

Hydra High Purity DI System

HYDRA HIGH PURITY TYPE 2 DEIONIZATION SYSTEM

The Hydra High-Purity DI System is a pre-assembled cartridge system that provides deionized water using a staged filtration process. Water purification is provided using a 3-step process. Stage (1) removes particles greater than 5 micron, chlorine, and organics. Stages (2 & 3) are deionizers designed to remove dissolved minerals. The Hydra High-Purity DI series includes all cartridges and resistivity light for a total turnkey system. The Hydra high-purity DI configuration uses low odor mixed bed cartridges for applications requiring better than 10 MegOhm water quality.

BENEFITS

- Wall mounted and low profile
- Low resistivity indicating light for cartridge replacement
- Economically produces di water
- Turn-key system for on demand service
- Designed for city water & tap water supply
- Outlet isolation valve, spanner wrench & associated tubing provided

PHYSICAL SPECIFICATIONS

Dimensions (H x W x D)	62cm x 49cm x 13cm [24.5in x 19.4in x 5.3in]
Inlet Connection	¾" O.D. Tubing



FEATURES

- Resistivity Indicator

Bracket Material	Painted Steel
Filter Housing Material	Polypropylene
Number of Bowls	3

LABORATORY APPLICATIONS

Battery Water Filling • Chiller loops • Environmental Chambers • General Deionization • Glassware Rinse • Glassware Washer • Humidification • Hydrogen Generator • Sterilizers • Ultrasonic Cleaners

ELECTRICAL REQUIREMENTS

Input Voltage (VAC)	120
Hertz	60
Amps	1.0

EFFLUENT WATER SPECIFICATION

Effluent Resistivity	< 10 MΩ/cm	Resistivity Light Threshold	200 KΩ
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PERFORMANCE SPECIFICATIONS

	System Volume Capacity @ 10ppm (gal)	System Volume Capacity @ 100ppm (gal)	System Volume Capacity @ 300ppm (gal)	System Volume Capacity @ 500ppm (gal)
HYS-122-B-HP	6800	680	225	135
HYS-122-S-HP	2650	265	90	50

ORDERING GUIDE

SKU	Bowl Diameter	Total Capacity Grains As CaCO ₃
HYS-122-B-HP	Fits 4.5" cartridge (Big Blue)	4760
HYS-122-S-HP	Fits 2.5" cartridge (Slimline)	1800

Includes:

- All housings are preassembled on a wall mounting bracket
- (1) Carbon cartridge
- (2) High Purity DI cartridges
- 200 kΩcm DI Light
- ¾" Fitting & tubing kit
- housing wrench

FILTERS & CONSUMABLES

SKU	Description
HYK-122-X-HP	Replacement Cartridge Kit for Hydra High Purity DI System

Consumables sold seperately.