

# AQUA FLO<sup>®</sup>

## Better Water For Your Home & Family





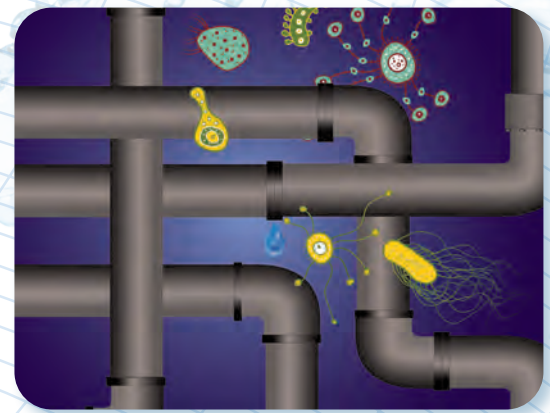
# Your Water Quality is a Growing Concern

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!



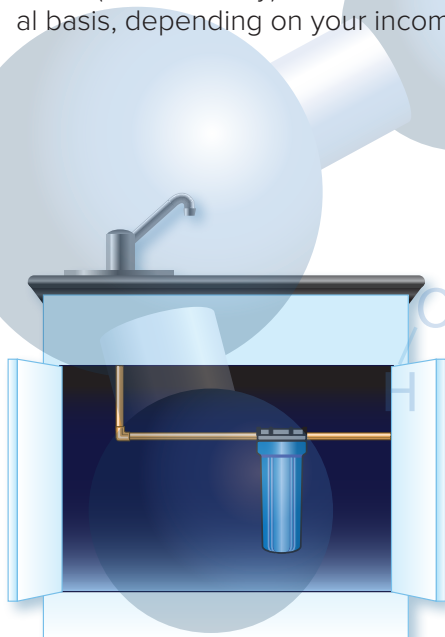
Water travels through miles of pipes before reaching your home. Chlorine is commonly used to kill bacteria along the way. Once at your tap, it is desirable to reduce chlorine.

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

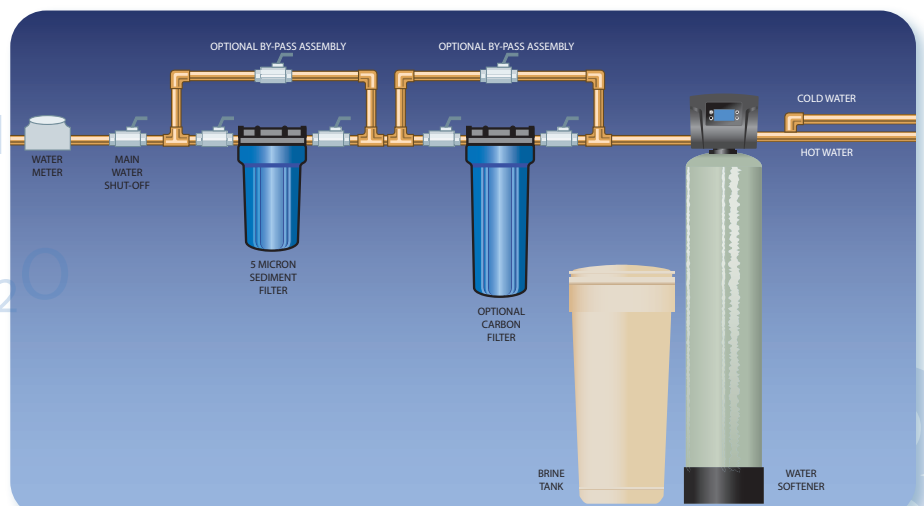
- ◆ Remove dirt, silt, clay and other sediments
- ◆ Remove iron to prevent staining
- ◆ Minimize unpleasant odors, including chlorine

## 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.

# AQUA FLO®

## Filter Housing Kits

**Aqua Flo® Filter Housings** are made to last, offering high-quality performance at economical prices. All housing kits are easy to install and come complete with a mounting bracket and hardware plus sump wrench for easy sump removal. Filter cartridges are sold separately.



