



Installation and operating instructions

SPS 03 - Stainless steel solar shower column – capacity 60 l

BASIC TECHNICAL INFORMATION

Water inlet	G 1/2"
Capacity of reservoir	60 l
Water pressure	0,1 – 1,0 MPa
Water flow	approx. 10 l/min.
Dimensions	200 x 250 x 2070 mm
Website	SPS 03

Intended use

- SPS 03 is a stainless-steel shower-pillar utilising solar energy for water heating. The cylindrical part of the pillar is painted in black to increase the water heating efficiency. Thus the shower shall be located in a place with as much sunshine during the day as possible, and with the rear part directed southwards.
- Temperature and flow rate of outgoing water may be regulated with a valve located on the front side of the pillar.

Installation

Requirements for setting up the construction

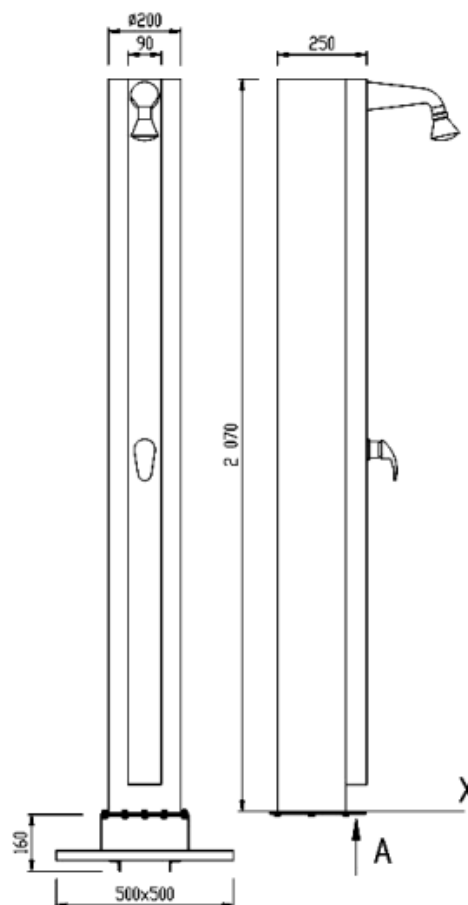
1. Installation frame anchored in a 500x500x160 opening.
2. Water supply through a hose with male thread G 1/2".

Assembly

1. Anchor structure fixed in a 550x550x160 mm opening in the floor.
2. Supply water through a suitable pipe to an opening in the anchor structure, ending with a 1/2" male thread. The thread end should be slightly above the floor. Screw a supplied closure on the pipe (inside the pillar on the inlet hose).
3. Concrete the anchor structure and finish the floor.
4. After thorough hardening, place the pillar by the structure and connect the hose to the closure.
5. Attention! Before connecting the hose, rinse the supply pipe to prevent impurities entering discharge valves.
6. Make sure the valve is open, lift the pillar carefully and set it on the supporting structure. The inlet hose must not be squeezed or broken.
7. The hose must form a loop inside the pillar so that it would not break.
8. Fix the pillar with six M8 bolts.

Attention

- After the shower is used and the valve closed, water keeps running for another 6-10 seconds; it stops only after pressure inside the tank is equalized. Attention: When the shower is in use, the inlet into the shower





head must not be blocked (e.g. broken hose, clogged head with impurities). Since the tank is pressureless, it would get deformed. Water in the pillar must not freeze – the pillar is recommended to be dismantled and placed in a non-freezing room for winter.

- At the bottom part of the column, under the removable cover there is the drain valve. If the column is not removed and stored in a frost-free room, then draining the column through the drain valve is not sufficient. It is necessary to use compressed air and blow all the water from hoses, valve and shower head.

Maintenance and cleaning

- The device was made from the stainless steel of quality corresponding with ČSN 17 240 (AISI 304) standard and, therefore, it must not be operated in chemically-aggressive environment and
- **Preparations containing chlorine must not be used for its cleaning!!**
- Cleaning agents by WÜRTH are recommended:
 - Metal renewal agent - Order No. 893 121 1
 - Stainless steel spray treatment - Order No. 0893 121 – K.
- If corrosion has already occurred, it can be removed with a cleaner INNOSOFT B 570 from the company Emergo.