

AQUA FLO® PLATINUM

Better Water For Your Home & Family



Your Water Quality is a Growing Concern

Aging infrastructure and increasing groundwater contamination is a growing reality and concern. The ingestion and inhalation of water disinfection products, such as chlorine, is also undesirable and unnecessary from both an aesthetic and physical standpoint.



Finding The Right Solution

Improving your water quality is easy and economical. While bottled water remains a popular option for drinking water, it is an expensive, less convenient alternative that creates waste and is hard on the environment.

Aqua Flo™ Water Filtration Products provide you with a wide range of solutions for fresh, clean water. Not only do you get great-tasting water for drinking and cooking, you also get clear, odor free water for washing and utility use. No more carrying or storing heavy bottles either!

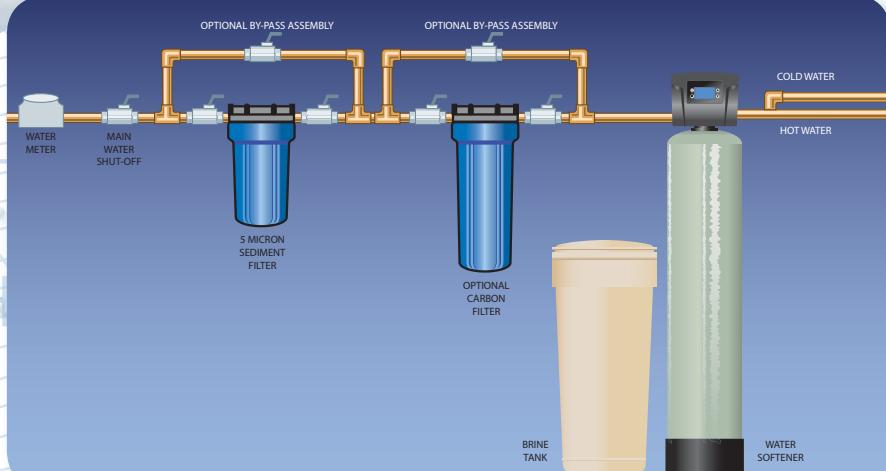
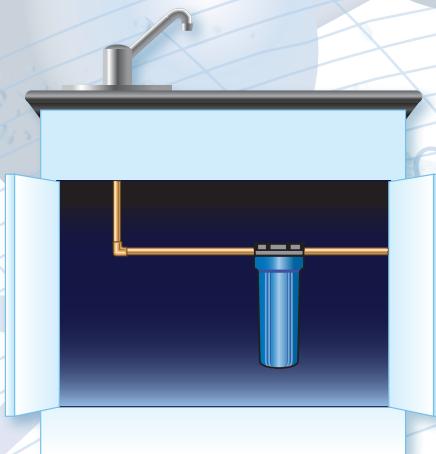
Water travels through miles of pipes before reaching your home. Chlorine is commonly used to kill bacteria along the way. Once at your tap, it is desirable to reduce chlorine.

Aqua Flo Filter Cartridges are available to solve a wide variety of water problems:

- ◆ Remove dirt, silt, clay and other sediments
- ◆ Remove iron to prevent staining
- ◆ Minimize unpleasant odors, including chlorine

Understanding Your Aqua Flo Filtration System

Aqua Flo Filtration Systems consist of a Filter Housing that connects to your plumbing system and disposable Filter Cartridge that performs the work. Depending on your needs, systems can consist of a single or series of Housings installed either under a specific sink (Point-of-Use) or where the water main enters the home (Point-of-Entry). Filter Cartridges are easily replaced periodically, typically on an annual or semi-annual basis, depending on your incoming water quality.



Point of Use

Point of Entry

All Aqua Flo Filtration products provide durable, high-quality reliable performance.

The **Aqua Flo Platinum** line features top-of-the-line performance plus **3rd party certification** which is sometimes required by local plumbing codes.

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Visit www.nsf.org for specific details on certification



Visit www.wqa.org for specific details on certification



The **Aqua Flo Value** line also offers great performance and durability at a more economical price point.

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Filter Housings

Filter Housings come in different sizes, colors, materials of construction and offer different features.

Here is a quick breakdown:

- ◆ **Size** - Required flow rates and installation space will determine the size of the housing. Housings typically come in four sizes: 2.5" x 10", 2.5" x 20", 4.5" x 10", 4.5" x 20"
- ◆ **Color** - Transparent or Opaque (Blue). Transparent housings allow for visual inspection of the cartridges but are less durable and not suitable for outdoor applications.
- ◆ **Material of Construction** - Plastic is standard for most applications. Stainless steel is used for higher temperature applications.



Double O-Ring Seal



Pressure Relief Button



Valve-in-Head



Sump Wrench



Mounting Bracket and Hardware

Features - Some housings provide additional unique features:

- ◆ **Valve-in-Head** - allows you to bypass or shut off the water during cartridge replacement.
- ◆ **Pressure Relief Button** - relieves pressure from the housing prior to changing cartridge
- ◆ **Stainless Steel Threads** - reduces possibility of cross threading and allows for tighter pipe fit
- ◆ **Double O-Ring** - ensures added seal insurance protecting from leaks

Filter Housing Kits

All Aqua Flo® Point-of-Use Water Filter Housings are easy to install and come with a mounting bracket and hardware plus sump wrench for easy sump removal. Filter cartridges are sold separately.