### FEATURES / BENEFITS:

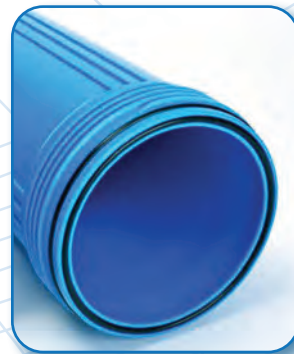
- ◆ **Size** – Required flow rates and installation space will determine the size of the housing. Housings typically come in four sizes: 2.5" x 10", 2.5" x 20", 4.5" x 10", 4.5" x 20"
- ◆ **Material of Construction** – Reinforced Polypropylene
- ◆ **Valve-in-Head (26069 only)** – allows you to bypass or shut off the water during cartridge replacement.
- ◆ **Pressure Relief Button (Except 26069)** – relieves pressure from the housing prior to changing cartridge
- ◆ **Stainless Steel Threads (26069 only)** – reduces possibility of cross threading and allows for tighter pipe fit
- ◆ **Double O-Ring (Big Value 4.5" Housings Only)** – ensures added seal insurance protecting from leaks



Sump Wrench



Mounting Bracket and Hardware



Double O-Ring Seal  
(Aqua Flo Platinum BV  
Housings Only)



Pressure Relief Button



Valve-in-Head



NSF/ANSI 42

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# Filter Housing Kits

- ◆ **Max. Water Temperature:** 40°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)
- ◆ **Housing O-Ring:** EPDM
- ◆ **Pressure Relief Button:** Nylon (Except 26069)
- ◆ **Limited One Year Warranty**



P-H-PR-20BV



P-H-PR-20



P-H-PR-10BV



P-H-PR-10



WVIH34SS



NSF/ANSI 42

## SPECIFICATIONS & PERFORMANCE:

ITEM #	MODEL DESCRIPTION	FEATURES	FILTER SIZE (IN)	INLET/OUTLET SIZE NPT (IN)	COLOR	DIMENSIONS (WIDTH) X (HEIGHT) (IN)	WEIGHT (LBS)	REPLACEMENT ORING	WRENCH	CERTIFICATION*
26069	HOUSING, WVIH34SS	VALVE-IN-HEAD, SS THREAD NO PRESSURE RELIEF	2.5" x 10"	3/4"	All Blue	5 x 13.5 (127mm x 343mm)	4	92060	26007	NR
36051	HOUSING, P-H-PR-10-3/4	PRESSURE RELIEF, SINGLE (1) O-RING	2.5" x 10"	3/4"	Blue / Black	5 X 12 (127mm x 305mm)	4	60010681 x 1	93016	NSF/ANSI 42
36273	HOUSING, P-H-PR-20-3/4	PRESSURE RELIEF, SINGLE (1) O-RING	2.5" x 20"	3/4"	Blue / Black	5 X 23 (127mm x 584mm)	7	60010560 x 1	93018	NSF/ANSI 42
36117	HOUSING, P-H-PR-10BV-3/4	PRESSURE RELIEF, DOUBLE (2) O-RING	4.5" x 10"	3/4"	Blue / Black	5 X 12 (127mm x 305mm)	6	60010559 x 2	93017	NSF/ANSI 42
36053	HOUSING, P-H-PR-10BV-1	PRESSURE RELIEF, DOUBLE (2) O-RING	4.5" x 10"	1"	Blue / Black	7 X 14 (178mm x 356mm)	6	60010559 x 2	93017	NSF/ANSI 42
36112	HOUSING, P-H-PR-20BV-1	PRESSURE RELIEF, DOUBLE (2) O-RING	4.5" x 20"	1"	Blue / Black	7 x 25 (178mm x 635mm)	8	60010559 x 2	93017	NSF/ANSI 42
36114	HOUSING, P-H-PR-20BV-15	PRESSURE RELIEF, DOUBLE (2) O-RING	4.5" x 20"	1.5"	Blue / Black	7 x 25 (178mm x 635mm)	8	60010559 x 2	93017	NR
36116	HOUSING, P-H-PR-20BV-3/4	PRESSURE RELIEF, DOUBLE (2) O-RING	4.5" x 20"	3/4"	Blue / Black	7 x 25 (178mm x 635mm)	8	60010559 x 2	93017	NSF/ANSI 42

\* NSF/ANSI 42 Certified for materials and structural integrity requirements only.

