


ARIES
 FILTERWORKS

VP SERIES

ARIES / VAPONICS® / BARNSTEAD® REPLACEMENTS

SERIES OVERVIEW

VP Series cartridges provide ultra high purity filtration for a variety of applications. Constructed of non-pigmented, virgin materials the spin welded construction provides the longest life and highest quality. Applications include deionization, submicron filtration, organics, chlorine, oxygen and amine removal.

Standard filters fit all ARIES, UNIX and Vaponics systems and are compatible with Barnstead® PCS® systems. Hose nipple end caps have tapered ends for easy connections. Straight nipple tube ends can be used with any 3/8" compression or tubing fitting. Threaded 1/8" male npt connections are also available.

Filter length can be easily modified for custom applications and clear tubes are available for color changing medias. Combination cartridges offer multiple stages of filtration in a single filter.

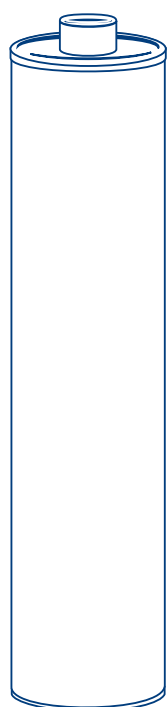
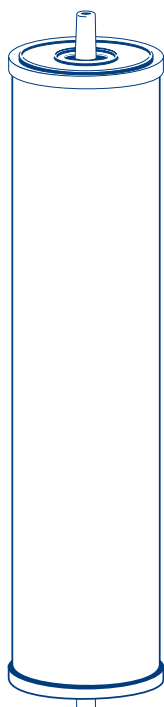
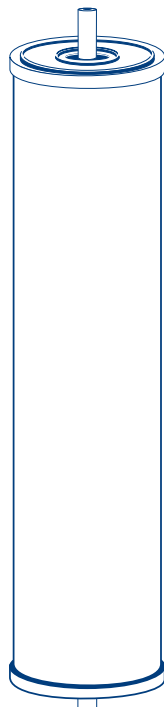
FEATURES & BENEFITS

- Spin welded construction
- High purity plastic components
- Individually lot numbered
- Highest capacity cartridges
- Highest quality medias
- Vaponics® and Barnstead® Compatible
- Cartridge kits available
- Custom filters available
- Variety of End Caps
 - Standard
 - Hose Nipple [HN]
 - Straight Nipple [SN]
 - Threaded Nipple [TN]



- Ultra High Purity Water
- Vaponics® and Barnstead® Compatible
- Lowest operating costs

TECHNICAL DATA


Standard

Hose Nipple

Straight Nipple
Connections:

 Vaponics / Aries Style
 or Barnstead® PCS®
 Options: 3/8" Hose barb,
 3/8" tube end, 1/8" MNPT

Mat'l of Construction:

Non pigmented ABS

Diameter:

Standard	3.38"
Nipple	3.50"

Body Length (Standard):

16.31"

Overall Length:

Standard:	17.0"
Hose Nipple:	17.8"
Hose Nipple (2/3 Size)	10.75"

Volume (Standard):

134.2 cu.in (.078 cu ft)

Flow:

1.0 GPM (3.8 LPM)

Maximum Pressure:

30 psi

Weight:

