



INDUSTRIAL REVERSE OSMOSIS – IRO SERIES

DESCRIPTION:

AmeriWater's IRO series of industrial RO units are designed for durability and ease of operation. The IRO units feature a quiet submersible pump with an open front design for ease of service.

FEATURES:

- Control / Monitor
 - Digital microprocessor with digital TDS and fault/status readouts
 - TDS adjustable limit
 - Low pressure alarm shut down with optional restart
 - Tank full contacts with short or long restart
 - Five second pump start delay
 - Pretreat lockout or remote operate on/off switch
- High rejection TFC LE membranes
- Stainless steel membrane housings
- Powder coated aluminum frame
- Multi-stage centrifugal submersible pump with thermal motor protection
- Sediment prefilter with gauge
- Concentrate valve
- Flow meters for concentrate and permeate
- Automatic feed water valve
- Pump and reject liquid filled pressure gauges



SPECIFICATIONS	
Design Temperature	77°F
Minimum Inlet PSI	20
Operation Temperature	50 - 90°F
Nominal Rejection	95 - 98%
Recovery	50% (adjustable)
Pump Operation PSI	185 - 225

MODELS									
Gallons Per Day*	2,400	3,600	4,800	7,200	9,600	12,000	14,400	16,800	19,200
Number of Membranes	2	3	2	3	4	5	6	7	8
Membrane Model #	R22-4026			R22-4041					
Pump HP, 3 Ø	1				3				
FLA 230V	4.7				10.1				
FLA 460V	2.5				5.3				
FLA 575V	N/A				3.7				
Shipping Weight Lbs.	175	185	190	220	250	280	310	340	370
Dimensions In. (WxDxH)	24 x 28 x 64					24 x 46 x 64			

* Permeate flow based on the following standard test conditions: 2000 ppm NaCl, 150 psi, 77°F, pH 8 and 15% recovery. A complete water analysis and computer modeling is necessary for an accurate permeate flow.

Model numbers begin with 00IRO, then the gallons and voltage. Examples: 00IRO2400-460 or 00IRO9600-230

Note: Storage tank ball float sold separately. Use part number 67511206.