**WARNING:** Do not use on drinking water supplies that 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. Do not subject to freezing temperatures.

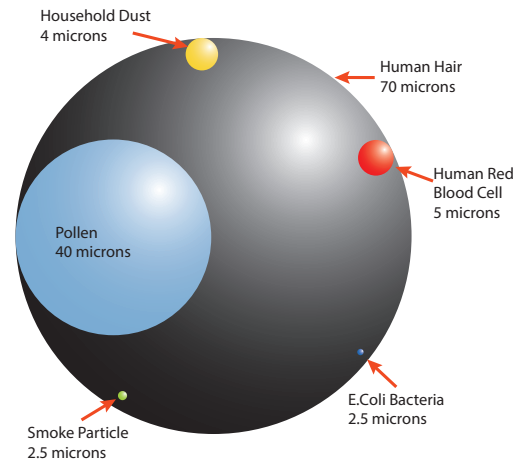


# Filter Cartridges

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.



## P-CB SERIES Carbon Block Filter Cartridges

**AQUA FLO**  
PLATINUM

**Aqua Flo P-CB Series Cartridges** are suitable for high capacity chlorine, bad taste and odor reduction.

Aqua Flo P-CB Series Cartridges are an ideal choice for a wide range of residential, food service, commercial and industrial applications. They also make excellent polishing filters or pre-filters in applications requiring fine filtration and high capacity.



### FEATURES / BENEFITS:

- ◆ Premium high capacity bad taste and odor, and chlorine taste & odor reduction
- ◆ High dirt-holding tolerance
- ◆ High porosity maximizes utilization of the carbon block
- ◆ Available in four sizes: 2.5x10"; 2.5x20"; 4.5x10"; 4.5x20"
- ◆ Universal fit – Fits most standard water filter housings
- ◆ Available in three micron ratings: 0.5; 5; 10

### SPECIFICATIONS:

- ◆ End Caps – Polypropylene
- ◆ Gasket – SBC Rubber
- ◆ Filter Media – Acid Washed Activated Carbon (Coconut Shell Based)
- ◆ Netting – Polypropylene
- ◆ Outer Wrap – Polypropylene
- ◆ Temperature Rating – 40 - 125°F (4 - 52°C)

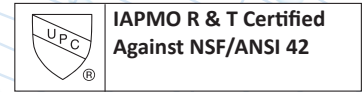
### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration
- ◆ Chlorine reduction for process water



# Filter Cartridges

## P-CB SERIES Carbon Block Filter Cartridges



### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)	CAPACITY
36002	P-CB-0.5-10	2.5" x 10" (63.5 x 254 mm)	20	0.8	0.5	1.0 US GPM (3.8 LPM)	20,000 Gallons (75,700L)
36023	P-CB-5-10	2.5" x 10" (63.5 x 254 mm)	20	0.8	5	1.0 US GPM (3.8 LPM)	17,000 Gallons (64,350L)
36012	P-CB-10-10	2.5" x 10" (63.5 x 254 mm)	20	0.6	10	1.0 US GPM (3.8 LPM)	15,000 Gallons (56,780L)
36005	P-CB-0.5-20	2.5" x 20" (63.5 x 508 mm)	12	1.8	0.5	2.0 US GPM (7.5 LPM)	45,000 Gallons (170,340L)
36027	P-CB-5-20	2.5" x 20" (63.5 x 508 mm)	12	1.4	5	2.0 US GPM (7.5 LPM)	37,000 Gallons (140,060L)
36017	P-CB-10-20	2.5" x 20" (63.5 x 508 mm)	12	1.6	10	2.0 US GPM (7.5 LPM)	35,000 Gallons (132,490L)
36001	P-CB-0.5-10BV	4.5" x 10" (114.3 x 254 mm)	12	3.4	0.5	3.0 US GPM (11.4 LPM)	70,000 Gallons (264,980L)
36025	P-CB-5-10BV	4.5" x 10" (114.3 x 254 mm)	12	2.6	5	3.0 US GPM (11.4 LPM)	60,000 Gallons (227,120L)
36015	P-CB-10-10BV	4.5" x 10" (114.3 x 254 mm)	12	2.4	10	3.0 US GPM (11.4 LPM)	52,000 Gallons (196,840L)
36008	P-CB-0.5-20BV	4.5" x 20" (114.3 x 508 mm)	6	3.8	0.5	6.0 US GPM (22.7 LPM)	150,000 Gallons (567,810L)
36029	P-CB-5-20BV	4.5" x 20" (114.3 x 508 mm)	6	4.6	5	6.0 US GPM (22.7 LPM)	120,000 Gallons (454,250L)
36020	P-CB-10-20BV	4.5" x 20" (114.3 x 508 mm)	6	4.4	10	6.0 US GPM (22.7 LPM)	100,000 Gallons (378,540L)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.

