

# RO Purification / Product Range



## RO Plus™ Pure Water System

Reverse osmosis (RO) purification system with high pressure membrane produces pure water intended for controlled water systems. RO is a demineralization process of water, removing up to 98 % of all solids, bio soil and potentially up to 100 % of bacteria.

A pump maintains 12 bars pressure on the membranes. Circulating a high water flow and maintaining a stabilized pressure is the key to maintaining a highly effective process for years and years.

- Keeping rinse low and lifetime long.

The system can be supplied with 1, 2 or 3 membranes and a total pure water production of up to 900 l/h.

Membrane production 300 l/h avg. at 15 °C.

- Up to 300/600/900 l/h water at 12 bars.
- Up to 3 membranes.
- 25 -30 % Rinse with soft water.  
*eg. 70% to pure water tank, 30% to drain.*
- Average membrane life 3-5 year.
- Pre rinse system.
- 98 % solids removal.
- PLC control.
- Alarm for low water pressure.
- Alarm level sensor failure.
- Alarm pump overload.
- External alarm in.
  
- Options:
  - Conductivity reader.
  - Flow reader.
  - UV light.
  - Conductivity adjuster.
  
- Measure: W: 720 mm, D: 600 mm, H: 1835 mm.
- Weight: 182/193/204 kg.



## RO Basic™ Pure Water System

Reverse osmosis (RO) purification system with low pressure membrane produces pure water intended for controlled water systems. RO is a demineralization process of water, removing up to 98 % of all solids, bio soil and potentially up to 100 % of bacteria.

The system is running on incoming water pressure min. 3 up to 7 bars pressure. Circulating a high water flow will maintain an efficient process even at this low pressure.

This system is intended for users with a capacity need up to 180 l/h.

Membrane production up to 180 l/h avg. at 15 °C, 7 bars.

- From 90 to 180 l/h water at 3/7 bars.
- 25 -30 % Rinse with soft water  
*eg. 70% to pure water tank, 30% to drain.*
- Average membrane life 3-5 year.
- Quality rinse system.
- 98 % solids removal.
  
- Options:
  - Conductivity reader.
  - Flow reader.
  - UV light.
  - Conductivity adjuster.
  
- Measure: W: 510 mm, D: 400 mm, H: 1600 mm.  
*height incl. 150 mm elevation from floor.*
- Weight: 32 kg.



## RO Pure Water Tank

Water storage tank for permeate water.

- Two level sensors.
- Overflow.
- Tank volume 125/300/600 l.
  
- Tank measure incl. base:
  - Volume: 125/300/600 l.
  - W & D: 570/750/750 mm.
  - H: 1100/1200/1800 mm.
  - Weight: 14/25/37 kg.

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