Hydra Slim High Capacity DI System

HYS-122-S-HC

HYDRA HIGH CAPACITY "SLIMLINE" TYPE 2 DEIONIZATION SYSTEM

The Hydra High-Capacity Slim 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-Capacity DI series includes all cartridges and resistivity light for a total turnkey system. Designed for less corrosive applications, the Hydra high-capacity DI configuration provides water quality better than 50 KiloOhms. This is ideal for scale reduction and non-stainless steel piping systems. System includes:

- (1) carbon 2 1/2" x 10" cartridge
- (2) 2 1/2" x 20" High capacity mixed bed cartridges
- 20 kΩcm DI Light
- ¾" Fitting & tubing kit

All housings are preassembled on a wall mounting bracket. Outlet water is completely deionized with water quality better than 50 Kohm.



FEATURES

- Resistivity Indicator

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

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

CORPORATE HEADQUARTERS 1801 Federal Street Camden, NJ 08105 USA PHONE 856.768.9600 EMAIL info@resintech.com WEB resintech.com

HYS-122-S-HC

PHYSICAL SPECIFICATIONS

Dimensions (H x W x D)	62cm x 49cm x 13cm [24.5in x 19.4in x 5.3in]	Bracket Material	Painted Steel
		Filter Housing Material	Polypropylene
Dry Weight	10.9kg [24.00lbs]	Number of Bowls	3
Inlet Connection	⅜″ O.D. Tubing	Bowl One Size	Fits 10″ Slim Cartridge
Outlet Connection	½″ Hose Barb	Bowl Two Size	Fits 20″ Slim Cartridge
Thread Size	½″	Bowl Three Size	Fits 20″ Slim Cartridge

FEEDWATER REQUIREMENTS

Influent Source	Tap Water	Temperature Range	4-40°C
Pressure Range	10-100 PSIG		

LABORATORY APPLICATIONS

Battery Water Filling ▪ General Deionization ▪ Glassware Rinse ▪ Glassware Washer ▪ Humidification ▪ Hydrogen Generator ▪ Sterilizers

ELECTRICAL REQUIREMENTS

Input Voltage (VAC)	120
Hertz	60
Amps	1.0

EFFLUENT WATER SPECIFICATION

Effluent Resisitivity	< 50 KΩ/cm	Effluent Particulates	Effluent Particulates
Resistivity Light Threshold	20 KΩ	Maximum Flow Rate	0.5 gpm

PERFORMANCE SPECIFICATIONS

	System Volume Capacity @ 10ppm (gal)	System Volume Capacity @ 100ppm (gal)	System Volume Capacity @ 300ppm (gal)	System Volume Capacity @ 500ppm (gal)
HYS-122-S-HC	3000	300	100	60

ORDERING GUIDE

SKU	Bowl Diameter	Total Capacity Grains As $CaCO_3$
HYS-122-S-HC	Fits 2.5″ cartridge (Slimline)	2160

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Includes:
- All housings are preassembled on a wall mounting bracket
- (1) 2½" x 10" Carbon cartridge
- (2) 2½" x 20" High capacity DI cartridges
- 200 kΩcm DI Light
- ¾" Fitting & tubing kit
- housing wrench

FILTERS & CONSUMABLES

SKU	Description
HYK-122-S-HC	Replacement Cartridge Kit for Hydra "Slimline" High Capacity DI System

Consumables sold seperately.

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