HYDRO CORE

The Hydro Core is a portable, self-contained reverse osmosis (RO) unit with built-in storage and distribution. This economical unit is designed to be a quiet, compact package for clinical diagnostic devices and is well-suited for hospitals and clinics. The unit meets or exceeds ASTM Type I/II, and USP quality water standards. Engineered for ease of installation and minimal maintenance, the unit provides a reliable solution for critical water needs. The system is backed by a warranty and supported by Hydro's 24-hour service.

STANDARD FEATURES

- Powder Coated Carbon Steel Cabinet-Mounted System
- Pre-RO and Post RO Polyethylene Tubing
- Carbon and 5 Micron Pre-Filters
- RO Low Pressure Shutoff, Concentrate and Product Flow Indicators
- RO Idle & Startup Flush Cycle
- Reverse Osmosis Stainless Steel Pressure Vessel, Spiral Wound Thin-Film Membrane & High Pressure Pump
- Polyethylene Storage Tank w/ Level Transmitter
- Stainless Steel Distribution Pump with VFD, 254nm Bacteria UV Unit and 0.2 Micron Final Filter
- Dual Channel Resistivity/Conductivity Monitor (RO Product/Loop Supply)
- (2) 120V/1PH/20A Electrical Outlets Required
- Operation Manual with 3D Drawings & PLC Program

SPECIFICATIONS[1]

Resistivity: 18 MΩ·cm @ 77°F (25°C)

Conductivity: 0.056 µS/cm @ 77°F

TOC: ≤50 ppb (Feedwater quality may vary results)

Bacteria: ≤ 10 CFU/mL

Total Silica: ≤ 3 ppb

Generation Flow: 1460 GPD (1 GPM) @ 77°F

Storage Capacity: 30 Gallons

Distribution Flow[2]: 2GPM or 5 GPM @ 30-60 psi

Size[3]: 40"L x 24"W x 75"H

Notes: 1. With Optional Mixed Bed Deionizers
2. Two options available
3. Equipment cabinet dimensions. Does not include some optional features.

OPTIONAL FEATURES

- Turbidity Filtration
- Water Softene
- Anti-Scalant Cartridge
- Mixed Bed Deionizers
- Separate Bed Deionizers
- Validation Packages Including FAT, SAT and IQOQ

THE PURE CHOICE.

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