WARNING:

Do not use on drinking water supplies, which are microbiologically unsafe or of unknown quality without first adequately disinfecting the water. Protect against freezing to prevent cracking of the filter and water leakage.

NOTE:

All dimensions and micron ratings are nominal. The manufacturer reserves the right to make product improvements which may deviate from the specifications and descriptions stated herein, without obligation to change previously manufactured products or to note the change.

We recommended replacing the clear sump every 5 years.
Do not subject to freezing temperatures.

Filter Housings



P-H-PR-20BV

P-H-PR-20

P-H-PR-10

P-H-PR-10BV

P-SL-10-1/2-NPR

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Aqua Flo Platinum™ Housings

Item #	Model Description	Features	Filter Size (In)	Inlet/Outlet Size NPT (In)	Color	Flow Rate (USGPM)	Dimensions A X B (In)	Weight (Lbs)	Certification
36051	HOUSING, P-H-PR-10-34	Pressure Relief, Double O-Ring	2.5" x 10"	3/4"	Blue	4	5 X 12	4	NSF 42
36053	HOUSING, P-H-PR-10BV-1	Pressure Relief, Double O-Ring	4.5" x 10"	1"	Blue	15	7 X 14	6	NSF 42
36112	HOUSING, P-H-PR-20BV-1	Pressure Relief, Double O-Ring	4.5" X 20"	1"	Blue	20	7 X 24	8	NSF 42
36237	HOUSING, P-SL-10-1/2-NPR	NA	2.5" x 10"	1/2"	Blue	4	4 X 12	4	NSF 42
36273	HOUSING, P-H-PR-20-34	Pressure Relief, Double O-Ring	2.5" x 10"	3/4"	Blue	4	5 X 23	7	NSF 42

*NSF-42 for Material Safety and Structural Integrity Only

Aqua Flo™ Housings

Item #	Model Description	Features	Filter Size (In)	Inlet/Outlet Size NPT (In)	Color	Flow Rate (USGPM)	Dimensions A X B (In)	Weight (Lbs)	Certification
26065	HOUSING, WVIH34SS	Valve-in-Head, SS Thread	2.5" x 10"	3/4"	Clear	4	5" x 13.5"	4	No
26066	HOUSING, WCT34SS	Pressure Relief, SS Threads	2.5" x 10"	3/4"	Clear	4	5.25" x 12.25"	4	No
26258	HOUSING, H-PR-10BV-1	Pressure Relief	4.5" x 10"	1"	Blue	15	7.25" x 14"	6	No
26259	HOUSING, H-PR-20BV-1	Pressure Relief	4.5" x 20"	1"	Blue	20	7.25" x 24"	8	No
26261	HOUSING, H-PR-20BV-34	Pressure Relief	4.5" x 20"	3/4"	Blue	20	7.25" x 24"	8	No
26262	HOUSING, H-PR-10BV-34	Pressure Relief	4.5" x 10"	3/4"	Blue	15	7.25" x 14"	6	No
26263	HOUSING, H-PR-20BV-15	Pressure Relief	4.5" x 20"	1.5"	Blue	20	7.25" x 24"	7	No
26264	HOUSING, H-PR-10-34	Pressure Relief	2.5" x 10"	3/4"	Blue	4	5.25" x 12.25"	4	No
26265	HOUSING, H-PR-20-34	Pressure Relief	2.5" x 20"	3/4"	Blue	4	5.25" x 22.5"	7	No
65020006	HOUSING, APC34	Pressure Relief	2.5" x 10"	3/4"	Clear	4	5.25" x 12.25"	3	No
65020007	HOUSING, VIH34	Valve-in-Head	2.5" x 10"	3/4"	Clear	4	5" x 13.5"	4	No

Specifications:

- ◆ Max. Water Temperature: 30°C (100°F)
- ◆ Min. Water Temperature: 2°C (35°F)
- ◆ Max. Water Pressure; 100 psi (689 kPa)
- ◆ Materials of Construction: Reinforced Polypropylene (cap and blue sump) & Styrene-Acrilonitrile (clear sump)
- ◆ Housing O-Ring: EPDM
- ◆ Pressure Relief Button: Nylon
- ◆ Limited One Year Warranty

AQUA FLO



VIH34



APC34



WVIH34SS



H-PR-20



H-PR-20BV



H-PR-10BV



H-PR-10

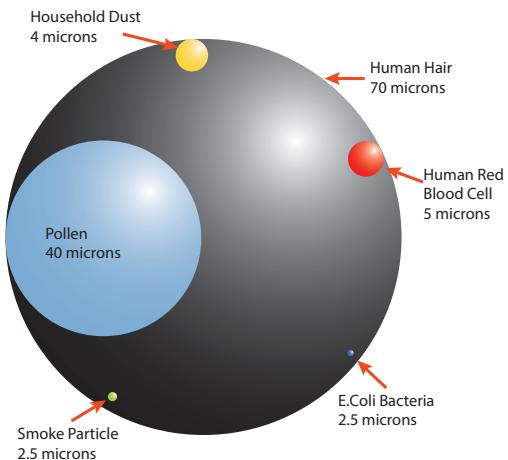


Filter Cartridges

There is an overwhelming selection of cartridges to choose from. We offer a range of popular cartridges to cover most water quality needs. Your Professional Water Specialist can help determine the correct filtration products for your needs.

What is a Micron Rating?