4.8 Lbs (Approx.)

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ORDERING GUIDE

VP Series Replacement Cartridges

PART NUMBER	DESCRIPTION	CAPACITY	BARNSTEAD® EQUIVALENT	VAPONICS® EQUIVALENT
VP-17-4030	Color Changing High Purity Mixed Bed	1,360 grains		
VP-17-4040	Color Changing High Capacity Mixed Bed	1,590 grains		
VP-17-3002	Color Changing Cation – Condensate Polishing	2,975 grains		
VP-17-4010	High Purity Mixed Bed	1,360 grains	D0809, D5027, D8816	MR-1, MR-2
VP-17-4011	Mixed Bed Low TOC	1,360 grains	D0820, D5021	MR-1-LTOC, MR-2-LTOC
VP-17-1050	Activated Carbon	2,000 gallons	D0813	AC-2, AC-2
VP-17-3001	Cation (Hydrogen Form)	3,670 grains	D0815	CB-1, CB-2
VP-17-3203	Anion (Hydroxide Form)	2,580 grains	D0760	AN-1, AN-2
VP-17-3680	Oxygen Removal	1,980 ppm	D0811, D8817	OX-1, OX-2
VP-17-4090	Pretreatment – Organics Removal	2,000 gallons	D0835, D0836, D8815	OR-1, OR-2
VP-17-4205	High Purity – Organics	2,000 gallons / 490 grains	D0832	MRO-1, MRO-2
VP-17-4200	High Purity / Oxygen Removal	400 grains / 660 ppm	D8809	MRX-1, MRX-2
VP-17-4301	High Purity / Oxy Removal / Org. Removal	300 grains / 525 ppm	D8811, D8818	MROX-1, MROX-2
VP-17-4203	High Capacity	1,590 grains	D0803	
VP-17-3000	Softening	3,635 grains		
VP-17-4202	Two Bed Layered	1,300 grains		GN-1, GN-2
VP-17-4402	Four Bed Layered	1,300 grains		FB-1, FB-2
VP-17-4090-OR	Condensate Feed Back (Organic Removal)	2,000 gallons		CFB-1
VP-17-3001-AR	Condensate Feed Back (Amine Removal)	3,200 gallons		CFB-2
VP-17-4010-DI	Condensate Feed Back (Demineralization)	1,000 gallons		CFB-3
VP-17-2001	Carbon with 1 lb KDF	8,000 gallons		

Hose Nipple Cartridges*

VP-17-4010-HN	High Purity Mixed Bed	1,360 grains	D8902, D8911	MRN-1
VP-17-4203-HN	High Capacity	1,590 grains	D8901	
VP-17-4205-HN	Pretreatment – Organics	2,000 gallons / 490 grains	D8922	
VP-17-3001-HN	Cation (Hydrogen Form)	3,670 grains	D8905	CBN-1
VP-17-3203-HN	Anion (Hydroxide Form)	2,580 grains		ANN-1
VP-17-3680-HN	Oxygen Removal	1,980 ppm	D8903	OXN-1
VP-17-4206-HN	High Capacity / Organics Removal	1,000 gallons / 795 grains	D8921	
VP-17-4301-HN	High Purity / Oxy Rem / Org. Rem.	300 grains / 525 ppm		MROXN-1

Barnstead® Half Size Cartridges

VP-08-4010	High Purity Mixed Bed	680 grains	D50213	MR-254N
VP-08-3203	Anion (Hydroxide Form)	1290 grains	D50214	
VP-08-4205	Pretreatment - Organics	1,000 gallons / 245 grains	D50215	
VP-08-4205	High Purity / Organics Removal	1,000 gallons / 245 grains	D50216	
VP-08-4200	High Purity / Oxygen Removal	200 grains / 330 ppm	D50217	MROX-254N

Special Hose Nipple Cartridges*

VP-09-4200-HN	High Purity / Oxy. Rem – 9.75"	240 grains / 395 grams	D8822	
VP-08-4200-HN	High Purity / Oxygen Removal - Half Size	200 grains / 330 grams		
VP-11-4010-HN	High Purity Mixed Bed (2/3 Size)			
VP-11-4203-HN	High Capacity (2/3 Size)		D8950	
VP-11-4205-HN	Pretreatment - Organics (2/3 Size)		D8951	

* Also Available: –SN [Straight Nipple Tube Ends], –TN [1/8" MNPT Threaded Nipple Ends]

Note: Ordering information subject to change without notice. Please verify all specifications prior to ordering.

For more information Call: (856) 768-9600.

MANUFACTURED IN THE USA.

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