

# H-SERIES REVERSE OSMOSIS WATER SYSTEMS

## H1500

The H-Series reverse osmosis systems are sized for medium volume usage applications including residential whole-house water treatment. These compact, horizontal systems may be placed on a shelf or rack. An integrated blending valve and a TDS meter allow for precise TDS water profiles.

The H-Series is part of the Kinetico Commercial Reverse Osmosis portfolio of products.

- **Advanced Filtration.** Delivers high quality pure water to your application by removing dissolved solids (TDS).
- **Capacity.** 1500 gallons per day of high quality water.
- **Efficient Water Production.** Designed to maximize water conservation.
- **Recirculation Valve.** Stainless steel valve allows for accurate system efficiency adjustment. Valve allows portion of the brine water to be recirculated for higher efficiency.
- **Ideal GPD Range.** Sized for low to medium volume uses.
- **Flexible Storage Tank Options.** Connect to a product water bladder tank or atmospheric tank for purified water delivery to downstream equipment.
- **Space-Saving Design.** Compact, horizontal profile ideal for tight spaces or under-counter installation.
- **Blending System.** Allows for precise blending of filtered water with reverse osmosis product water to achieve desired TDS profile.
- **Integrated TDS monitor.** Measures product water quality
- **Optional Accessories:**
  - **Filtration** improves feed water quality by removing excessive suspended solids.
  - **Softening** increases reverse osmosis performance by eliminating hardness fouling, extending membrane life and improving water quality.
  - **Storage and Repressurization** systems provide a constant supply and pressure of high quality water to meet fluctuating demand.



Over 40 Years  
Experience



Advanced Filtration



Efficient Water  
Production



Product Water  
Blending



Quiet Operation



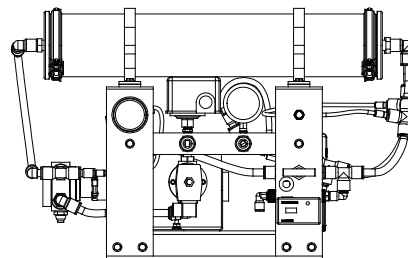
Space-Saving  
Design



Optional  
Accessories

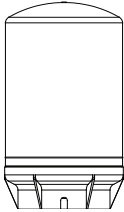

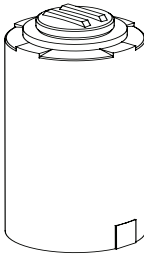
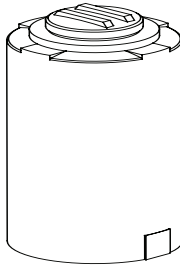
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| Specifications  | H1500                 |
|---|-----------------------|
| Part Number   | 16879                 |
| System Size (w x d x h) in  | 28 x 11 x 19          |
| System Size (w x d x h) cm  | 71 x 28 x 48          |
| Membrane Type   | TF Low Energy         |
| Efficiency Rate   | 75%                   |
| Power (Voltage, Hz)   | 115, 50/60            |
| Feed Pressure (psi/bar)   | 30 - 65 / 2.07 - 4.48 |
| Operating Temperature (°F/°C)   | 36 - 104 / 2.2 - 40   |
| Inlet Flow Rate (gpm/Lpm)*  | 1.39 / 5.26           |
| Permeate Flow Rate (gpm/Lpm)*   | 1.04 / 3.94           |
| Reject Flow Rate (gpm/Lpm)*   | 0.35 / 1.32           |
| Rejection Rate - NaCl**   | 96%                   |
| Daily Production (gpd/Lpd)*   | 1,500 / 5,678         |
| TDS (Max) as NaCl mg/L  | 2,500                 |
| * Based on 77°F (25°C), 500 ppm TDS softened feed, permeate to atmospheric tank, 50 psi (3.45 bar) inlet pressure at 60 Hz. |                       |
| **With blending valve closed.   |                       |

### Storage Tank Options

|                  |   |   |   |   |
|------------------|---|---|---|---|
|                  |  |  |  |  |
| Tank Type        | Bladder   | Atmospheric   | Atmospheric   | Atmospheric   |
| Tank Description | 80 gallon   | 300 gallon  | 550 gallon  | 1000 gallon   |
| Tank Height      | 47  | 80"   | 83"   | 84"   |
| Tank Diameter    | 26  | 35" DIA   | 48" DIA   | 64" DIA   |
| Material         | Lined Steel   | HDPE  | HDPE  | HDPE  |