A micron rating is also common for most cartridges. One micron is equivalent to 0.000039 inches (the diameter of a human hair is 50 to 70 microns). Choosing the right micron rating is a balance between performance and cartridge life. If you chose a smaller micron rating and the cartridge is loading up too fast then a higher micron rated cartridge may provide a better balance.



Taste & Odor Filters

Carbon Block (CB) Cartridge Filter



The CB cartridge filter is suitable for high capacity chlorine and bad taste and odor reduction from drinking water. These filters are also used for sediment filtration, making them a great choice for pre-filtering water for reverse osmosis applications. They make an ideal choice for a wide range of residential, food service, commercial and industrial applications.



NSF/ANSI 42 for Material Safety Only. Visit www.nsf.org for specific details on certification

Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
36002	P-CB-0.5-10	2.5" X 10"	.5	10000 @ 1.0	1.0 gpm
36008	P-CB-0.5-20BV	4.5" X 20"	.5	40000 @ 6.0	6.0 gpm
36012	P-CB-10-10	2.5" X 10"	10	8000 @ 1.0	1.0 gpm
36015	P-CB-10-10BV	4.5" X 10"	10	16000 @ 3.0	3.0 gpm
36017	P-CB-10-20	2.5" X 20"	10	16000 @ 2.0	2.0 gpm
36020	P-CB-10-20BV	4.5" X 20"	10	32000 @ 6.0	6.0 gpm
36023	P-CB-5-10	2.5" X 10"	5	8000 @ 1.0	1.0 gpm
36025	P-CB-5-10BV	4.5" X 10"	5	16000 @ 3.0	3.0 gpm
36027	P-CB-5-20	2.5" X 20"	5	16000 @ 2.0	2.0 gpm
36029	P-CB-5-20BV	4.5" X 20"	5	32000 @ 6.0	6.0 gpm
36032	P-CCB-1-10	2.5" X 10"	1	8000 @ 1.0	1.0 gpm
36034	P-CCB-5-10	2.5" X 10"	5	8000 @ 1.0	1.0 gpm
36073	P-LR-0.5-10*	2.5" X 10"	.5	6000 @ 1	1.0 gpm

Features:

- ◆ High Dirt-Holding Tolerance
- ◆ High porosity maximizes utilization of the Carbon Block

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Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
26192	CCB-1-10*	2.5" X 10"	1	10,000 gallons @ 1 gpm	1 gpm
26193	CCB-5-10*	2.5" X 10"	5	6,000 gallons @ 1 gpm	1 gpm
26194	CB-0.5-10	2.5" X 10"	0.5	20,000 gallons @ 1 gpm	1 gpm
26195	CB-5-10	2.5" X 10"	5	6,000 gallons @ 1 gpm	1 gpm
26196	CB-10-10	2.5" X 10"	10	3,000 gallons @ 1 gpm	1 gpm
26197	CB-0.5-20	2.5" X 20"	0.5	45,000 gallons @ 2 gpm	2 gpm
26198	CB-5-20	2.5" X 20"	5	12,000 gallons @ 2 gpm	2 gpm
26199	CB-10-20	2.5" X 20"	10	6,000 gallons @ 2 gpm	2 gpm
26201	CB-0.5-10BV	4.5" X 10"	0.5	50,000 gallons @ 2 gpm	2 gpm
26202	CB-5-10BV	4.5" X 10"	5	22,000 gallons @ 2 gpm	2 gpm
26203	CB-10-10BV	4.5" X 10"	10	15,000 gallons @ 2 gpm	2 gpm
26204	CB-0.5-20BV	4.5" X 20"	0.5	150,000 gallons @ 4 gpm	4 gpm
26205	CB-5-20BV	4.5" X 20"	5	40,000 gallons @ 4 gpm	4 gpm
26206	CB-10-20BV	4.5" X 20"	10	30,000 gallons @ 4 gpm	4 gpm

Material Information

End Cap Material – Polypropylene
Gasket – PVC/Silicone
Filter Media – Acid Washed Activated Carbon (Coal or Coconut Shell Based)
Netting – Polypropylene
Expansion Pad – Polypropylene

Filter Cartridges

Radial Flow (RF) Granular Activated Carbon Cartridge Filters

The RF cartridge filters are the solution for effective reduction of chlorine and bad taste and odor. These filters provide low pressure drop and carbon fines released from the filter are much less compared to the same size GAC style cartridge filter.

Features:

- ◆ Ideal for POE (whole house) and other high flow rate applications
- ◆ Unique design reduces carbon fines in filtered water
- ◆ Very low pressure drop



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Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
36089	P-RF-10BV	4.5" X 10"	N/A	15,000 @ 3.0	3.0
36091	P-RF-20BV	4.5" X 20"	N/A	30,000 @ 6.0	6.0



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Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
26253	RF-20	2.5" X 20"	N/A	6,000 gallons @ 2 gpm	4 gpm
26254	RF-10	2.5" X 10"	N/A	3,000 gallons @ 1 gpm	1 gpm
26255	RF-10BV	4.5" X 10"	N/A	35,000 gallons @ 2 gpm	4 gpm
26256	RF-20BV	4.5" X 20"	N/A	70,000 gallons @ 4 gpm	8 gpm

Granular Activated (CGAC) Carbon Cartridge Filter

The CGAC cartridge filters are effective in reduction of chlorine and other bad taste and odor from drinking water.

