



## Installation and operating instructions

### SPS 01.1-Integral stainless steel shower column with 1 shower arm

#### BASIC TECHNICAL INFORMATION

|                              |                          |
|------------------------------|--------------------------|
| Water inlet:                 | G 1/2"                   |
| Water pressure:              | 0,2 – 1,0 MPa            |
| Water flow (one shower arm): | 7,5l/min.                |
| Height:                      | 2000 mm                  |
| Weight:                      | 50 kg                    |
| Weblink:                     | <a href="#">SPS 01.1</a> |

#### Intended use

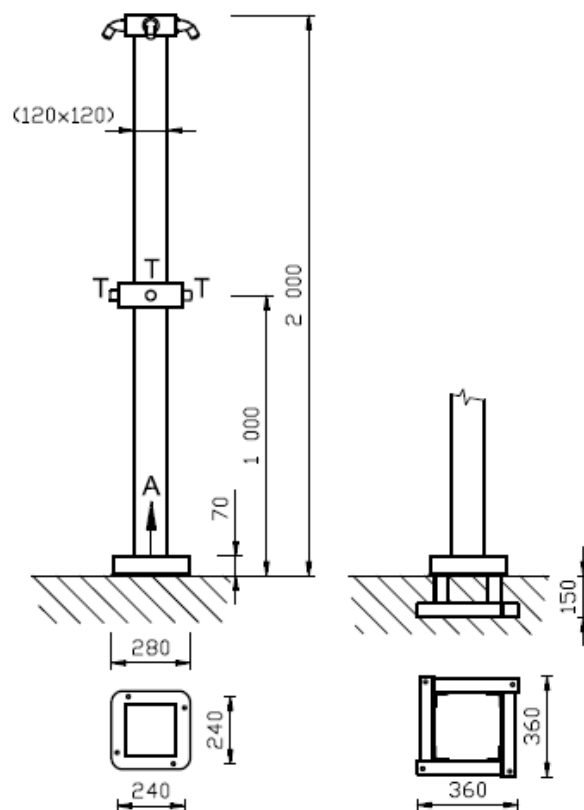
- SPS 01.1 is an integral stainless steel shower column intended for outdoor and indoor swimming pools, summer camps etc. The column is intended to be placed in an open space and there are two variants of its anchorage – concrete in the anchoring screws or fix the anchoring construction by means of joggles and screws.
- A shower column with 1 shower arms and 1 press buttons for water release is part of the basic version. The column can be equipped with thermostatic valves, sensor control etc. as per order.

#### Requirements for setting up the construction

- **when concreting**
  1. Set up an opening in the floor minimum 400 x 400 x 150 mm
  2. Pipe in the middle of the opening in the floor finished off with 1/2" inner bolting
- **when fixing by means of screws into joggles**
  1. Corresponding consolidated soil (concrete, etc.)
  2. Pipe finished off with 1/2" bolting

#### Assembly

1. Remove the anchoring construction from the shower column by means of four screws M12.
2. Set the anchoring construction into the opening in the floor so the floor level is in the bottom part of the stainless steel angle. Anchoring construction has to be set horizontally. For easier levelling, it is possible to screw it down by means of the fasteners (not a part of the delivery), depending on the type of the floor.
3. Set-up the water inlet to the centre of the construction, pipe 1/2" inner screw. The end of the bolt thread should be about 20 mm above the floor. Screw on the cap to the pipe (find the cap inside of the column on the inlet hose).
4. Embed the anchoring construction in concrete and finish the floor.





5. Let the concrete dry properly. After it is dry, lay the column down next to the anchoring construction and connect the hose to the cap. Before connecting the hose, rinse out the supply pipe to prevent dirt getting into the valves.
6. Check out if the valve is opened, stand the column up and put it carefully on the anchoring construction. Make sure that the hose does not get stuck or broken.  
**The hose inside of the column has to form a loop to prevent its braking.**
7. Secure the column by means of the screws M 12.
8. Adjust the time of the water flow by means of the screw inside of the press valve (loosing up the screw – water runs for longer time, tighten up the screw - water runs for shorter time).

## Exchanging the press valve

1. There is no need to dismount the valve from the column when exchanging only the mechanism of the press valve. Just twist it off.
2. When exchanging the whole valve, screw out four inbus screws from the bottom part of the valve space and let the casing down. Be careful not to scratch the column.
3. Disconnect the hose from the valve, unloose the screws of the nut and unscrew the nut. Press the valve down and pull it down vertically. For easier dismounting of the valve, it is possible to twist the valve mechanism off before the valve removal.
4. Putting the valve back – vice versa.
5. Adjust the time of the water flow by means of the screw inside of the press valve (loosing up the screw – water runs for longer time, tighten up the screw - water runs for shorter time).

## Exchanging the outflow arm

1. Unscrew the upper casing of the column.
2. Disconnect the supply hose from the outflow arm, unscrew the outflow arm.
3. Putting the outflow arm back – vice versa.

### Attention

- A **filter** must be set up in the water inlet for removing mechanical dirt which increases the press valve reliability.
- It is necessary to **empty all the remaining water from the shower column or dismount the shower and store it in the area with temperatures above 0°C before the winter time.**

## 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.

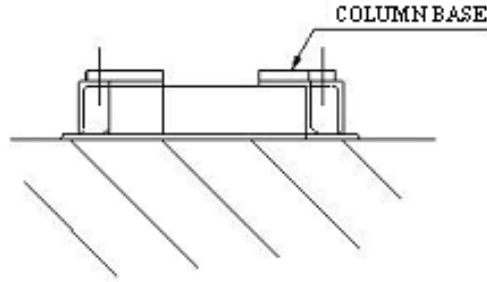
## Complete delivery

- integral stainless steel shower column
- pressure valve
- shower arm
- anchoring construction
- connecting material

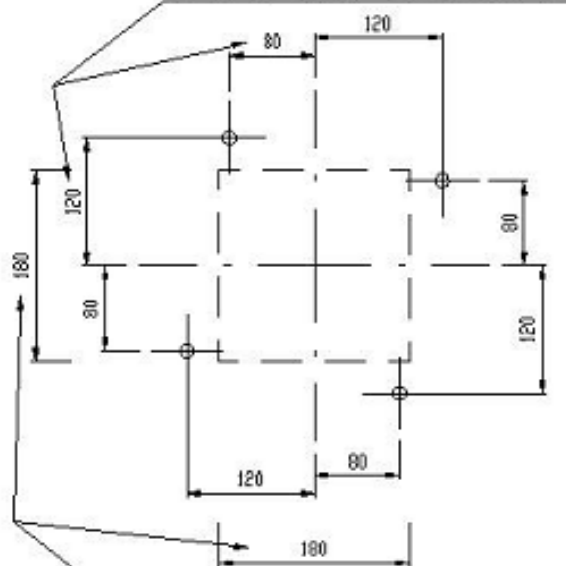


### Versions of column fixing

SETTING UP THE CONSTRUCTION – WHEN FIXING BY MEANS OF THE SCREWS INTO THE JOGGLES



SPACING OF THE ANCHORING SCREWS  $d = 13$  OF THE COLUMN BASE POSITIONED ON THE FLOOR



SPACE FOR THE WATER SUPPLY 1/2" POSITIONING ON THE FLOOR



### SETTING UP THE CONSTRUCTION – WHEN CONCRETING

