

# TECHNICAL SPECIFICATIONS OF GRAVEL FILTER



## TECHNICAL SPECIFICATIONS

CODE	INPUT-OUTPUT	FLOW	MAXIMUM PRESSURE
02.01.30	3"	35-40m <sup>3</sup> /h	8-10 bar
02.01.40	4"	60-80m <sup>3</sup> /h	8-10 bar

**For cleaning:** Open valve B-D / Closed C-A  
**For operation:** Open valve C-A / Closed B-D  
**CLEANING WILL BE DONE GRADUALLY**

### DESCRIPTION

**Gravel filters** are the most common filters for very dirty water. They are recommended for waters where there is a strong presence of organic and inorganic materials. Recommended for drops and large quantities of water. They can be installed as units or in a system. The cleaning process can be done manually or automatically.

### OPERATION

During operation the water enters the filter through the inlet and diffuses into the Gravel. Dirt particles and organic materials are trapped on the middle surface. Pure water passes through the middle layer and flows out through the diffusers. The cleaning process is carried out with the opposite flow of water when the outlet valve is closed and allows the water to enter from the bottom by upward movement and releasing the dirt particles that come out of the filter through the top of the drain pipe. During the cleaning phase, the system continues to filter.

### ADVANTAGES

- They have the potential to remove both organic and inorganic elements such as seaweed and sand.
- Electrostatic painting
- Easy connection, use and maintenance
- Automatic or manual cleaning

## CONSTRUCTION MATERIALS

- **Housing:** S235JR Steel
- **Cap:** S235JR Steel
- **Diffusion System:** Polypropylen Copolymer PP.
- **Sealing Tires:** EPDM
- **Topping:** Polyester electrostatic