Material Information

Filter Media – Granular Activated Coal Based Carbon
Outer Shell – Polypropylene
End Caps – Polypropylene
Gasket – PVC/Silicone
Core – Polypropylene

Features:

- ◆ Effective taste/odor/chlorine reduction
- ◆ Designed for maximum adsorption
- ◆ Post filter to reduce carbon fines

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
26081	WCB10	2.5" X 10"	7,500 gallons @ 1 gpm	1 gpm @ 7 psi drop
26277	CGAC-10	2.5" X 10"	5,000 gallons @ 1.0 gpm	1 gpm @ 7 psi drop
26186	CGAC-20	2.5" X 20"	10,000 gallons @ 2.0 gpm	2 gpm @ 15 psi drop
26187	CGAC-BV	4.5" X 10"	12,500 gallons @ 2.0 gpm	2 gpm @ 5 psi drop
26188	CGAC-20BV	4.5" X 20"	25,000 gallons @ 4.0 gpm	4 gpm @ 5 psi drop



Filter Cartridges

Impregnated Carbon Cellulose (ICC) Dual Purpose Filter

The ICC cartridge filter has a dual benefit for sediment filtration and reduction of chlorine and bad taste and odor from drinking water. These carbon wrap sediment cartridges consist of polypropylene melt blown core with carbon impregnated outer layer wrap. It is an economical solution for general water filtration requirements. This filter has high dirt-loading capacity and is recommended for chlorinated water supplies. These dual-purpose cartridges are well suited for residential applications, and are great polishing filters for closed-loop water stream systems. The netting and reinforced support provide strength to the filter.



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Features:

- ◆ Provides sediment filtration as well as taste/odor /chlorine reduction
- ◆ High dirt loading capacity
- ◆ External netting for additional strength



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Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
26278	ICC-5-10	2.5" X 10"	5	2,500 gallons @ 1 gpm	5 gpm
26189	ICC-20-20BV	4.5" X 20"	20	7,500 gallons @ 4 gpm	10 gpm

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Part #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
36151	P-ICC-5-5	2.5" X 5"	5	250 @ 0.5	0.5
36062	P-ICC-5-10	2.5" X 10"	5	100 @ 1.0	2.0
36064	P-ICC-5-20	2.5"X20"	5	100 @ 1.0	2.0

Item 36151 & 36064 are NSF / ANSI 42 for Material Safety Only.
Item 36062 is WQA Certified to NSF / ANSI 42 Standards.

Material Information

End Cap Material - Polypropylene
Core - Polypropylene
Gasket - Silicone/PVC
Filter Media - Carbon Impregnated Cellulose
Netting - Polypropylene

Impregnated Carbon Polyester (ICP) Dual Purpose Filter

The ICP cartridge filter has a dual benefit for sediment filtration and reduction of chlorine and bad taste and odor from drinking water. These carbon wrap sediment cartridges consist of polypropylene melt blown cores with carbon impregnated outer layer wraps. It is an economical solution for general water filtration requirements. This filter is recommended for chlorinated water supplies. These dual-purpose cartridges are well suited for residential applications and are great polishing filters for closed-loop water stream systems.

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Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
36066	P-ICP-10-10BV	4.5" X 10"	10	100 @ 1	2 gpm
36182	P-ICP-10-20	2.5"X20"	10	1000 @ 2	2 gpm

Features:

- ◆ Provides sediment filtration as well as taste/odor /chlorine reduction
- ◆ High dirt loading capacity
- ◆ External netting for additional strength

Material Information

End Cap Material - Polypropylene
Core - Polypropylene
Gasket - Silicon/PVC
Filter Media - Carbon Impregnated Polyester
Netting - Polypropylene

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Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
26190	ICP-10-10	2.5" X 10"	5	2,500 gallons @ 1 gpm	5 gpm
26191	ICP-10-20BV	4.5" X 20"	20	7,500 gallons @ 4 gpm	10 gpm

Filter Cartridges



Polypropylene Melt Blown (PPMB) Filter Cartridges

The PPMB cartridge filters are made by thermally bonding polypropylene microfibers for higher filtration efficiency performance. The polypropylene material is chemical resistant and not prone to bacterial attack. They will also not add any taste, color and odor to the water. They are available in wide variety of sizes and micron ratings.

Features:

- ◆ Constructed from high quality polypropylene filter media for higher filtration efficiency
- ◆ Thermally bonded micro-fiber construction for high strength
- ◆ Available in micron ratings from 1 to 50 and lengths from 10"- 30"



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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
36198	P-PMB-10-5	2.5" X 10"	5	2 gpm
36199	P-PMB-10-10	2.5" X 10"	10	2 gpm
36200	P-PMB-10-25	2.5" X 10"	25	2 gpm
36202	P-PMB-20-1	2.5" X 20"	1	5 gpm
36203	P-PMB-20-5	2.5" X 20"	5	5 gpm
36204	P-PMB-20-10	2.5" X 20"	10	5 gpm
36205	P-PMB-20-25	2.5" X 20"	25	5 gpm
36249	P-PMB-10-1	2.5" X 10"	1	2 gpm
36250	P-PMB-10-50	2.5" X 10"	50	2 gpm
36251	P-PMB-20-50	2.5" X 20"	50	5 gpm
36252	P-PMB-30-1	2.5" X 30"	1	6 gpm
36254	P-PMB-30-25	2.5" X 30"	25	6 gpm

