

Thermosifon XOMO



MANUAL OF HYDRAULIC CONNECTION AND MOUTING

GENERAL SAFETY RULES

Before using the collector should read manual and the installation instruction of the collector, and heating instruction of whole system.

User manual and installation is part of the collector, the knowledge of instruction and principles described in it may prevent further accidents

Be especially careful when connecting and removing the collector to and from devices cooperating with him (pay attention on the children)

During assembly and disassembly of the collector all the devices for supporting, protecting and ladders should be placed on hard ground and in position for safe operation

Before disassembling the collector must wait until the temperature drops to a temperature at which the burn can not occur

During installation, the collector should be paid attention to the crushing of

Before use, inspect the condition of the collector and connection components

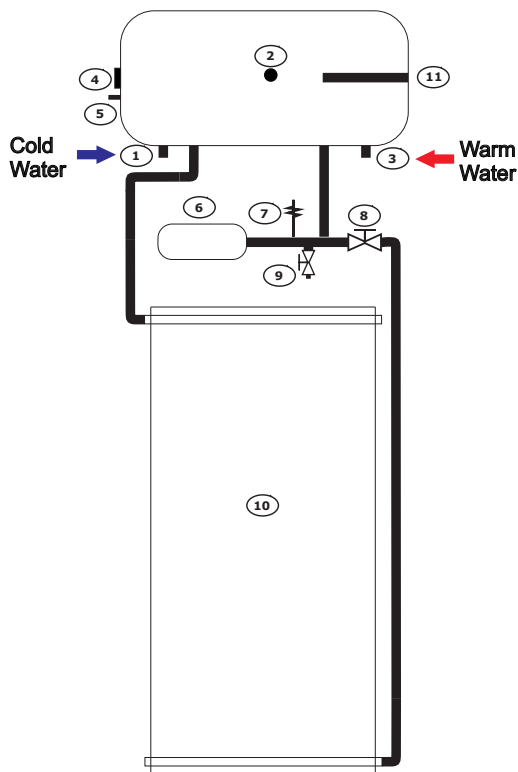
In order to protect equipment against lightning collector can be connected to ground lightning, or perform grounding, which should be connected with rail protection

It should include all applicable national regulations, particularly regarding:

- It should include all roof load
- assembly work on the roof
- connection of solar heating systems
- electrical work
- implementation of lightning protection systems
- after pressure testing and flushing of the solar collector by water, in the device may still be water. Therefore, it is necessary to quickly fill with fluid solar installations recommended by the manufacturer of the collector

When freezing temperatures threaten to factor in the collector is not allowed to leave the installation of clean water, install vent at the highest point of the installation

When moving collector to the means of transport by means of a lift, being bystanders in the area is prohibited

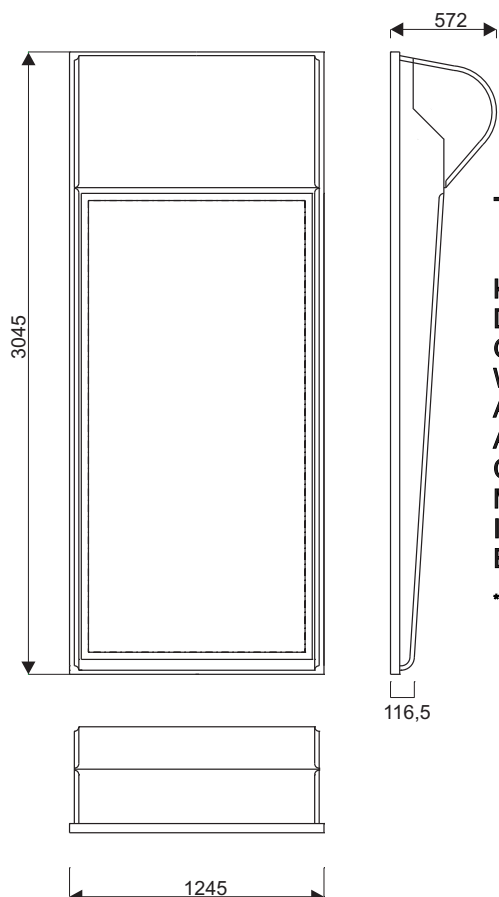


1. SUPPLY OF COLD WATER 3/4"
2. AIR-ESCAPE 1/2"
3. CONSUMPTION OF WARM WATER 3/4"
4. PLACE FOR ELECTRICAL RESISTANCE 1 1/2"
5. SENSOR 1/2"
6. EXPANSION TANK
7. SAFETY VALE 6bar
8. THERMOSTATIC VALVE FOR CONFIGURATION OF WATER TEMPERATURE
9. TRIGGER VALVE OF SOLAR CIRCULATE
10. ABSORBER
11. MAGNESIUM ANODE

