

"i" Series R.O.

- Reverse Osmosis membrane ❄
- Powder coated steel frame ❄
- Pressure gauges ❄
- Fixed waste/recycle flow controls ❄
- Feed water pressure switch ❄
- Tank pressure switch ❄
- Rotary vane pump ❄
- Feed water inlet solenoid valve ❄
- Heavy duty motor ❄
- Attractive upscale design ❄
- Digital product water flow meter ❄
- TDS monitoring ❄
- 120v/60hz standard ❄
- High capacity pre-filtration ❄
- Fiberglass or stainless membrane housing ❄
- Anti-Scalant outlet ❄
- Blending valve

The "i" series RO from Ingredient Water. Integrating the tank and commercial RO makes this a compact simple design ideal for food service and other applications. Includes stainless solenoid, rotary vane pump, high and low pressure switching, digital product flow meter, large liquid filled pressure gauges and 20" high capacity pre-filtration. Available in either high rejection (HP) or low energy (LE) designs. High accuracy TDS blending valve and TDS monitoring are included.

Item #	Membrane	Tank Size/≈Capacity	≈Dimensions	≈GPD
83R-I32-1421L	4"x21" LE	32 Gallon/21 Gallon	22"x60"	1000+
83R-I44-1421L	4"x21" LE	44 Gallon/30 Gallon	22"x69"	1000+
83R-I85-1421L	4"x21" LE	85 Gallon/57 Gallon	26"x77"	1000+



Add the optional 3/4" stainless wall mount bypass!



Feed Water Parameters: 85°F maximum. Inlet pressure 40-80 PSI. Incoming TDS 2000 ppm maximum, if higher, consult IWP. Iron.5 ppm maximum. Hydrogen sulfide must be removed. Silica < 75 ppm. Turbidity should be removed. Hardness must be removed. pH 3-11. **Operating Parameters:** 200 PSI maximum. pH range 3-11. Flow rates are based on test parameters of 1500 ppm NaCl solution, 77°F water temperature. Typical membrane salt rejection is 95-98%. **Actual flow rates and rejection vary depending on the pre-treatment used, water conditions, feed water temperature, applied pressure and membrane type.** Feed water analysis report available.