Material Information

Filter Media – Polypropylene
Core – Polypropylene

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
26269	PPMB-5-10	2.5" X 10"	5	3 gpm
26223	PPMB-10-10	2.5" X 10"	10	4 gpm
26224	PPMB-25-10	2.5" X 10"	25	5 gpm
26225	PPMB-50-10	2.5" X 10"	50	8 gpm
26226	PPMB-1-20	2.5" X 20"	1	4 gpm
26227	PPMB-5-20	2.5" X 20"	5	7 gpm
26228	PPMB-10-20	2.5" X 20"	10	9 gpm
26229	PPMB-25-20	2.5" X 20"	25	11 gpm
26230	PPMB-50-20	2.5" X 20"	50	15 gpm
26231	PPMB-1-40	2.5" X 40"	1	8 gpm
26232	PPMB-5-40	2.5" X 40"	5	14 gpm
26233	PPMB-20-40	2.5" X 40"	20	20 gpm
26234	PPMB-1-10BV	4.5" X 10"	1	6 gpm
26235	PPMB-5-10BV	4.5" X 10"	5	10 gpm
26236	PPMB-10-10BV	4.5" X 10"	10	11 gpm
26237	PPMB-20-10BV	4.5" X 10"	20	14 gpm
26238	PPMB-1-20BV	4.5" X 20"	1	12 gpm
26239	PPMB-5-20BV	4.5" X 20"	5	20 gpm
26240	PPMB-10-20BV	4.5" X 20"	10	20 gpm
26241	PPMB-20-20BV	4.5" X 20"	20	20 gpm

Filter Cartridges



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String Wound (SW) Polypropylene Cartridge Filters

SW cartridge filters are manufactured from polypropylene cord which is wound around the polypropylene core. These cartridge filters are economical solution for reduction of sediment, sand, rust and scale particles from the drinking water.

Features:

- ◆ String wound filters reduces sediment from a variety of liquids
- ◆ Low pressure drop
- ◆ Withstand high temperatures
- ◆ Wide chemical compatibility

Material Information

Filter Media –
Polypropylene
Core –
Polypropylene

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
36101	P-SW-10-10	2.5" X 10"	10	10 gpm
36102	P-SW-1-20	2.5" X 20"	1	10 gpm
36104	P-SW-30-10	2.5" X 10"	30	10 gpm
36106	P-SW-50-10	2.5" X 10"	50	10 gpm
36109	P-SW-5-10	2.5" X 10"	5	10 gpm
36138	P-SW-5-10BV	4.5" X 10"	5	15 gpm
36140	P-SW-25-10B	4.5" X 10"	25	15 gpm
36141	P-SW-1-20BV	4.5" X 20"	1	20 gpm
36142	P-SW-5-20BV	4.5" X 20"	5	20 gpm
36143	P-SW-25-20BV	4.5" X 20"	25	20 gpm
36241	P-SW-100-20BV	4.5" X 20"	100	20 gpm

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
26273	SW-5-10	2.5" X 10"	5	5 gpm
26246	SW-10-10	2.5" X 10"	10	7 gpm
26247	SW-30-10	2.5" X 10"	30	10 gpm
26249	SW-50-10	2.5" X 10"	50	10 gpm
26250	SW-1-20	2.5" X 20"	1	15 gpm
26251	SW-5-20	2.5" X 20"	5	15 gpm
26252	SW-30-10BV	4.5" X 10"	30	20 gpm
26281	SW-1-10BV	4.5" X 10"	1	20 gpm
26282	SW-5-10BV	4.5" X 10"	5	20 gpm
26283	SW-10-10BV	4.5" X 10"	10	20 gpm
26284	SW-20-10BV	4.5" X 10"	20	20 gpm
26285	SW-25-10BV	4.5" X 10"	25	20 gpm
26286	SW-50-10BV	4.5" X 10"	50	20 gpm
26287	SW-1-20BV	4.5" X 20"	1	30 gpm
26288	SW-5-20BV	4.5" X 20"	5	30 gpm
26289	SW-10-20BV	4.5" X 20"	10	30 gpm
26292	SW-20-20BV	4.5" X 20"	20	30 gpm
26293	SW-25-20BV	4.5" X 20"	25	30 gpm
26294	SW-50-20BV	4.5" X 20"	50	30 gpm



Filter Cartridges



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Pleated Polyester Cartridge (PPC) Filter

The PPC cartridge filters are made from resin impregnated cellulose and polyester fibers. They are constructed with thermally bonded media with end caps and inner core heat sealed together.

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
36122	P-PPC-5-10	2.5" X 10"	5.0	10 gpm
36130	P-PPC-5-10BV	4.5" X 10"	5.0	10 gpm
36134	P-PPC-5-20BV	4.5" X 20"	5.0	20 gpm

Material Information

End Cap Material - Polyurethane
Inner Core Material – Polypropylene
Filter Media – Polyester Fabric

Features:

- ◆ Special formulation of resin impregnated cellulose and polyester fibers
- ◆ Provides higher wet strength than regular cellulose cartridges
- ◆ High flow rate and high dirt holding capacity
- ◆ Wide variety on sizes and micron ranges available

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
26174	PPC-1-10	2.5" X 10"	1	5 gpm
26175	PPC-5-10	2.5" X 10"	5	7 gpm
26176	PPC-1-20	2.5" X 20"	1	10 gpm
26177	PPC-5-20	2.5" X 20"	5	13 gpm
26178	PPC-5-10BV	4.5" X 10"	5	18 gpm
26179	PPC-20-10BV	4.5" X 10"	20	20 gpm
26180	PPC-5-20BV	4.5" X 20"	5	20 gpm
26181	PPC-20-20BV	4.5" X 20"	20	35 gpm



Pleated Polyester Reusable (PR) Cartridge Filter

PR cartridge filters are made from reusable polyester fibers which are pleated to maximize dirt holding capacity. These cartridge filters are multi-purpose.

