



"We make water work for you."

MODEL:

HP800

Reverse Osmosis System

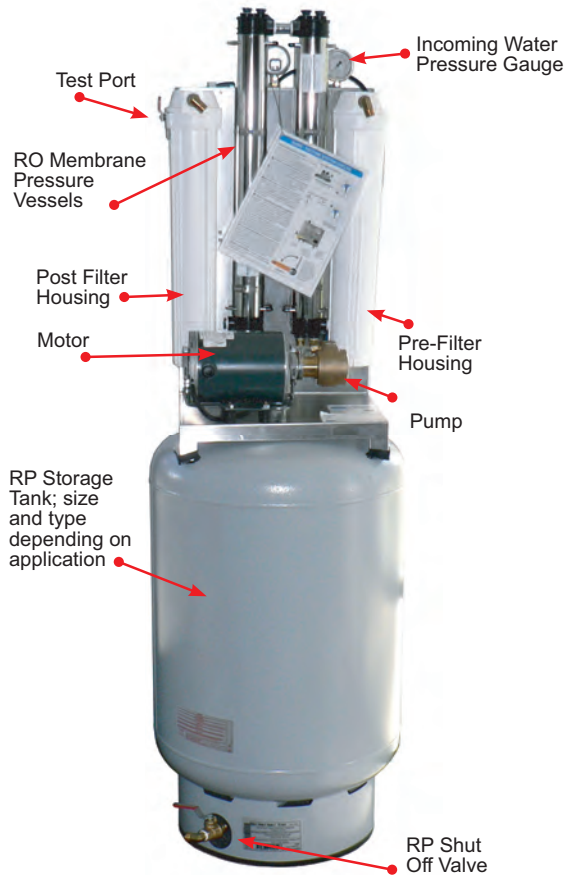
- USA Manufactured
- Reverse osmosis unit that will produce up to 1400 gpd
- Precision Blending Valve allows proven control of TDS product water
- Able to achieve water efficiency rates up to 80% recovery
- 80% reduction in noise with longer lasting drain flow control; retro upgrades available for older models. Save water waste.
- Longer Filter Life
- Membranes can last up to three years
- Easy to Service, quiet operation and compact design for easy installation



DESCRIPTION:

The HP800 is the "workhorse" of Global's Water Filtration System Catalogue. The fact that it has been in service for over 15 years is a testament to its solid design and functionality. This System encompasses the most efficient design parameters in the industry today; able to achieve water recovery rates of up to 80% while maintaining membrane integrity.

Why is this important? Membranes are the core functioning component of any RO System. Global's HP800 system is designed to be the most water efficient and cost effective light commercial RO System in the world today. Global is so sure of this design that as long as influent water characteristics (see chart inside) are met, membranes will be warrantied up to one year. On average membrane life is 2-3 years! Global also has the lowest cost of Service in the Industry.

**APPLICATION:**

Designed as a unique water formulation system to meet criteria where the TDS output mix is to be controlled for food or beverages at a specified level between 50 - 200 ppm TDS. This high pressure, high capacity, 800 - 1400 gal/day (3,028 - 4,542 lpd) Reverse Osmosis System is for mid-size establishments. The stainless steel RO membranes, carbon pre-filter and post-filter housings are all mounted vertically atop the 34 gal (128 ltr) pressurized storage tank to make a compact system for easy installation.

SIZE/WEIGHT:

Height(1854 mm) 73"
 Width 24" (610 mm) - with Softener 49" (1245 mm)
 Depth 24"
 Ship Weight (93.9 kg) 207 lbs
 Wet Weight (237 kg) 523 lbs

OPERATING PARAMETERS:

Membrane size Two 2.5 x 21 inch
 Daily production @ 150 psi/77°F (10 bar/25°C).....(4542 lpd) 1400 GPD
 TDS reduction..... up to 90%
 Chlorine removal.....90%+
 Standard storage (128 ltr) 34 gal*
 Output pressure..... (2.75-4.13 bar) 40 to 60 PSI
 Recommended service flow rate (18 lpd) 5 GPM
 Max service flow rate @40 psi(36 lpd) 10 GPM
 Recovery rate @150psi /77°F (±80%)0.83 GPM
 Drain dump flow rate (±20%)0.17 GPM
 *Larger Tank capacity available, talk to your Global Sales Representative.

INFLUENT WATER & POWER REQUIREMENTS:

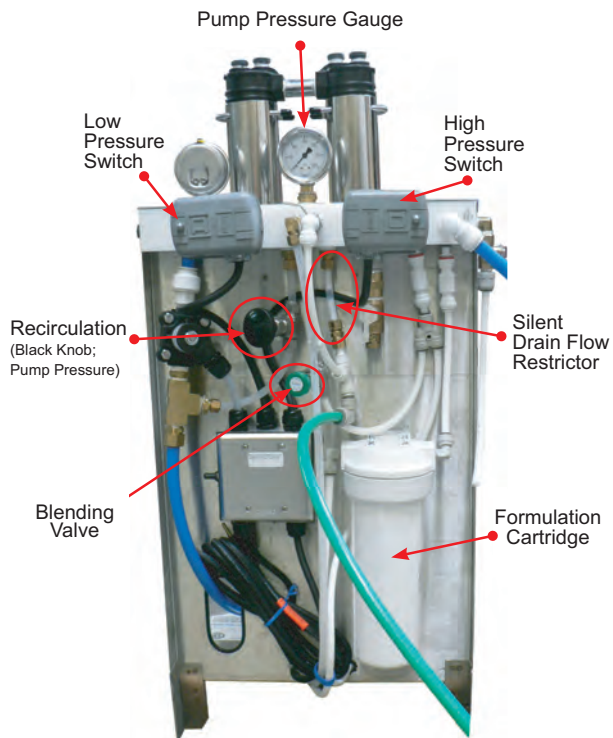
Pressure..... (2.7-6.2 bars) 40 to 90 PSI
 Temperature..... (10-26°C) 50-80°F
 Maximum Grain Hardness.....> 3 gpg
 pH Range5 - 10
 Feed pipe size1/2" minimum (3/4" recommended)
 Drain pipe size 3/4"
 Power (GFCI) 110v
 Iron, Magnesium, Hydrogen Sulfate..... less than 1 ppm

SERVICE:

Filter maintenance recommended every 3 months depending on incoming water quality and usage. Membranes should be changed every 1.5 to 2 years depending on incoming water and usage.

WARRANTY:

One year Limited Warranty from time of sale on parts (FILTERS NOT INCLUDED).



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