

Thermo Scientific™ Barnstead™ B-Pure™ Water Purification Systems

Modular design—fill with your choice of cartridges

– Perfect for general pretreatment of laboratory water

B-Pure systems are modular wall-mountable systems for point-of-use deionization. Simply add modules as needed when your water requirements change. All systems accept pre- and post-treatment cartridges. Use pretreatment cartridges to filter water before reverse osmosis, deionization, or distillation. Use post-treatment cartridges at the point of use for filtration of ultrapure water. Easily install and remove cartridges; a quarter twist releases canister. A Pura®-Lite resistivity indicator can be mounted directly to the housing to monitor water purity threshold—order separately at ColeParmer.com.

Double-Holder System accepts disposable cartridges (required) sold at ColeParmer.com. System includes a digital resistivity meter for accurate monitoring of water purity and a spigot for easy dispensing.

Single-Holder System accepts disposable cartridges (required) sold at ColeParmer.com. Outlet is ½" NPT(F).

Half-Sized Holder System is a compact stand-alone unit or a space-saving addition to your existing B-Pure system. System accepts the pre- and post-treatment filter cartridges sold on right. Canister measures 10" (25.4 cm) in length.

Cartridges for Half-Sized Holder System (99259-00)

Pretreatment cartridges			Post treatment cartridges		
Pore size	Catalog number	Price	Pore size	Catalog number	Price
1 µm	GH-99259-54		0.2 µm	GH-01504-32	
5 µm	GH-01502-13		0.45 µm	GH-01504-34	
10 µm	GH-99259-50		—	—	
15 µm	GH-99259-52		—	—	



99253-10



Systems

Type	Max flow rate	Inlet pressure		Inlet water temperature	Inlet connections	No. of holders	Dimensions (W x H x D)	Power (VAC, Hz)	Catalog number	Price
		Max	Min							
Double	4 L/min	100 psi (6.9 bar)	5 psi (0.3 bar)	40 to 120°F (4 to 49°C)	½" NPT(F)	2	15" x 27" x 7" (38.1 x 68.6 x 17.9 cm)	120, 60	GH-99253-10	
								230, 50/60	GH-99253-15	
Single	4 L/min	100 psi (6.9 bar)	5 psi (0.3 bar)	40 to 120°F (4 to 49°C)	½" NPT(F)	1	7" x 24" x 7" (17.9 x 61.0 x 17.9 cm)	—	GH-99253-00	
Half-sized	2 L/min	100 psi (6.9 bar)	5 psi (0.3 bar)	40 to 120°F (4 to 49°C)	½" NPT(F)	1	7" x 14" x 8½" (17.9 x 35.6 x 22.0 cm)	—	GH-99259-00	

Thermo Scientific™ Barnstead™ Hose Nipple Cartridge System

Customize your system with application-specific cartridges

- Disposable cartridges are ideal for use in nonpressurized applications
- Inert polypropylene cartridge material prevents contamination



Cartridge holder 99260-50 shown with cartridge 99260-14

Specifications

Max flow rate: 1.25 L/min **Connection:** ⅜" hose barb at each end **Diameter:** 3¼" (8.7 cm)

Description	Function	Cartridge media	Capacity	Catalog number	Price
½-size cartridges, 10.2" (25.9 cm) long					
Combination	Ion exchange, oxygen removal	Combination resin	190 grains as NaCl	GH-99260-00	
Mixed-bed deionization	Ultrapure ion exchange	Resin	430 grains as NaCl	GH-99260-01	
⅔-size cartridges, 13.3" (33.8 cm) long					
Two-bed deionization	High capacity, ion exchange, strong cation exchange	Resin†	1100 grains as NaCl	GH-99260-03	
Mixed-bed combination	Ion exchange with activated carbon	Combination resin†	470 grains as NaCl	GH-99260-05	
Full-size cartridges, 18.7" (47.5 cm) long					
Two-bed deionization	High capacity, lower purity	Resin†	430 grains as NaCl	GH-99260-02	
Mixed-bed deionization	High purity, lower capacity		760 grains as NaCl	GH-99260-04	
Pretreatment	Cation exchange		3000 grains as NaCl	GH-99260-06	
Pretreatment	Macroreticular cation exchange	Resin	—	GH-99260-07	
	Organics and chlorine removal	Activated charcoal	—	GH-99260-08	
Pretreatment	Oxygen removal, strong anion exchange	Resin	30 g	GH-99260-09	
	Ultrapure ion exchange	Resin	915 grains as NaCl	GH-99260-10	
Pretreatment	Organics, chlorine, and ion removal	Resin/activated charcoal†	1450 grains as NaCl	GH-99260-14	
Mixed-bed combination	Organic removal and high-purity deionization	Resin/activated charcoal†	600 grains as NaCl	GH-99260-16	

†Color-changing resin indicates when cartridge is exhausted. Cannot use with alcohol-containing fluids.

[GH-99260-50](#) Cartridge holder, wall mount. Holds one ion exchange cartridge