Features:

- ◆ Pleated design maximizes dirt-holding capacity
- ◆ Durable, versatile and reusable
- ◆ Polyester media is bacteria and chemical resistant
- ◆ Nominal 30-micron rating and nominal 50-micron rating

AQUA FLO®
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specific details on certification

Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
36076	P-PR-30-10	2.5"X10"	30.0	9600	10.0
36078	P-PR-30-10BV	4.5" X 10"	30.0	24000	10.0
36083	P-PR-30-20BV	4.5" X 20"	30.0	48000	10.0
36085	P-PR-50-10	2.5"X10"	50.0	9600	10.0
36087	P-PR-50-10BV	4.5" X 10"	50.0	24000	10.0

Material Information

Filter Media – Polypropylene
End Caps – Polyurethane
Core – Polyurethane



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Item #	Model #	Maximum Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
26242	PR-30-10BV	4.5" X 10"	30	24,000 @ 10.0 gpm	10 gpm
26243	PR-50-10BV	4.5" X 10"	50	24,000 @ 10.0 gpm	10 gpm
26244	PR-30-20BV	4.5" X 20"	30	48,000 @ 10.0 gpm	20 gpm



Filter Cartridges



Pleated Cellulose (PC) Filter Cartridges

The PC cartridge filters are made from pleated cellulose media and are recommended for general water filtration requirements.

Material Information

End Cap Material - Polyurethane
Inner Core Material – Polypropylene
Filter Media –Cellulose paper

Features:

- ◆ Pleated design maximizes dirt-holding capacity
- ◆ Designed for general water filtration purposes
- ◆ Nominal 20-micron rating
- ◆ Cellulose based material



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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
36154	P-PC-20-10	2.5" X 10"	20.0	10 gpm
36156	P-PC-20-10BV	4.5" X 10"	20.0	10 gpm
36157	P-PC-20-20BV	4.5" X 20"	20.0	20 gpm

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
26276	PC-20-10	2.5" X 10"	20	10 gpm
26182	PC-20-20	2.5" X 20"	20	15 gpm
26183	PC-20-10BV	4.5" X 10"	20	20 gpm
26184	PC-20-20BV	4.5" X 20"	20	35 gpm



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Dual Gradient (DG) Density Cartridge Filters



DG cartridge filters are made from 100% polypropylene. The progressively loose structure from inside to outside enhance cartridge performance in reduction of dirt, dust and other particles. The two separate gradient layers of the filter enhances the performance such that it achieves a much higher dirt-loading capacity compared to similar size sediment cartridge filters including spun and string-wound. They make an ideal sediment reduction choice for a wide range of residential, food service, commercial and industrial applications.

Features:

- ◆ No Fiber release and media migration
- ◆ Designed for purity, bacteria and chemical resistance
- ◆ Two Separate Gradient density layers enhance cartridge performance
- ◆ Three times the dirt-holding capacity than other traditional sediment filters

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
36041	P-DG-25-1-20BBV	4.5" x 20"	25/0/1	20.0
36043	P-DG-50-5-10BV	4.5" X 10"	50/5	10.0
36045	P-DG-50-5-20BV	4.5" X 20"	50/5	20.0
36047	P-DG-75-25-10BV	4.5" X 10"	75/25	10.0
36049	P-DG-75-25-20BV	4.5" X 20"	75/75	20.0

Material Information

Filter Media – Polypropylene

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
26207	DG-25-1-10BV	4.5" X 10"	25/1	10 gpm
26208	DG-50-5-10BV	4.5" X 10"	50/5	10 gpm
26209	DG-75-25-10BV	4.5" X 10"	75/25	10 gpm
26210	DG-25-1-20BV	4.5" X 20"	25/1	20 gpm
26211	DG-50-5-20BV	4.5" X 20"	50/5	20 gpm
26212	DG-75-25-20BV	4.5" X 20"	75/25	20 gpm

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Filter Cartridges



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Spun Poly Bonded (SPB) Cartridge Filters

The SPB filters are manufactured from 100% polypropylene which is resistant to chemical and less prone to bacterial attack. Also they do not impart any taste and odor to the water.

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
36095	P-SPB-25-10	2.5" X 10"	25.0	5 gpm
36097	P-SPB-5-10	2.5" X 10"	5.0	5 gpm
36099	P-SPB-5-20	2.5" X 20"	5.0	10 gpm

Features:

- ◆ Use on chlorinated or non-chlorinated supplies.
- ◆ Designed for purity, bacteria and chemical resistance
- ◆ Spun fibers form a true gradient
- ◆ Density from outer to inner surfaces

Material Information

Filter Media – Polypropylene

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Item #	Model #	Maximum Size	Micron	Flow Rate (gpm)
26213	SPB-1-10	2.5" X 10"	1	4 gpm
26222	SPB-5-10	2.5" X 10"	5	5 gpm
26221	SPB-5-20	2.5" X 20"	5	10 gpm



Filter Cartridges: Specialty Filters

Water Softening

These cation exchange softening cartridges utilize a bed of sodium form cation resin beads to reduce hardness and scale deposits. The convenient and space-saving design of our WS Series cartridges means that softened water can be provided easily and cost effectively at the exact point of need.

