PureGen

The Hydro PureGen is a fully automated, skid-mounted, pre-plumbed, and pre-wired reverse osmosis unit. This compact RO system is well-suited for a wide variety of applications requiring high purity RO or Deionized (DI) water, including steam generators, humidifiers, glass washers, autoclaves, analyzers, boilers, and laboratories. When paired with the PureDist Distribution System, the system meets or exceeds ASTM Type I/II, and USP Quality Water down to 0.056 µS/cm (18 MΩ-cm). The system is backed by Warranty and Supported by Hydro 24-Hour service.

STANDARD FEATURES

- Powder Coated Carbon Steel Skid-Mounted Packaged System
- Pre-RO Sch. 80 PVC Piping as Manufactured by Georg Fischer with Type 546 True Union Ball Valves and High Pressure 304 SS Piping
- 5 Micron Pre-Filter
- Reverse Osmosis SS Pressure Vessels with Spiral Wound Thin-Film Membranes & High Pressure 316 SS Pump Designed at 75% Recovery
- Feedwater Solenoid Valve, RO Low Pressure Shutoff, Concentrate, Recycle and Product Flow Indicators, Feed, Membrane & Reject Pressure Gauges
- Clean-in-Place Ports
- Dual Channel Resistivity/Conductivity Monitor (RO Feed/RO Product) with % Salt Rejection
- VFD with NEMA 12 and/or 4X kits
- UL Listed Control Panel with Color Touch Screen mounted in a Painted Steel NEMA 4 Enclosure
- Ethernet Communication for Building Automation System (BAS)
- Full Engineering Turnover Package (ETOP) with 3D Drawings, PLC and HMI Programs

OPTIONAL FEATURES

- + Turbidity Filtration
- + Water Softener
- + Carbon Filtration
- + Electrodeionization (EDI) Unit with Idle Flush
- + Storage and Distribution Packages
- + Stainless Steel Skid(s)
- + Single Point Power Distribution Panel
- + BACNET/Modbus Communication
- + Validation Packages including FAT, SAT and IQOQ
- + Additional Voltages and Sizes Available
- + Fully customizable to meet customer specification

THE PURE CHOICE.

Hydro Service & Supplies Inc.
1-800-950-7426
hydroservice.com

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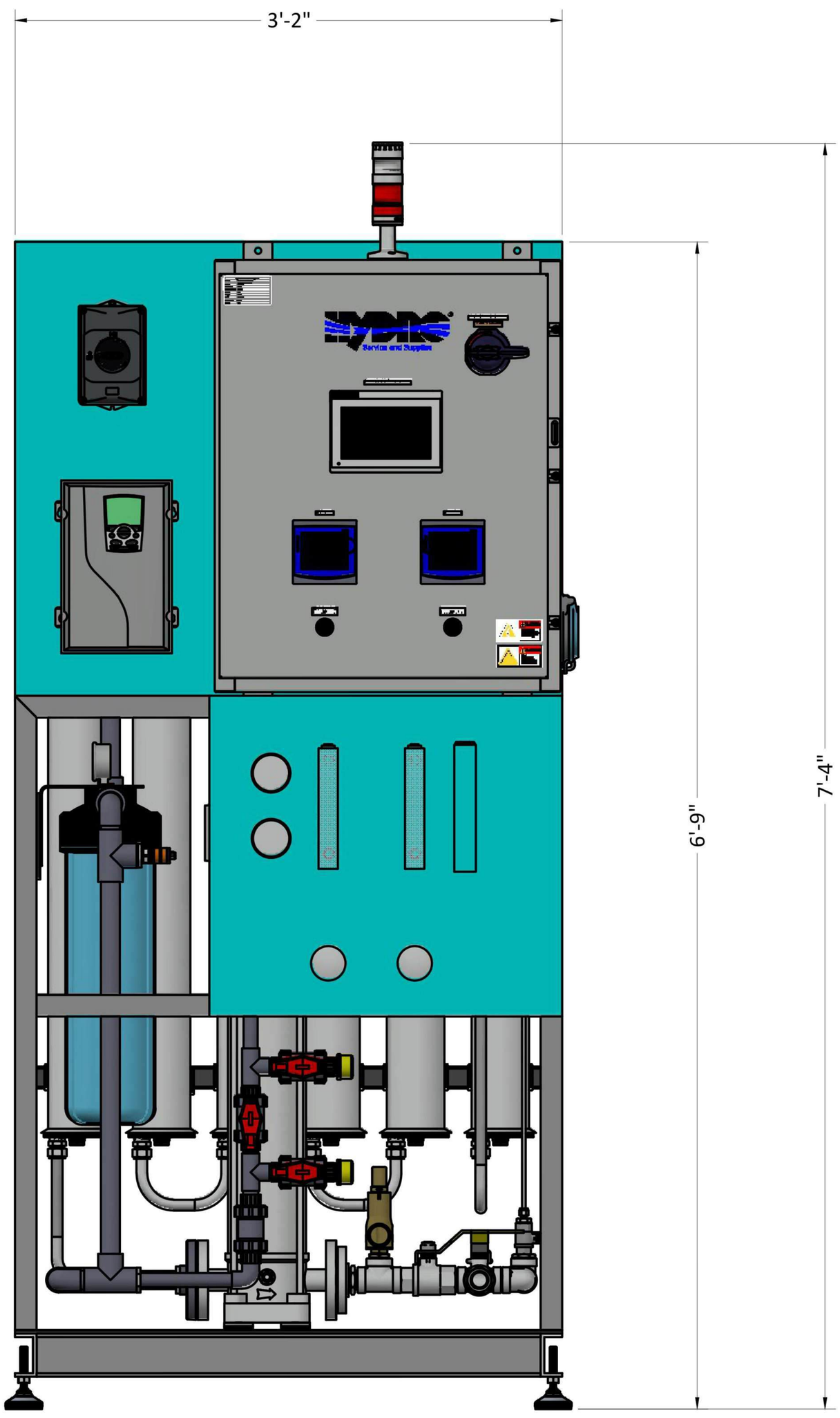
PureGen Water Purification System			
MODEL	GENERATION CAPACITY	POWER	SIZE
PureGen3	3 GPM	120V/20A & 480V/15A	38"L x 28"W x 81"H
PureGen5	5 GPM	120V/20A & 480V/15A	38"L x 28"W x 81"H
PureGen10	10 GPM	120V/20A & 480V/15A	72"L x 38"W x 80"H
PureGen15	15 GPM	120V/20A & 480V/15A	72"L x 38"W x 80"H