

apro-120

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.

Benefits

- Fully automatic
- High capacity pre-filtration
- Low cost operation
- Extended membrane life
- Plug&Play
- Up to 50% energy savings

Specifications

Permeate Flow, LPH	120
Membrane Quantity	2
Membrane Type	600GPM
Prefiltration cartridge	B520-H
Max inlet TDS, ppm	1500
Reduction of salt content, %*	Up to 95
System recovery, %**	50 - 90%
Input pressure, bar	1-4
Power supply	24VDC (AC/DC adapter is installed)
Dimensions, mm	500 x 200 x 660
Net weight, kg	27
Sizing (inlet, outlet, concentrate)	3/8" / 1/4" / 1/4" 3G

Standard System Equipment

- Fully equipped electric board
- Stainless steel gauges
- Low Inlet Pressure Shutoff
- High Permeate Pressure Shut Off
- Built-in 2 litre storage tank for permeate
- Concentrate flushing valve
- Permeate drainage valve

Optional Features

- 80 litres and larger permeate tank
- Crystal DiPro - demineralisation set with TDS control (APRO-120, DP-60)

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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