

# 3000 GPD

## Industrial Reverse Osmosis Drinking Water Purifier

### Models of the industrial reverse osmosis drinking water purifier:

- #CAS-IRO-3000: 3000 GPD Industrial reverse osmosis 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, bottle water plant, etc.



Feed water requirements	
pH	3.0 - 10.0
TDS	< 1500 ppm
Turbidity	< 1.0 NTU
Hardness	< 5.0 ppm
Operation parameters of H <sub>2</sub> O purifier	
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 of reverse osmosis H <sub>2</sub> O purifier	
Specifications / models	IRO-3000
Capacity	3000 GPD
Working pressure	150 -200 PSI
Pre-filtration	20" YT housing x 2. 20" PP-5micron + 20" CTO - 5micron. 2 stages pre-filtering. (3 stages available as options)
Booster pump	2.2 KW / 3 HP, 110V AC / 220V AC, 380V AC / 60 HZ. Vertical multi-stages booster pump
Membrane	T.F.C. TW30-4040 x 1 e.a. wrap
Membrane housing	304 stainless steel with caps
Flow meters	Permeate filtered water x 1 + drain water x 1.
Pressure gauges	Feed water pressure x 1 + Permeate water outlet 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 (or painting iron frame available for option)
Size (mm) (W x D x H)	650 x 450 x 1500

P.S. Production specifications are subject to confirmation.



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