

# 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



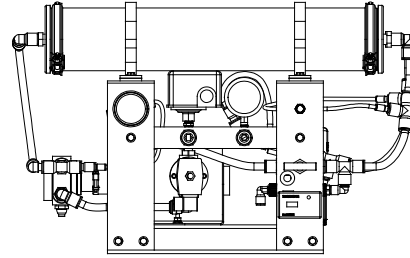
Space-Saving  
Design



Optional  
Accessories

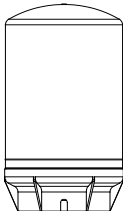

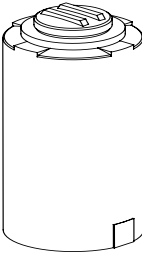
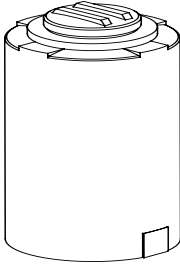
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Specifications	H1500
Part Number	16879
System Size (w x d x h) in	28 x 11 x 19
System Size (w x d x h) cm	71 x 28 x 48
Membrane Type	TF Low Energy
Efficiency Rate	75%
Power (Voltage, Hz)	115, 50/60
Feed Pressure (psi/bar)	30 - 65 / 2.07 - 4.48
Operating 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