

The reverse osmosis system JET produces high quality water. It has applications in the food and beverage, agriculture, manufacturing and electronic industries, its compact design makes it ideal for shipping and reduced spaces.

Main features

- Engineering design, prevents water hammer issues.
- High efficiency Toray TMG10D membranes rejects over 99.7% of dissolved salts.
- Sampling valves installed in every vessel for quality monitoring.
- Concentrate recirculation for operation under design guidelines.
- Compact design: length 110 cm x height 100 cm x width 20 cm



99.7%
Dissolved salts
remotion



Energy
savings



Potable water
dispensers



Upgrading options

- Stainless steel pressure vessels
- High rejection Toray TM710D membranes rejects over 99.8% of dissolved salts.
- Microprocessor control for automatic operation including a feed solenoid valve, flush valve, level and low pressure switches.
- Manual operation
- Quality water monitoring devices: Conductivity, TDS, pH, ORP, Resistivity.
- Chemical dosing pump.
- Piping in PVC Sch. 80
- Full pretreatment

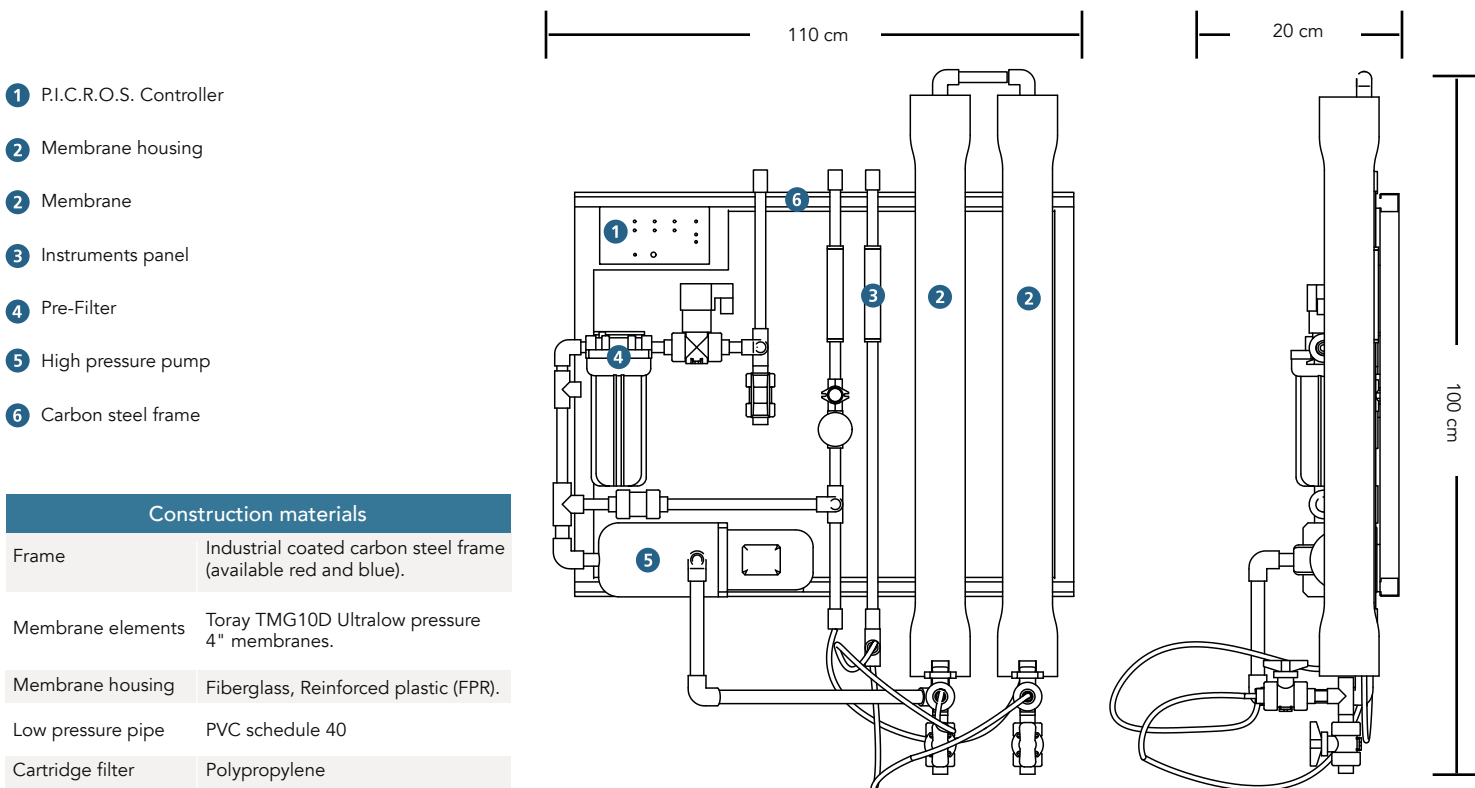
Standard benefits

- All of our models are designed under Toray design guidelines using Toray DS2 software.
- Carbon steel coated frame.
- High efficiency 4x40" Toray TMG10D membrane with 99.7% of salt rejection.
- Portaros 300 psi fiberglass reinforced composite membrane vessels.
- Horizontal multistage pump 120V-1ø
- Polypropylene prefilter housing with a 5 micron sediment cartridge.
- Flowmeters in product and concentrate lines.
- Piping in PVC Sch. 40
- Systems are factory tested.

Product Capacity Specifications											
Model	Product Flow Rate		Membrane Quantity	Vessel Quantity	Vessel Arrange	Pump Power (HP) 115/220V-1ø	Customer Connection Specifications (FNPT)			Dimensions Length x Height x Width (cm)	Weight kg (lb)
	GPM	m ³ /day					Feed	Product	Reject		
Jet-01	0.5	2.7	1	1	1	3/4	1/2"	1/2"	1/2"	110x20x100	70 (155)
Jet-02	1	5.5	2	2	1:1	3/4	1/2"	1/2"	1/2"	110x20x100	90 (200)

Under a standard design with TMG10D membranes at 3 years of operation with a recovery of 65-70% using well water properly pretreated with 1,000 ppm of total dissolved solids at 23°C.

Automatic features		
Model features	Manual	Automatic
Controls	-	Microprocessor P.I.C.R.O.S. 3
Inputs / Outputs	-	3/3
Automatic valves	-	Yes (1)
Sound alarm	-	Yes
Level switch	-	Yes (2)
Low pressure switch	-	Yes



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