

## Gravity flow



### DESCRIPTION

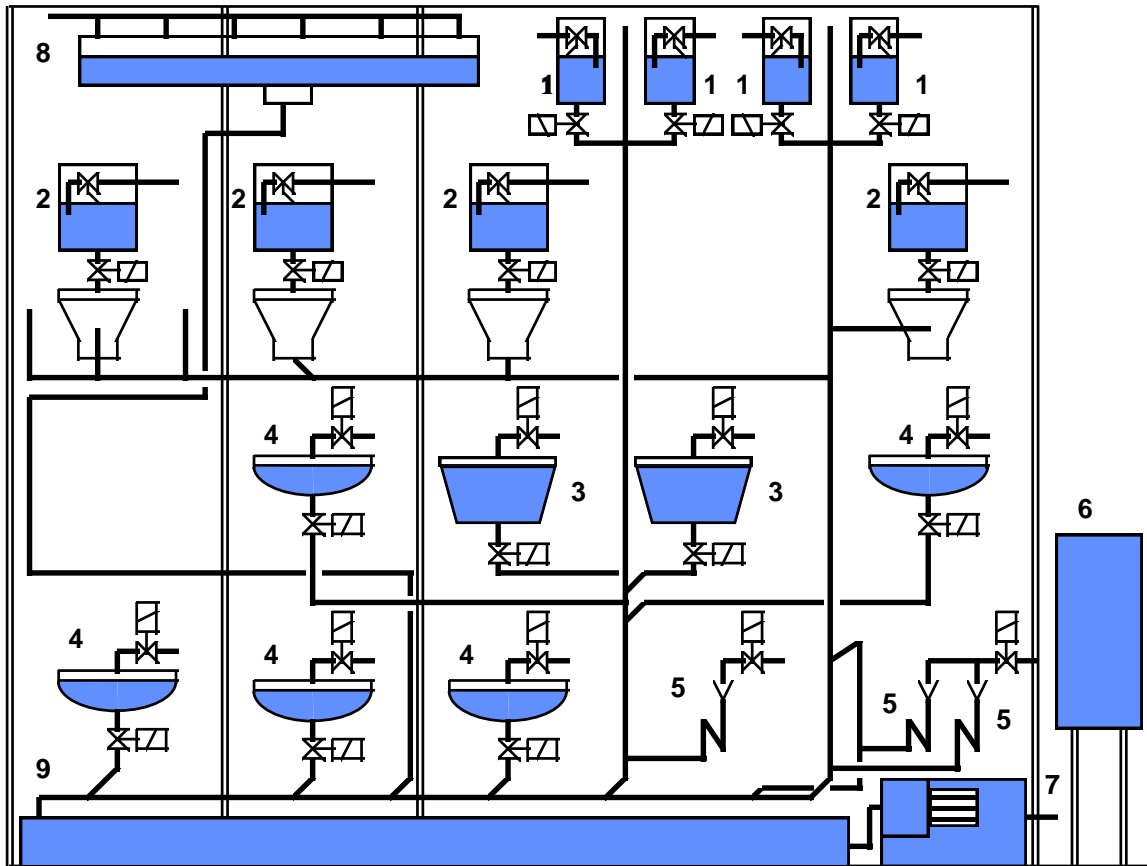
- This unit consists of several types of sanitary appliances, which are situated at different levels. These appliances are fitted to a frame formed from aluminium sections.
- Closed circuit water circulation. The water is distributed by a booster equipped with a tank.
- The appliances are filled and emptied by means of solenoid valves which are operated from a control console with a block diagram.
- The outlet system is made of transparent PVC : the water flow can be observed.
- The gravity flow unit is supplied complete with instrumentation, one technical and one experiment manual.

### SUGGESTED APPLICATIONS

- Study of the outlet network (rain water, waste water, affluent)
- Function of the components
- Primary and secondary ventilation in a network
- Calculation of the basic flow rates and the conceivable flow rates
- Calculation of the pipe diameters – calculation of the falls

# ECO 100

## PROCESS DIAGRAM



- 1 – Water flush (4)
- 2 – Water closet (4)
- 3 – Bathtubs (2)
- 4 – Wash-basins (5)
- 5 – Transparent siphons (3)

- 6 – Solenoid valve control box
- 7 – Booster
- 8 – Rain water tank
- 9 – Water recycling tank

## SERVICES REQUIRED

Electricity : 220 V / 50 Hz  
Water supply and outlet

## DIMENSIONS :

Length : 5000 mm  
Width : 1200 mm  
Height : 4000 mm (tailored according to the shape of the room)  
Weight : 400 kg (without water)