

Mounting of sanitary installations



DESCRIPTION

- ✓ The test bench is composed of various types of elements (flush toilet, washbasin, bidet, shower, water heater). They are fixed on a frame made of extruded aluminium.
- ✓ The water runs, either in a closed circuit thanks to a supercharger, or in an open circuit with the network water
- ✓ The hot and cold water supply comes from two distributors. The connection of the distributors to each element is made through exchangeable collars of various materials (Cu, PER) and various diameters
- ✓ A set of copper collars is equipped with a flow meter
- ✓ The drainage system (right sections) consists of transparent PVC tubes in order to observe the running effluent. The drainage system (sewage, effluent) can be achieved with a simple drain or with a drain that has secondary ventilation (obtain the required parts from a plumbing supply)
- ✓ The unit is delivered complete with instrumentation, technical documentation, and instructions

DESCRIPTION OF THE VARIOUS ELEMENTS

1 – Hanging toilet (water closet) (the top is protected by a transparent plate).

2 – Bidet

It is equipped with a manual mixer and a Ø40-siphon.

3 – Washbasin

It is equipped with a manual mixing battery and a transparent siphon with an easily changeable depth of seal (from 30 to 100mm). Exhaustion: Ø 32.

4 – Shower

It is equipped with a thermostatic mixing battery and a Ø40-siphon.

5 – Electric storage water heater: 75 litres (230V - single-phased – 1500W)

It provides the hot water required by the system..

6 – Supercharger – filter - counter – flow meter

The pressure in the network is regulated by a manometer that controls the supercharger. The supercharger is set so that the maximum flow rate in the system will be 36L/min (hot and cold water). Manual pressure reducer: 0-5 b on cold water supply.

7 – Switch box

It permits the control of the water heater and the running of the supercharger.

8 – Drainage – Ventilation

Diameters are indicated on the scheme. A changeable piece of pipeline (T) permits to pass from a separative network to a unique one (with secondary ventilation). The pipe between the secondary ventilation and the washbasin's siphon is changeable (transparent hose). Possibility to put a diaphragm (Ø 50) in the common exhaustion (sheet gasket connector). The pipe of the secondary ventilation (Ø 60) is dismountable.

9 – Water recycling tank

Constructed using PVC tubes (Ø 200), it is divided by a panel. It comes with 2 observation flaps for easy access for maintenance. Automatic controls shut down the system if water or effluent in the tank reaches too high a level. Changeable stickers are provided so that the purpose of the tank (effluent being collected) can be clearly indicated on the outside.

UTILITIES

Electricity: 220 V / 50 Hz

Network water and sewage

DIMENSIONS :

Length: 3700 mm

Width: 800 mm

Height: 2000 mm

Weight: 300 kg (without water)