Item #	Model #	Maximum Size	Capacity (grains)
36242	P-WS-10	2.5" X 10"	1,414
36243	P-WS-20	2.5" X 20"	2,520
36244	P-WS-20BV	4.5" X 20"	6,295

Deionization

These high-capacity, semi-conductor grade resin cartridges are ideal for use in pharmaceuticals, medical laboratories, cosmetics, and circuit board printing applications.

Item #	Model #	Maximum Size
36179	P-DI-10	2.5" X 10"
36180	P-DI-20	2.5" X 20"
36178	P-DI-20BB	4.5" X 20"

Iron Reduction

This cartridge helps to eliminate the orange and brown stains often found in sinks, toilets, tubs and other plumbing fixtures.

Item #	Model #	Maximum Size	Capacity (ppm)
36236	P-IR-20BV	4.5" X 20"	1,492 @ 3gpm

In-line Cartridge

Sealed in-line filters feature coconut shell, granular activated carbon, and are designed to reduce unwanted taste, odor and chlorine taste and odor.

Item #	Model #	Maximum Size	Micron
36070	P-IL-GAC-1/4	2" x 10	5
36248	P-IL-CGAC-3/8	2" x 10	5
36230	P-IL-PH-1/4	2" x 10	20

Ice Maker

High grade coconut shell activated carbon and a filter element for sediment removal make this the ideal choice for ice makers and water dispensers. Enjoy clean, clear, great tasting water and ice cubes.

Item #	Model #	Maximum Size
26003	WIM14	2.25" X 8"

Filter Cartridges: Stainless Steel Housings



Features:

- ◆ Heavy-duty units for smaller filtration systems and point-of-use applications
- ◆ Brushed 304 stainless steel sump with a cast brass / nickel plated head
- ◆ Ideal for high-pressure / hot water applications
- ◆ Utilizes double open-end cartridges

Materials of Construction

Housing	Brushed 304 Stainless Steel
Head	Brass / Nickel Plated
Max Temperature	180°F (82°C)
Pipe Size	3/4" NPT
Sealing Gaskets	Buna-N, Cellulose Fiber



Tin Core-String Wound Cartridges

- ◆ Tin core and string wound natural cotton media is suitable for general purpose high temperature filter applications with water, oils, solvents, paints and other non-FDA (non-potable) applications.
- ◆ Maximum Cartridge Temperature - 180°F (82°C)
- ◆ 2.5" O.D. Core x 10" Length (suitable for #10 and ST-1 Housings)
- ◆ Available in 5, 10, 25, 50 micron ratings

304SS Core String Wound Cartridges

- ◆ Maximum Cartridge Temperature - 180°F (82°C)
- ◆ Suitable for potable water

Cartridges

Item #	DESCRIPTION	WEIGHT (LBS)
26134	Sediment, 10" 10 Micron, Hot Water, Tin Core, Non-potable	0.5
26135	Sediment, 10" 25 Micron, Hot Water, Tin Core, Non-potable	0.5
26136	Sediment, 10" 50 Micron, Hot Water, Tin Core, Non-potable	0.5
26137	Sediment, 10" 5 Micron, Hot Water, Non-potable SS	0.5
26138	Sediment, 10" 10 Micron, Hot Water, Non-potable SS	0.5
26139	Sediment, 10" 25 Micron, Hot Water, Non-potable SS	0.5
26140	Sediment, 10" 50 Micron, Hot Water, Non-potable SS	0.5
26141	Sediment, 10" 5 Micron, Hot Water, Tin Core, Non-potable	0.5

- ◆ 2.5 O.D. Core x 10" Length (suitable for #10 and ST-1 Housings)
- ◆ Available in 5, 10, 25, 50 micron ratings

Housings

Item #	Model	Maximum Dimensions	Flow Rate (gpm)	Maximum Pressure
36146	SS-1	14 1/8" x 4 1/8" (360mm x 105mm)	10 gpm (38 lpm)	250 psi (17.2 bar)
36147	SS-2	24" x 4 1/8" (610mm x 105mm)	15 gpm (57 lpm)	250 psi (17.2 bar)
36148	SS-3	33 5/8" x 4 1/8" (853mm x 105mm)	20 gpm (76 lpm)	250 psi (17.2 bar)

* Maximum cartridge diameter 3" (76mm)

#36145 Side Stream Filter Assembly

Pre-Assembled SS-1 Housing with stainless steel shutoffs and stainless steel flow indicator.



Side stream filters are primarily used for filtering a portion of the water in a closed loop boiler system to protect the boiler, controls and circulating pumps

Dimensions: 14 1/8" (h) x 20 3/4" (w) x 4 1/8" (d)

Bag Filters

BF Series (Polypropylene Felt)

- ◆ Filtration ratings from 1 to 200 microns to comply with any filtration requirement
- ◆ Manufactured from felt due to its high solids loading capabilities versus similar mesh fabrics
- ◆ The media is created by needle-punching two layers of synthetic fibers together in a supporting scrim
- ◆ A glazed finish, created by melting the outermost surface fibers, is used to produce a bond that reduces the possibility of migration.

