

PowerClear MC 10000



ADVANTAGES

- High water quality
- Reliable supply due to integrated backfeeder
- Requires little space

GREY WATER PLANT

The PowerClear 10000 grey water plant is designed to handle up to 10,000 liters of grey water per day from showers, bath tubs and hand wash basins. The kitchen sink do not be connected due to the fats contained in the kitchen effluent.

With its compact design and the perfect interplay of the single components, PowerClear plants are especially suited for use inside buildings.

Grey water plant for the multi-step treatment of grey water and the disposal of the filtered water in a downstream service water tank. System for basement installation, integrated in six containers made of PE. With equipment module for grey water utilisation with micro-biology and membrane filtration. Ventilation of the system to supply the micro-biology with air, to continuously clean the filter membrane and to prolong the durability of the membrane.

The membrane filtration with a filter fineness of 0.00005 mm ensures the safe and complete retention of dirt particles. Bacteria with a size of 0.001 mm cannot pass the membrane.

The unit comprises 6 tanks with 3000 liters volume each. The first two tanks collect the grey water and pre-cleans it. The third and fourth tank filtrate the grey water with their PowerClear membrane modules. The service water is collected in the last two tanks. One of these is additionally equipped with a backfeed of potable water to ensure the stable supply of the service water network.

The PowerClear grey water plants are equipped with a fully automated control to monitor and control the system. The system has a potential-free contact to enable the integration of failure messages in the building equipment.

TECHNICAL DATA

System size	
Height in mm	1890
Width in mm	5530
Depth in mm	2630
Installation space	
Height in mm	2300
Width in mm	6600
Depth in mm	3650
Filtration capacity litres/day	10000
Membrane surface	32 m ²
Electrical Connection	230 V / 16 A

Item no.	Class	Name
25156	15	PowerClear MC 10000 indoor