

# Professional Grade Reverse Osmosis System

*NuStream's affordable line of RO's are designed with the end user in mind. All the features you need with a small footprint makes this the perfect system for your industrial application.*

## **A Standard Design with Maximum Versatility**

- Optional dual RO alternator with demand based simultaneous operation
- Options for single or dual pass

## **Conserves Water**

- Adjustable product / reject recover rates sends less water down the drain

## **Rust Free Design**

- Powder coated aluminum frame keeps the system looking new year after year

## **Standard Controller Offers All the Features You Need**

- Automatic membrane feed flush on start and stop
- Optional divert for poor quality water
- Alarms include:
  - High conductivity
  - Low feed pressure
  - Tank low alarm
- Tank full start
- Readout for water temperature and hours of operation



*Three sizes produce water from 68,000 – 115,000 gallons per day*

## **Variable 3 Phase Voltages to Fit Your Needs**

- 208V / 230V
- 440V / 480V
- 575V

## **Optional Pretreatment Injection Configurations**

- Prewired and pre-plumbed for easy integration for chemical pretreatment package:
  - Chlorine destruct
  - Anti-Scalant
  - Clean-in-Place



Intertek  
5012025  
Conforms to  
UL Std. 979  
Certified to  
CSA Std.  
C22.2#14

<b>MODEL</b>	<b>PGI68</b>	<b>PGI88</b>	<b>PGI108</b>
	<b>PERFORMANCE</b>		
Nominal Rejection	99%	99%	99%
Production (GPD) *	68,000	90,000	115,000
Product Flow (GPM) *	47	63	80
Recovery	50 – 75% Adjustable		
	<b>ELECTRICAL</b>		
Three Phase	208-230v / 440-480v / 575v 17 AMP (check label)		
Horsepower / AMPS	10 HP 208-230V is 26.5-24.6 Amps / 440-480V is 12.4 Amps / 575V is		
	<b>MEMBRANES</b>		
Size (inches)	8" X 40"	8" X 40"	8" X 40"
Quantity	6	8	10
Type	Thin Film Nanocomposite (TFN)		
	<b>FEED WATER REQUIREMENTS</b>		
Chlorine Tolerance	< 0.1 PPM		
Temperature	Maximum 133 F (45 C)		
Operating pH Range	2 – 10		
Cleaning pH	1 – 12		
Pre-Filtration	5 Microns		
Pressure Range (PSIG)	120 – 160		
Max. Fouling Index (SDI)	< 5.0		
	<b>DIMENSIONAL DATA</b>		
Connections	Inlet 2" FIP, Outlet 2" FIP, Drain 1.5" FIP		
H x W x D	80" x 105" x 38.5"		
	<b>SHIPPING WEIGHT LBS.</b>		
	1,552	1,803	1,952

\*Product flow rate varies with temperature. Models rated at 77 F (25 C) with feed water of 1500 ppm NaCl solution @ 150 psi pressure. Permeate flow varies + or – 15%.