

# HYDRA

## HYDRA 1000 SERIES

### GENERAL DEIONIZATION

#### SINGLE CARTRIDGE HOLDER FOR VP SERIES

The Hydra 1100 is a unique cartridge holder that uses quick-connect cartridges to effectively treat water and process fluids. Aries style cartridges are replaced in less than a minute without the use of any tools. The Hydra 1100 is a modular, wall-mounted system that can be easily linked together with other Hydra 1100 holders for staged filtration. A variety of cartridges are available to meet the individual application requirements. From drinking water to high purity, the Hydra 1000 series and cartridges provide a simple, easy, and reliable approach.



**Part Number:** HYS-1100

#### HIGHLIGHTS

- Modular Design For Multiple Staged Filtration
- Economical Low Flow Make Up
- Wall Mounting Frees Up Valuable Lab Counter Space
- No Tool Quick-Connect Cartridge Replacement
- Down-Flow And/Or Up-Flow Applications
- Uses Standard VP Series Disposable Cartridges
- Built-In Channel Hides Inner-Connecting Tubing
- Rugged Painted Steel Frame

#### SPECIFICATIONS

- Wall Mounted
- Spring loaded
- Dimensions 23”H x 3.5”W x 3.5”D
- Weight 5.5 lbs
- Construction Painted Carbon Steel
- Maximum Pressure 30 PSI
- Inlet / Outlet 1/4” tube fitting
- Valve 1/4” mnpt x 1/4” tube

#### VP SERIES REPLACEMENT CARTRIDGES

CAPACITY	DESCRIPTION	BARNSTEAD® EQUIVALENT	PART NUMBER
1360 grains	Color Changing High Purity Mixed Bed	-	VP-17-4030
1590 grains	Color Changing High Capacity Mixed Bed	-	VP-17-4040
2975 grains	Color Changing Cation - Condensate Polishing	-	VP-17-3002
1360 grains	High Purity Mixed Bed	D0809, D5027, D8816	VP-17-4010

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CAPACITY	DESCRIPTION	BARNSTEAD® EQUIVALENT	PART NUMBER
1360 grains	Mixed Bed Low TOC	D0820	VP-17-4011
2000 gallons (7,571 liters)	Activated Carbon	D0813	VP-17-1050
3670 grains	Cation (Hydrogen Form)	D0815	VP-17-3001
2580 grains	Anion (Hydroxide Form)	D0760	VP-17-3203
1980 ppm	Oxygen Removal	D0811, D8817	VP-17-3680
2000 gallons (7,571 liters)	Pretreatment - Organics Removal	D8815	VP-17-4090
2,000 gallons / 490 grains	High Purity - Organics	D0832	VP-17-4205
400 grains / 660 ppm	High Purity / Oxygen Removal	D8809	VP-17-4200
300 grains / 525 ppm	High Purity / Oxy Removal / Org. Removal	D8811	VP-17-4301
1,590 grains	High Capacity	D0803	VP-17-4203
3,635 grains	Softening	-	VP-17-3000
1,300 grains	Two Bed Layered	-	VP-17-4202
1,300 grains	Four Bed Layered	-	VP-17-4402
2,000 gallons	Condensate Feed Back (Organic Removal)	-	VP-17-4090-OR
3,200 gallons	Condensate Feed Back (Amine Removal)	-	VP-17-3001-AR
1,000 gallons	Condensate Feed Back (Demineralization)	-	VP-17-4010-DI
8,000 gallons	Carbon with 1 lb KDF	-	VP-17-2001

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