Item #	Model #	Maximum Size	Micron
36184	P-BF-410-1	4" X 10"	1
36185	P-BF-410-10	4" X 10"	10
36186	P-BF-410-100	4" X 10"	100
36187	P-BF-410-25	4" X 10"	25
36188	P-BF-410-5	4" X 10"	5
36189	P-BF-410-50	4" X 10"	50
36190	P-BF-420-1	4" X 20"	1
36191	P-BF-420-10	4" X 20"	10
36192	P-BF-420-100	4" X 20"	100
36193	P-BF-420-200	4" X 20"	200
36194	P-BF-420-25	4" X 20"	25
36195	P-BF-420-5	4" X 20"	5
36196	P-BF-420-50	4" X 20"	50

High Flow Stainless Steel Housings

Features

- ◆ Side Inlet / Outlet connections
- ◆ Designed for industrial and commercial application.
- ◆ Stainless steel 304/316L heavy duty construction
- ◆ V Clamp Band for quick cartridge replacement
- ◆ Standard housings accept OD2.5" DOE cartridge

Item #	Model #	Qty.(length) of Cartridge	Max.Flow (gpm)	Inlet/Outlet Connection	Vent	Drain	Max. Cartridge Diameter
36219	Housing,P-SS-BC-12	4(30")	84/105	2" MNPT	1/4"NPT	1/2"NPT	OD2.5"
36220	Housing,P-SS-BC-16	4(40")	112/140	2" MNPT	1/4"NPT	1/2"NPT	OD2.5"
36221	Housing,P-SS-BC-20	5(40")	84	2" MNPT	1/4"NPT	1/2"NPT	OD2.5"
36222	Housing,P-SS-BC-4	4(10")	28/35	2" MNPT	1/4"NPT	1/2"NPT	OD2.5"
36223	Housing,P-SS-BC-8	4(20")	56/70	2" MNPT	1/4"NPT	1/2"NPT	OD2.5"

Housing, P-SS-BC-8



Accessories



Sump Wrenches

#26007 - Wrench with six notches fits all 10" clear housings.
#92508 - Wrench, H-PR-10 and H-PR-20 Models
#92509 - Wrench, Big Valve Housings, H-PR-BV Models



Aqua Flo Sump O-Rings

#92512 - O-Ring, Sump, Big Value Housings, H-PR-BV
#92513 - O-Ring, Sump, H-PR-10 and H-PR-20
#92060 - O-Ring, Sump, WCT34SS and WVIH34SS
#26022 - O-Ring, Sump, APC and VIH

Cartridge Selection Guide

Model #	Scale and Rust Particles	Coarse Sand	Sand/ Dirt/ Silt	Fine Dirt/ Silt/ Sand	Extra Fine Dirt/Silt/ Sand	Bad Taste & Odor	Aesthetic Chlorine: Taste & Odor
Pleated Polyester Cartridge (PPC) Filter							
PPC-1-10, PPC-5-20BV P-PPC-5-BV	✓	✓	✓	✓	✓		
PPC-20-10BV	✓	✓	✓				
PPC-20-20BV	✓	✓	✓				
Dual Gradient (DG) Density Cartridge Filter**							
DG-25-1-10BV, DG-50-5-20BV P-DG-50-5-20BV	✓	✓	✓	✓	✓		
DG-75-25-10BV, DG-75-25-20BV	✓	✓	✓				
Carbon Block (CB) Cartridge Filter (†)							
P-CCB-1-10 , P-CB-10-20BV CCB-1-10, CB-10-20BV						✓	✓
Pleated Polyester Reusable (PR) Cartridge Filter							
PR-30-10BV, P-PR-30-10BV, P-PR-30-20BV PR-30-20BV	✓	✓					
Radial Flow (RF) Granular Activated Carbon Cartridge Filter							
RF-20, RF-20BV P-RF-20BV						✓	✓
Impregnated Carbon Cellulose (ICC) Dual Purpose Filter (‡) (‡)							
ICC-5-10 P-CC-5-10	✓	✓	✓	✓	✓	✓	✓
ICC-20-20BV	✓	✓	✓			✓	✓
Impregnated Carbon Polyester (ICP) Dual Purpose Filter (‡)							
ICP-10-10	✓	✓	✓	✓	✓	✓	✓
ICP-10-20BV	✓	✓	✓			✓	✓

Model #	Scale and Rust Particles	Coarse Sand	Sand/ Dirt/ Silt	Fine Dirt/ Silt/ Sand	Extra Fine Dirt/Silt/ Sand	Bad Taste & Odor	Aesthetic Chlorine: Taste & Odor
Pleated Cellulose (PC) Cartridge Filter*							
PC-20-10, P-PC-20-20BV PC-20-20BV	✓	✓	✓				
Granular Activated Carbon (GAC) Cartridge Filter (††)							
CGACC-10, CGAC-20BV						✓	✓
Spun Poly Bonded (SPB) Cartridge Filter							
SPB-1-10, SPB-5-20 P-SPB-5-20	✓	✓	✓	✓	✓		
Polypropylene Melt Blown (PPMB) Filter Cartridge							
PPMB-5-10, PPMB-5-20BV	✓	✓	✓	✓	✓		
PPMB-10-10, PPMB-10-20BV	✓	✓	✓	✓			
PPMB-25-10	✓	✓	✓				
PPMB-50-10	✓	✓					
PPMB-25-20	✓	✓	✓				
PPMB-50-20	✓	✓					
PPMB-20-40	✓	✓	✓				
PPMB-20-10BV	✓	✓	✓				
PPMB-20-20BV	✓	✓	✓				
String Wound (SW) Cartridge Filter							
SW-5-10, P-SW-5-10 SW-5-20	✓	✓	✓	✓	✓		
SW-30-10, P-SW-30-10 SW-30-10	✓	✓					

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