

500 GPD / 800 GPD Industrial Reverse Osmosis Drinking Water Purifier

Industrial reverse osmosis drinking water purifier models:

- #CAS-IRO-500: 500 GPD Industrial reverse osmosis drinking water purifier system.
- #CAS-IRO-800: 800 GPD Industrial reverse osmosis drinking water purifier system.

Features of the industrial reverse osmosis drinking water purifier:

- Stainless steel frame, open type assembly, easy for maintenance.
- High-pressure stainless steel membrane housing with quick installation clips.
- SUS 316 stainless steel pressure valve for pure water and waste water.
- Overload breaker for booster pumps.
- Micro-computer controller.
- Automatic checking devices for feed water, product water and tank full.

Applications of the industrial reverse osmosis drinking water purifier:

- Municipal water, medically pure water, industrial ultra-pure water and drinking water purification for school, food/beverage chain store, etc.



#IRO-800

Feed water requirements	
pH	3.0 - 10.0
TDS	< 1000 ppm
Turbidity	< 1.0 NTU
Hardness	< 5.0 ppm
Operation parameters	
Max. operating pressure	220 PSI
Maximum recycle rate	70%
Salt reduction rate	98%~99%
Operating temperature	20 ~ 45°C
Minimum inlet pressure	40 PSI

Specifications :		
Specifications / models	IRO-500	IRO-800
Capacity	500 GPD	800 GPD
Working pressure	150 - 200 PSI	
Pre-filtration	20" YT housing x 2. 20" PP-5uM + 20" CTO - 5uM. 2 stages pre-filtering. (3 stages available as options)	
Booster pump	0.375KW(1/2HP) horizontal, 110V AC / 220V AC.	
Membrane	T.F.C. TW30-2521x2FRP wrap	T.F.C. TW30-4021x1, FRP warp.
Membrane housing	304 stainless steel with caps	
Flow meters	Permeate filtered water x 1	
Pressure gauges	Permeate filtered water outlet pressure x 1 Feeding inlet water pressure x 1	
Water quality indicator	T.D.S. meter with LCD	
Electrical controls	Micro-computer control (auto-flush), overload breakers, LED indicators	
Frames	Stainless steel main frame	
Size (mm) (W x D x H)	500 x 500 x 930	

P.S. Production specifications are subject to confirmation.



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www.splishwater.com.au

info@splishwater.com.au

(07) 5443 3130

Unit 4, East Alamode, 13 Newspaper Place, Maroochydore