

PureDist

The Hydro PureDist is a fully automated, skid-mounted, pre-plumbed, and pre-wired distribution system. This distribution 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. This unit is designed to pair seamlessly with the PureGen RO generation unit. The system meets or exceeds ASTM Type I/II, and USP Quality Water down to 0.056 $\mu\text{S}/\text{cm}$ (18 $\text{M}\Omega\text{-cm}$). The system is backed by Warranty and Supported by Hydro 24-Hour service.

STANDARD FEATURES

Powder Coated Carbon Steel Skid-Mounted Packaged System

Socket Fusion Beta Polypropylene as Manufactured by Georg Fischer with Type 546 True Union Ball Valves

High Density Polyethylene Cone Bottom Storage Tank with Level Transmitter and Vent Filter

316L Stainless Steel Distribution Pump

254nm Bacteria UV Unit and 0.2 Micron Final Filter

Loop Supply Resistivity/Conductivity Monitor and Flow Indicator

VFD with NEMA 12 and/or 4X kits

Full Engineering Turnover Package (ETOP) with 3D Drawings, PLC and HMI Programs



OPTIONAL FEATURES

- + Available as a stand-alone system
- + Duplex (Redundant) Pumps, UVs and Final Filters
- + Mixed Bed Deionizers
- + TOC Destruct UV Unit(s)
- + TOC Analyzer
- + Automated Cooling Exchanger
- + Natural PP, PVDF or 316L SS Plumbing
- + Diaphragm Valves
- + Stainless Steel Skid(s)
- + Single Point Power Distribution Panel
- + Validation Packages including FAT, SAT and IQOQ
- + Additional Sizes Available
- + Fully customizable to meet customer specification



Hydro Service & Supplies Inc.

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PureDist Water Purification System

MODEL	STORAGE CAPACITY	DISTRIBUTION CAPACITY	POWER	SIZE*
PureDist10	250 Gallon	10 GPM	Qty-2, 480V/15A	40"L x 27"W x 72"H
PureDist30	500 Gallon	30 GPM	Qty-2, 480V/15A	46"L x 27"W x 72"H
PureDist50	1,000 Gallon	50 GPM	Qty-2, 480V/20A	66"L x 33"W x 80"H

*Note: Equipment skid dimensions only. Storage tank to be floor mounted.

