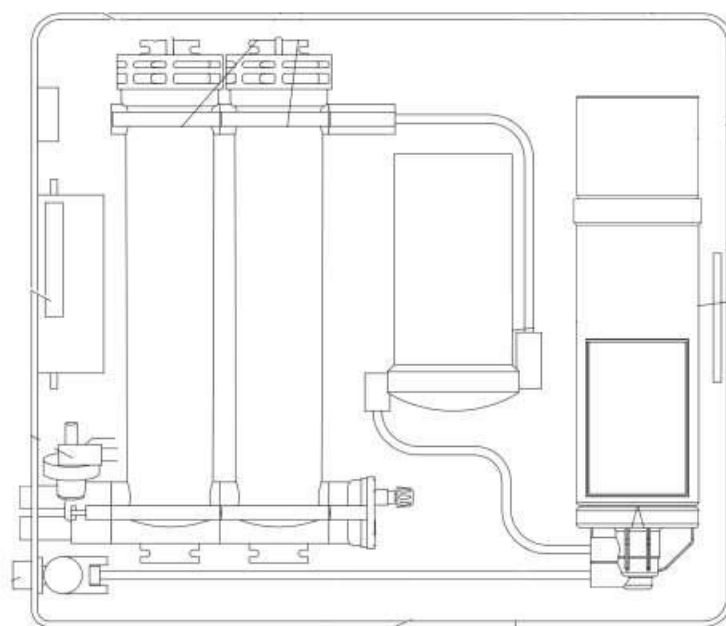


Reverse Osmosis Technical Datasheet



Description

Dimensions : 435x378x96mm

Weight : 8Kg

Flow rate : 100-130l/hour

Rejecting ratio : 1:2

Electrical power supply : 220VAC – 50 Hz

Maximum power : 115W

Components

1. Pre-filtration (21000l capacity)

The 5 Micron Carbon Block CTO Filter consists of a hollow cylinder of active carbon agglomeration for the reduction of chlorine, taste and odor by the mechanical filtration of suspended particles in city water.

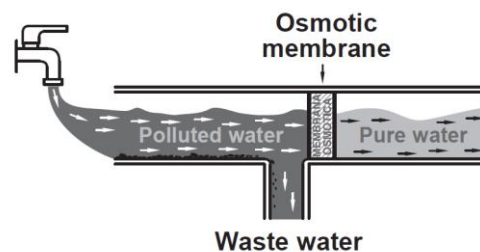
2. Motor pump

The motor pump increases pressure on the membranes to obtain a constant 100-130l/hour flow rate.

3. Membranes

The reverse osmosis membranes are contained in specific patented vessels entirely manufactured in food grade polypropylene.

The structure and properties of the membranes almost completely withholds dissolved salts, heavy metals, pollutant elements, bacteria and viruses letting the water however pass in all its genuine purity.



4. Electronic management

Flood alarm

The machine is equipped with an anti-flooding system capable of detecting leaks in the machine and immediately stopping supply.

Filter alarm

The board gives a warning when the active carbon filters need changing based on the non-settable parameters of time and quantity of water treated.

15 minutes alarm

This function allows water supply stoppage to the service if sampling lasts over 15 minutes, for the purpose of preventing flooding caused by a broken circuit downstream of the machine.

Flushing

During system operation, at the end of each supply with closure of the water produced sampling tap, a flow of water is sent to drainage. This function allows washing of the osmotic modules, eliminating excess salt concentrates in drainage. If there are prolonged stand-by periods of the system, automatic flushing of the osmotic modules takes place every 8 hours.

Compliant with following directives:

DM 174 DEL 6 April 2004

PED (2014/68/EU)

Royal Decree 742/2013 of 27/09/2013

REG. 2011/10/UE // REG. 2004/1935/UE // REG.

2006/2023/UE