



Series SFLI Sureflo Light Industrial Reverse Osmosis System

STANDARD FEATURES

- ◆ Flow rates designed on temperatures of 25°C or 77°F
- ◆ Steel epoxy painted frame is standard (stainless steel frame is optional)
- ◆ 1" NPT Burkert Inlet Solenoid Valve
- ◆ 1" NPT high pressure prefilter housing c/w pressure release 500 PSI burst pressure, 125 PSI maximum operating pressure, 20" long
- ◆ 4 1/2" x 20" 5 micron polypropylene prefilter replacement cartridge
- ◆ stainless steel high pressure booster pump c/w TEFC motor
- ◆ Low pressure pretreatment plumbed in PUC pipe and fittings
- ◆ High pressure tubing with stainless steel fittings from booster pump through membrane system
- ◆ Flow meters measuring product water, recirculation and waste
- ◆ Stainless steel oil filled pressure manual control valve to increase and decrease pump pressure waste water and recirculation for up to 80 percent waste water reduction controlled by recirculation flow meter

- ◆ Low pressure feed water pressure switch
- ◆ High pressure feed water pressure switch
- ◆ Stainless steel membrane housings with end caps
- ◆ 4" by 40" low energy high quality thin film composite reverse osmosis membranes

MICROPROCESSOR CONTROLLER STANDARD FEATURES:

- ◆ Multifunction key pad
- ◆ Display backlit LCD (4 lines / 20 character)
- ◆ Visual and Audible alarms
- ◆ Monitoring via PC
- ◆ Programmable time delays and setpoints
- ◆ All readings are field programmable for metric and US valves
- ◆ Write protected setpoints
- ◆ High/low pressure automotive reset alarm silence
- ◆ Non metallic Nema 4x enclosure
- ◆ 12" x 10" x 6" (305mm x 254mm x 152mm)
- ◆ Panel mount

System Production Flow Rate Specifications

Model Number	EWRI4	EWRI5	EWRI6	EWRI8
Feed	7.2 gpm	9 gpm	10.7 gpm	14.3 gpm
Product Gal/day (maximum)	6800 gpd	8500 gpd	10,200 gpd	13,600 gpd
Rejection	2.1 gpm	2.7 gpm	3.2 gpm	4.3 gpm
Rejection Recycle	3.0 gpm	6.0 gpm	5.0 gpm	3 gpm

Skid Process Connection Specifications

Model Number	EWRI4	EWRI5	EWRI6	EWRI8
Feed Inlet	1 NPT	1 NPT	1 NPT	1 NPT
Product Outlet	3/4" NP	3/4" NP	3/4" NP	3/4" NP
Reject to Drain Outlet	1/2" NP	1/2" NP	1/2" NP	1/2" NP

Unit Configuration Specifications

Model Number	EWRI4	EWRI5	EWRI6	EWRI8
Vessel array staging	1:1:1:1	1:1:1:1:1	2:1:1:1:1	2:2:1:1:1:1
Membranes/vessel	1	1	1	1
Membrane quantity	4	5	6	8
Vessel quantity	4	5	6	8
Pump model & HP	MGPS-10-3/4	MGPS-10-EI	MGS-10-EI	MGS-20-F-1 1/2

Skid Cleaning Connection Specifications

Model Number	EWRI4	EWRI5	EWRI6	EWRI8
Feed	3/4" NP	3/4" NP	3/4" NP	3/4" NP
Rejection	3/4" NP	3/4" NP	3/4" NP	3/4" NP
Product	3/4" NP	3/4" NP	3/4" NP	3/4" NP

Skid Utility Requirements

Model Number	EWRI4	EWRI5	EWRI6	EWRI8
Max FLA@ 208-230/1/60	10.62	12.62	12.62	15
Max FLA@ 208-230/3/60	3.2	3.2	4.5	8
Max FLA@ 575/3/60	3.2	3.2	4.5	8
Max FLA@ 460/3/60	3.2	3.2	4.5	8
Motor HP (ref.)	3/4	1	1	1 1/2
Waste Drain (max. gpm)	10	10	10	10
Floor Drain	A floor drain (in addition to a waste drain) should be supplied for general maintenance.			

Skid Physical Dimension Specifications

Model Number	EWRI4	EWRI5	EWRI6	EWRI8
Length*	44	44	44	44
Width*	28 1/2	28 1/2	28 1/2	28 1/2
Height*	62	62	62	62
Shipping weight (lbs)	500	550	600	650

Canada

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