

REVERSE OSMOSIS SYSTEM

23,080 – 46,000 GALLONS PER DAY



An affordable line of RO systems designed with the end user in mind. All the features you need in a small footprint makes this the perfect system for your application.



Conserves Water

Adjustable recirculation / reject recovery rates send less water down the drain.

Maximum Versatility

Expandable configuration makes it easy to increase output without the need for purchasing as additional RO.

Options for single or dual pass configurations.

Sample ports at each membrane allows for individual membrane profiling.

Rust Free Design

Powder coated aluminum frame keeps the system looking like new year after year. Free of brass, copper, and lead.

Variable 3 Phase Voltages to Fit Your Needs

208V / 220 – 240V / 440 – 480V

Multi-Functional Controller Offers All the Features You Need

Automatic membrane feed flush on start and stop.

Optional divert to drain on poor quality water.

Dry contacts for tank level and pretreatment lockout.

Readouts for water temperature and hours of operation. Alarms for high conductivity and low feed pressure.

Optional Facilities Management Communication

Communicates conductivity, system status, alarms, operation hours and temperature to the building control system.

Compact design takes up little floor space

NuStream's PGI series is built to last making high purity water for years.

Because we use stainless steel, powder coated aluminum frames and high-quality reinforced plastic, our RO systems won't rust.

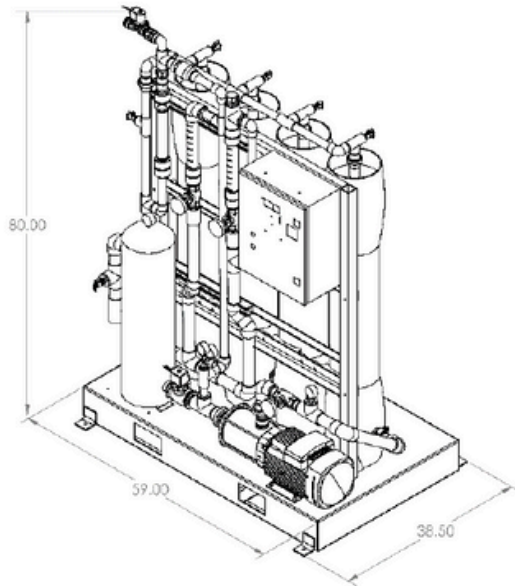
Maintenance is minimal! Our energy saving polyamide fiberglass wrapped membranes will give you both high productivity and dissolved solids rejection.

All products are designed and manufactured in the USA with pride. We listen and we care.

And all that equals a very high-quality customer experience. **ChemREADY, a Division of Zinkan Enterprises, Inc.**

1919 Case Parkway North, Twinsburg, OH 44087

P 800-229-6801 F 330-425-8202 W www.GetChemREADY.com



MODEL	PGI 28	PGI 38	PGI 48
PERFORMANCE			
Nominal Rejection	99%	99%	99%
Production (GPD)*	23,080	34,500	46,000
Product Flow (GPM)*	16	24	32
Recovery	50% - 75% Adjustable		
ELECTRICAL			
Three Phase	208V / 220-240V / 440-480V		
Horsepower / Amps	8 HP 208V = 21 Amps 220-240V = 20 Amps 440-480V = 10.2 Amps		
MEMBRANES			
Size	8" x 40"		
Quantity	2	3	4
Type	Thin Film Nanocomposite		
Pressure Range (PSIG)	120 - 160		
FEED WATER REQUIREMENTS			
Chlorine Tolerance	< 0.1 PPM		
Temperature	Maximum 113°F (45°C)		
Operating pH Range	4 - 10		
Feed Flow GPM	32	48	64
Pre-Filtration	5 Microns		
Pressure Range (PSIG)	30 - 90		
Max. Fouling Index (SDI)	< 5.0		
CONNECTIONS, DIMENSIONS and WEIGHT			
Connections	In 1-1/2" / Out 1" QC / Drain 1" QC		
Width, Depth, Height	59" x 39" x 80"		
Operating Weight	Approx. 977 lbs		

*Based on production 77°F, 150 psi, 1500 µS NaCl and 6.5-7.0 pH.
Permeate flow for individual elements may vary ± 15%.

ALSO AVAILABLE...

Reverse Osmosis

RO's ranging from 1,200 - 172,000 GPD
Larger custom systems per your spec.

Pretreatment

Softeners / Filters

Post Treatment

Filters / Electro-Deionizer
Ultra-Violet / Ozone

Accessories

Storage Tanks / Cartridges

Optional Pretreatment Choices

Chemical Injection	Equipment
Pre-wired and pre-plumbed for NuStream's chlorine destruct, anti-scalant and membrane clean in place.	Full line of softeners, multi-media and backwashing carbons sized for your needs.

TEMPERATURE CORRECTION FLOW RATES

MODEL	77°F / 25°C	62°F / 17°C	50°F / 10°C
PGI-28	16 GPM	12 GPM	10 GPM
	23,000 GPD	17,900 GPD	14,500 GPD
PGI-38	24 GPM	19 GPM	15 GPM
	34,500 GPD	27,373 GPD	21,829 GPD
PGI-48	32 GPM	25 GPM	20 GPM
	46,000 GPD	36,498 GPD	29,106 GPD

About ChemREADY

ChemREADY, a Water Treatment Company has an extensive product line that has set the standard with specialty chemicals for nearly 50 years. Through expertise in a wide range of water treatment technologies and nationwide manufacturing and distribution locations, we are able to fill the widespread needs of our diverse customer base worldwide.

Our mission is to be the leading provider of treatment solutions, supplies and services for Water and Waste Water systems. We support this mission by providing chemicals, equipment, hands on service, expert consulting and training. Our goal is to ensure the highest level of service in the industry and the proper treatment of water from the moment it enters a facility to the point of discharge.

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