To connect Xomo with water piping you have to supply cold water to terminal 1 and you have to collect. warm using water by terminal 3.
Before putting cover of deposit you have to choose temperature on the thermostatic valve.

To fill solar installation to fill the filling station to connect the valve 9 (press hose). The fluid is pumped into the solar system, while the venting is done through a vent 2 located on the tank shell.

Filling the system must be conducted so long as air is expelled from the system. When you reach this state, then the screw vent 2 and complement the installation of pressure 3bar. After reaching the required pressure filling valve screw 9.

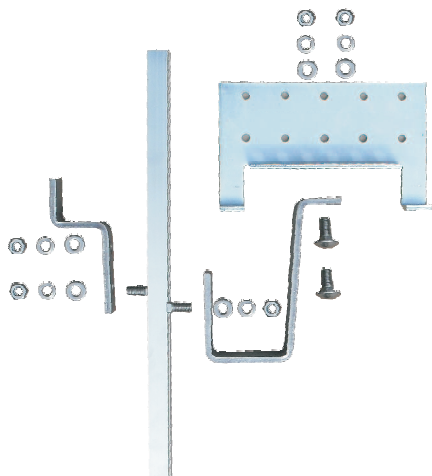


TECHNICAL DATA

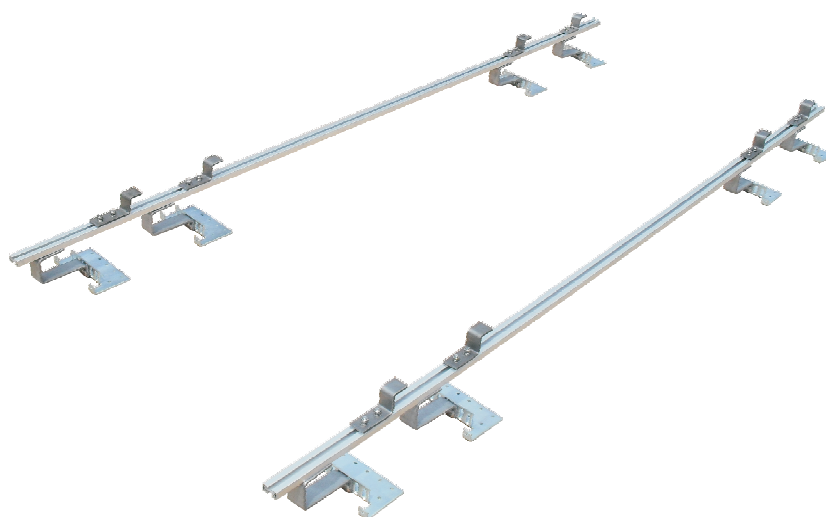
KIND OF COLLECTOR	THERMOSIFON
DIMENSION	3045x1245x572 mm
GROSS AREA	3,79
WEIGTH	300 kg
ABSORBER	TiNOX®
AREA	2,17 m ²
CAPACITY OF DEPOSIT	120 l
MAX WORKING PRESSURE OF DEPOSIT	6 bar
ISOLATION POLYURETHANE FOAM	20 mm
EFFICIENCY OF HEATING COAT*	17,2 kW

* TEMPERATURE OF HEATING FACTORY 70°C, TEMPERATURE OF SUP. WATER 10°C, TEMPERATURE OF W.R.W. 45°C

Mounting typical clamps to the roof.



Fix aluminum beams on clamps.



Place the collector on the hitch (horizontal beams on frame of collector should drop in the hitches). Collector should be placed nearby above hitches and should be lowered parallel to tract of roof.

