

TECHNICAL SPECIFICATIONS

- Thin film composite RO membranes for optimum water quality
- Stainless steel multi-stage centrifugal pump
- FRP membrane pressure vessels
- Dual media filter in FRP
- Anti-scalant dosing system
- Initial change of anti-scalant
- High pressure pipe line in SS (optional)
- Frame in MSEP
- Maximum system availability with clean-in-place connections
- Pre-filter housing & cartridge 20" full flow
- Filter feed pump
- 12 months warranty against manufacturing defects from date of dispatch

	AVR0100	AVR0250	AVR0500	AVR0750	AVR1000	AVR1500	AVR2000
Product Flow (LPH)	100	250	500	750	1000	1500	2000
Feed Flow (LPH)	800	1400	1600	1800	2000	2500	3100
Reject Flow (LPH)	700	1150	1100	1050	1000	1000	1100
Connection							
Feed Water Inlet	1" (FNPT)	1" (FNPT)	1" (FNPT)	1" (FNPT)	1" (FNPT)	1.25"(FNPT)	1.25"(FNPT)
Product Outlet	3/4"(FNPT)	3/4"(FNPT)	3/4"(FNPT)	3/4"(FNPT)	3/4"(FNPT)	1"(MNPT)	1"(MNPT)
Reject to Drain Outlet	3/4"(FNPT)	3/4"(FNPT)	3/4"(FNPT)	3/4"(FNPT)	3/4"(FNPT)	1"(MNPT)	1"(MNPT)
Membrane							
Membrane Size	4" X 40"	4" X 40"	4" X 40"	4" X 40"	4" X 40"	4" X 40"	4" X 40"
Membrane Quantity	1 No.	1 No.	2 No.	3 Nos.	4 Nos.	6 Nos.	9 Nos.
Power consumption							
KW	1.1	2.75	2.75	2.75	2.75	4.2	4.2
HP	1.5	3.75	3.75	3.75	3.75	5.5.	5.5.
Phase	1	3	3	3	3	3	3
Vessel Array: System Dimensions							
Vessel Quantity	1	1	1:1	1	1:1	1:1	2:1
HxWxD (in mm)	1750X835X870	1750X835X870	1750X835X870	2100 X 3800 X800	2100 X 2650 X 800	2200 X 3800 X 900	2200 X 3800 X 900
Shipping Weight (kg)	200	350	400	500	850	1150	1300

Additional options available with High Pressure line with S.S.304; Pipe line with S.S.304

Note

Performance specification based on:

- +25°C feed water
- SDI < 3
- TDS below 2000ppm
- pH 7.50-8.50
- Absence of chlorine in raw water

INSTRUMENTATION & CONTROL

- User friendly micro-processor based controller
- Low pressure shut-off
- High pressure trip
- Tank low level trip
- Pre-filter pressure gauge
- Pump discharge pressure gauge (glycerine)
- Reject line pressure gauge (glycerine)
- Flow meter for product water
- Flow meter for reject water
- In-built conductivity meter in control panel



STANDARD REVERSE OSMOSIS PLANTS

FEATURES

- Standard package and pre-assembled systems
- Assembly checked and tested
- Quick installations & start-up*
- Customised features to accommodate specific needs
- Short delivery period
- Stringent quality control checks
- Components with international standards
- Ready availability of spares
- All India service back-up

*Only inlet-outlet & power connection set-up

APPLICATIONS

- Drinking Water Plants
- Boiler Manufacturers
- Cooling Tower Manufacturers
- Chillier/Cooler Manufacturers
- Food and Beverages
- Commercial Kitchen Equipment Manufacturers
- Commercial Laundry Manufacturers
- Dialysis Machine Manufacturers/ Suppliers



Faster Installation



Save on Money



Shortest Delivery time in the Industry



Shortest Delivery time in the Industry



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AN EARTH WATER ENTERPRISE

