

505. REVERSE OSMOSIS SYSTEM – “Q SERIES”

Function:

Reverse Osmosis systems “Q SERIES” are used to generate pure water which is free from dissolved salts(ions), particles, colloids, organics. They range from 775 lph(18600 liters/day) to 1420 lph(45600 liters/day).

Advantages:

- Pre-plumbed, wired and assembled.
- Low operation and maintenance cost.
- Expandable and skid mounted.
- Customizable and expandable.

Features:

- Nominal salt rejection.
- Powder coated mild steel frame.
- Stainless steel piping and fittings.
- Fiber glass reverse osmosis membrane housings (30 kg/cm²).
- Pre-filter 20” polypropylene housing.
- Pre-filter 20” 5μ sediment filter.
- Vertical stainless steel centrifugal pump.
- Panel mounted pressure gauges(0-7 Kg/cm²).
- Low Pressure switches, High pressure switches.
- TDS monitor.
- Control panel: Powder coated CRCA.
- Acrylic variable area flowmeter for permeated and retentate.
- Stainless steel Ball valve at inlet.
- Stainless steel diaphragm valve at retentate.



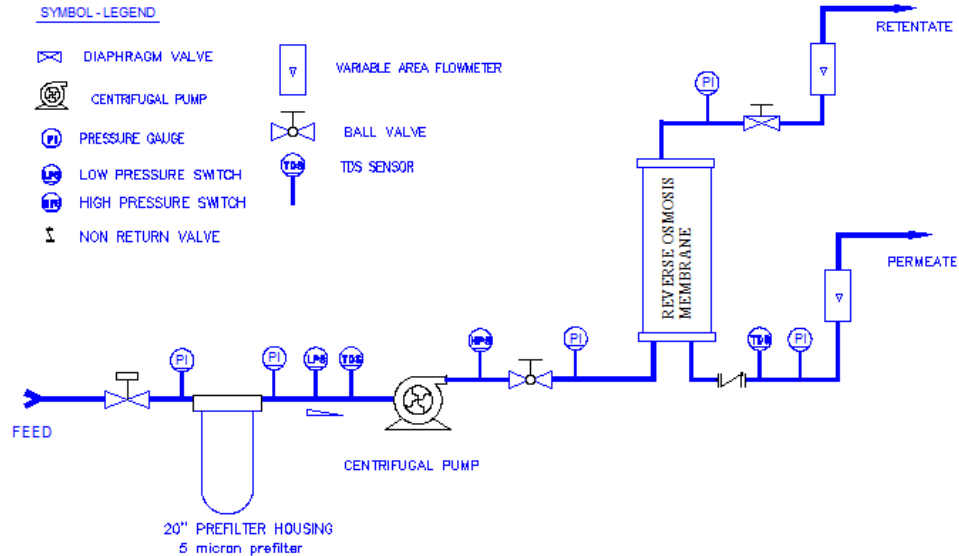
	Q-775	Q-1100	Q-1400	Q-1650	Q-1900
Permeate flow(lph)	775	1100	1400	1650	1900
Feed size(F NPT)	1 ½" inch	1 ½" inch	1 ½" inch	1 ½" inch	1 ½" inch
Permeate tube size	1"	1"	1"	1"	1"
Concentrate tube size	1"	1"	1"	1"	1"
No. Of membranes	2	3	4	5	6
Recovery(%)	20-25	30-35	40-45	50-55	60-65

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Ordering Information:

Part No.	Model#	Permeate flow(lph)
505-000-001	Q-775	775
505-000-002	Q-1100	1100
505-000-003	Q-1400	1400
505-000-004	Q-1650	1650
505-000-005	Q-1900	1900

Feed water quality is considered to be free from chlorine.

Feed water TDS< 10000 ppm.

Allow minimum 5ft around the system for operation.

All dimensions are in mm. unless and otherwise specified.

The information contained in this brochure is for guidance only. We reserve the right to modify any material or feature without notice in advance. For further information, please, consult our application specialist.

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