MIN temperature glycol fluid	: -5° C.
MAX temperature glycol fluid	: 35° C.
Mains supply	: 230 V.50 Hz

Flow chart/prevalence



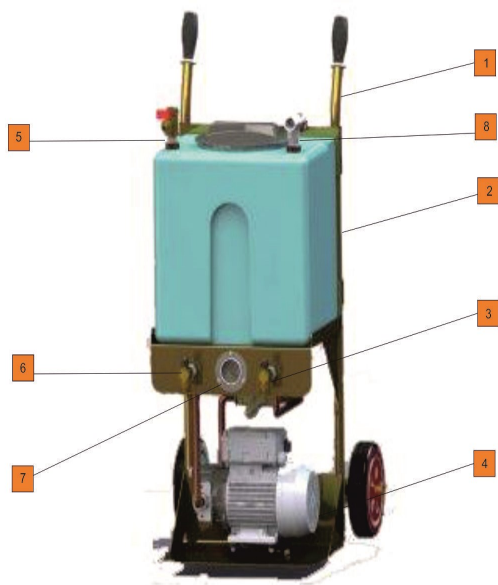
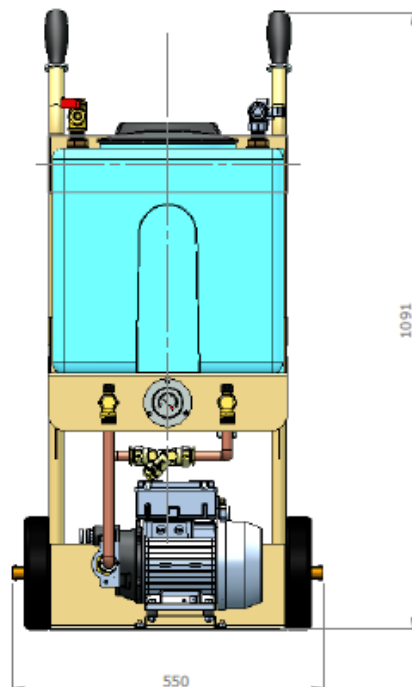
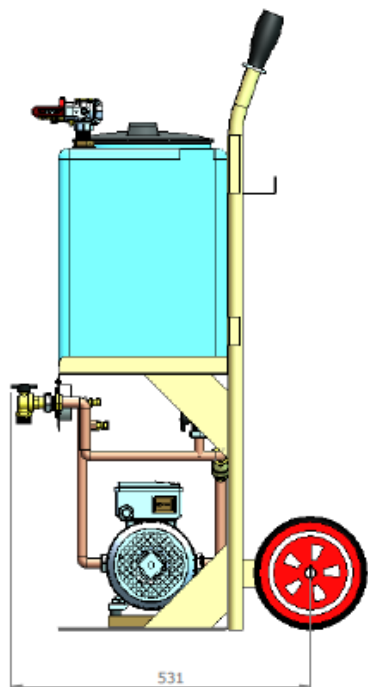
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Description of the main components installed

- 1- Metal frame painted
- 2- Polyethylene tank 30 lt
- 3- Return Shut-off valve
- 4- Vane pump
- 5- Network attack with gasket
- 6- Supply Shut-off valve
- 7- Pressure gauge
- 8- Diverter valve

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