

apro-i-500

reverse osmosis system

The RO system is designed to remove the organic impurities and reduce the total salt content of water from municipal and local water supply systems (borehole, brackish or sea water) in accordance with the requirements.

Materials used in RO systems are safe, non-toxic and do not release any dangerous substances into the water.

Equipment

- Grundfos pump
- Membranes in plastic housings
- Electrical panel with PLC
- Plastic wall-mountable frame
- High-capacity prefilter

Specifications

Permeate capacity, LPH	500
Membrane type	XLP11-4040
Membrane quantity	2
Prefilter cartridge	B520-PRO-AS
Cartridge capacity, L	150 000
Permeate recovery, %	50-90
Max. allowed TDS, ppm	2000
Operating pressure	7-10
Power connection	single-phase 230V, 50Hz
Power consumption	0.5 kWh
Dimensions mm (WxDxH)	670 x 370 x 1280
Weight, kg	58

Optional Equipment

- Optional equipment
- Grundfos antiscalant dosing pump with level switch
- RO supply system
- GSM/GPR

Key benefits

- Fully automatic plug & play RO
- Up to 40% less energy consumption
- Extra high capacity prefilter included
- Extended membrane lifespan

NOTE:

The RO system is not designed to solve all problems related to water treatment. For proper operation it may require additional water pre-treatment.

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