



Humidi-Pure Water Filtration Systems

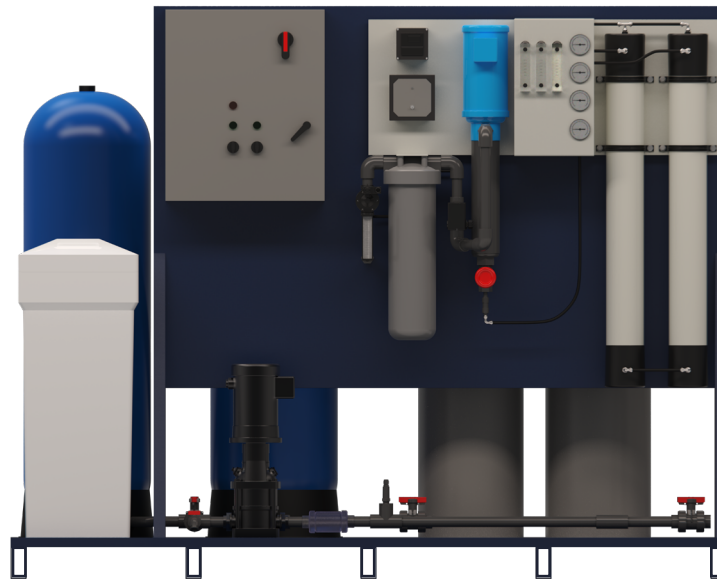
From Concept to Commissioning

Humidification made simple

Your one-stop provider for custom-built, high-purity water systems

Increasingly, today's building engineers are recognizing the benefits of high-purity water in adiabatic (misting) and isothermal (boiling) humidification systems. Running this equipment with ordinary tap water requires frequent draining, flushing, and skimming. Even softening, which can provide a degree of relief, does not fully alleviate these maintenance headaches. In contrast, using high-purity [Reverse Osmosis (RO) / Deionized (DI)] water dramatically reduces maintenance on commercial humidifiers. This equates to less system downtime, less wasted labor, and extended equipment lifespans.

IMPORTANT: Always confirm that humidification equipment is compatible with RO treated water



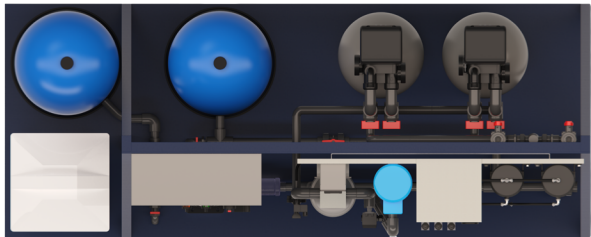
WCC Offers Pre-Packaged Water Supply Solutions for Commercial Humidification Equipment, Featuring:

- ◆ 5 standard system sizes (fully customizable)
- ◆ All necessary softening and pre-filtration equipment
- ◆ High quality membrane filtration (RO) units
- ◆ Hydropneumatic and/or atmospheric storage tanks
- ◆ Valves, gauges, and test ports for system maintenance
- ◆ 316 stainless steel delivery pumps
- ◆ Standard or PLC panel options (UL508A)
- ◆ Single-point electrical supply connection
- ◆ Equipment pre-wired, pre-plumbed, and secured to high-quality, powder-coated aluminum skids
- ◆ Optional ultraviolet (UV) and submicron post-filtration

Available Standard Systems

	H-500	H-1000	H-1500	H-2000	H-4000
Production Rate* (gal / day)	500	1000	1500	2000	4000
Membrane Size (in)	2.5 x 21	2.5 x 21	2.5 x 40	2.5 x 40	4 x 40
Humidifier Capacity (max lbs / hr)	100	225	325	450	925
Membrane Quantity	2	3	2	3	2
Inlet Connection (FNPT) (in)	3/4	3/4	3/4	3/4	3/4
Outlet Connection (FNPT) (in)	3/4	3/4	3/4	3/4	3/4
Waste Connection (FNPT) (in)	1/2	1/2	1/2	1/2	1/2
Storage Tank Size (gal)	40	40	40	40	40
Pressure Tank Size (gal)	20	20	20	40	40
System Discharge Pressure (PSI)	50	50	50	50	50
Delivery Pump Peak Flow Rate (GPM)	10	10	10	10	10
Delivery Pump HP	3/4	3/4	3/4	3/4	3/4
Voltage / Phase	230V/1	230V/1	230V/1	230V/1	230V/1
Full Load Amp Draw	8	9	11	11	15
Skid Dimensions (L x W x H) (in)	78 x 36 x 72	78 x 36 x 72	78 x 36 x 72	78 x 36 x 72	90 x 36 x 72
Approx Ship Weight (lbs)	780	800	900	1100	1200

* Gallons per day based on 77°F feed water temperature
Note: Other configurations are available upon request



WCC Offers Complete System Design, Fabrication, and Startup

Our engineers are ready to assist you with system selection, sizing, submittals, and 3D renderings. Our Field Service Technicians are able to provide full aftermarket support. To get started, contact your local WCC representative, or call/email us directly.

Be sure to provide the following:

- ◆ Gallons-per-day of high-purity water required
- ◆ Gallons-per-minute flow rate required to equipment
- ◆ Desired output pressure to equipment (psi)
- ◆ Electrical requirements (voltage, phase)
- ◆ Any available data on raw (inlet) water quality (testing service available)



Experience the WCC difference

- ◆ Easy-to-use system design questionnaires
- ◆ 3D (Revit®) renditions for every system
- ◆ Custom AIA Division 22® specifications
- ◆ Detailed project submittals
- ◆ Project-specific installation diagrams
- ◆ Intuitive, adaptable controls
- ◆ Complete, customized 'Operation and Maintenance' manuals



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a design engineer

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