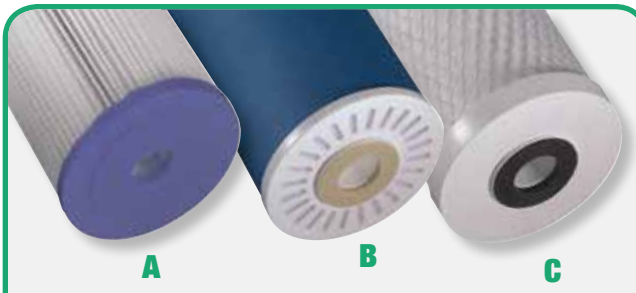

"Big Blue" Special-Purpose Cartridges

A. Pleated Cartridges. This design offers higher flow rates and dirt-loading capacities than spun or wound depth cartridges, especially when removing lower micron-sized particles.

General-Purpose Polyester or Polypropylene. Both types are nonwoven designs giving them a graded pore structure. Choose either depending on chemical compatibility requirements. Polyester cartridges are suitable to 125°F (52°C); PP suitable to 145°F (63°C). The 50-micron cartridge is certified to NSF Standard 42 for materials.

Economical Cellulose. Cellulose is a low-cost well-performing option for pretreated waters better suited for chemically neutral waters with lower chlorine concentrations. Suitable to 145°F (63°C).

Cartridge type	µm rating	Flow rate†	Length	Catalog number	Price
Polyester Polypropylene Cellulose	50 30 20	10 GPM at <1 psid 30 GPM at <1 psid 35 GPM at <1 psid	10" (25.4 cm)	GH-01508-80 GH-01508-86 GH-01512-74	
Cellulose	20	10 GPM at <1 psid	20" (50.8 cm)	GH-01512-76	

†psid refers to pounds per square inch pressure drop through the filter system.

B. Granular Activated Carbon Cartridges remove organic tastes/odors and chlorine. Special design maximizes contact time and reduces channeling or bypass that is common with GAC cartridges. Included within the cartridge is a 20-micron post-filter to reduce carbon fines††. The 20" (50.8 cm) cartridge meets NSF Standard 42 for materials; suitable to 125°F (52°C).

µm rating, nominal	Flow rate†	Length	Catalog number	Price
20	2 GPM at 3.0 psid 4 GPM at 5.0 psid	10" (25.4 cm) 20" (50.8 cm)	GH-01512-64 GH-01512-66	

C. Carbon Block Cartridges with Cyst Removal. The bonded powdered activated carbon filter uses a unique design to remove organic tastes and odors, chlorine and sediment. *Cryptosporidium* and *Giardia* cysts are also removed with the 0.5-micron design. Cartridges are made from FDA-compliant materials and meet NSF Standard 42 for materials; suitable to 180°F (82°C).

µm rating, nominal	Flow rate†	Length	Cat. no.	Price
0.5	2 GPM at 4.6 psid 4 GPM at 8.5 psid	10" (25.4 cm) 20" (50.8 cm)	GH-01508-89 GH-01508-98	
5	2 GPM at 1.6 psid 4 GPM at 2.5 psid	10" (25.4 cm) 20" (50.8 cm)	GH-01512-54 GH-01512-56	

"Big Blue" High-Flow Cartridge Systems

Get high flow, economically

- Up to four times the filtration area than standard cartridge systems
- Order housings and cartridges separately

Housings and caps are constructed of durable polypropylene and sealed with a Buna N O-ring. Housings are suitable to 100°F (37°C); maximum operating pressure is 100 psi (6.9 bar) for 10" (25.4 cm) housings, 90 psi (6.2 bar) for 20" (50.8 cm) housings.

NSF

Port size NPT(F)	Pressure relief valve	Height	Dia	Catalog number	Price
10" housings					
3/4" 3/4" 1"	— Yes —	13 1/8" (33.3 cm)	7 1/4" (18.4 cm)	GH-01508-65 GH-01508-67 GH-01508-70	
20" housings					
1" 1"	— Yes	23 3/8" (59.4 cm)	7 1/4" (18.4 cm)	GH-29802-00 GH-29802-01	

Polypropylene String-Wound Gradient-Density Cartridges feature a string-wind pattern that provides a greater surface area and has a lower pressure drop for higher flow. Polypropylene string is resistant to chemical and bacterial attack; suitable to 165°F (74°C).

µm rating, nominal	Flow rate†	Length	Catalog number	Price
0.5 5	10 GPM at 5 psid 20 GPM at 3 psid	10" (25.4 cm)	GH-01508-78 GH-01508-76	
1 5	30 GPM at 6 psid 40 GPM at 6 psid	20" (50.8 cm)	GH-29802-37 GH-29802-38	

Dual-Layer Gradient-Density Cartridges are high-capacity cartridges that combine a prefiltration layer with a selective postfiltration layer.

This design has a holding capacity that is two to three times traditional spun or wound designs. Cartridges are made of bacteria and chemical-resistant polypropylene; suitable to 145°F (63°C). These cartridges are certified to NSF Standard 42 for materials.

Nominal µm rating		Flow rate	Length	Catalog number	Price
Prefilter	Postfilter				
25 50 75	1 5 25	20 GPM at <1 psi	20" (50.8 cm)	GH-29802-20 GH-29802-21 GH-29802-22	

†psid refers to pounds per square inch pressure drop through the filter system.

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