# Filter Cartridges

**AQUA FLO**<sup>®</sup>  
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## P-LR-1-10

### Lead & Chemical Reduction Filter Cartridge

The **Aqua Flo P-LR-1-10 Cartridge** is an ultra-high performance activated carbon filter designed to reduce Lead, Volatile Organic Compounds (VOC), Trihalomethanes (THM), and chlorine from potable water. It is also highly effective in improving water taste and odor.

The cartridge is made from high quality activated carbon constructed in a proprietary compact style to deliver high adsorption performance and excellent contaminant removal characteristics.

P-LR-1-10 cartridge is an ideal choice for a wide range of residential, food service, institutional, and commercial applications.



#### FEATURES / BENEFITS:

- ◆ Made of premium quality activated carbon with proprietary media
- ◆ Block construction maximizes performance
- ◆ Highly effective (> 95%) in reduction of Lead VOC and chlorine, taste/ odor up to 600 US Gal (2,271 litres)
- ◆ 1µ particulate reduction
- ◆ Universal fit – can be used with most standard 10” filter housings

#### SPECIFICATIONS:

- ◆ End Caps – Polyethylene
- ◆ Filter Media – Acid Washed Activated Carbon (Coconut Shell Based)
- ◆ Temperature Rating – 39 - 122F (4- 50C)

#### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration
- ◆ Lead & chemical reduction for process water



P-LR has been tested and certified by CSA Group to NSF/ANSI 53 for reduction of Lead, VOC, and to NSF/ANSI 42 for reduction of chlorine, taste and odor.

Certified for use with Aqua Flo model 36999\*.

\*CSA certification does not extend for use with other housings & systems.





# Filter Cartridges

## P-LR-1-10

### Lead Removal Filter Cartridge

#### SPECIFICATIONS & PERFORMANCE:

ITEM#	MODEL	MICRON RATING	LENGTH (INCH)	O.D (INCH)	I.D (INCH)	END TYPE	RATED FLOW	RATED LIFE	MAX. OPERATING TEMP
36209	P-LR-1-10	1 $\mu$	9.75"	2.65"	1"	Single Open End	0.75 US GPM	600 gal (2,271 L)	100°F (~38°C)

**NOTE:** Micron rating and dimensions are nominal

# Filter Cartridges

## CGAC SERIES Granular Activated Carbon Cartridges

**Aqua Flo CGAC Series Cartridges** effectively reduce unwanted tastes and odors, including chlorine taste & odor from your drinking water. They are designed to allow maximum contact between the water and carbon, ensuring optimal drinking water filtration.



### FEATURES / BENEFITS:

- ◆ Effective reduction of bad taste & odor and chlorine & odor reduction
- ◆ Designed for optimal adsorption
- ◆ Post-filter to reduce carbon fines
- ◆ Available in Four Sizes: 2.5x10"; 2.5x20"; 4.5x10"; 4.5x20"
- ◆ Universal fit – Fits most standard water filter housing
- ◆ Micron – not rated

**AQUA FLO®**

### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration
- ◆ Chlorine reduction for process water

### SPECIFICATIONS:

- ◆ End Caps – Polypropylene
- ◆ Gasket – SBC Rubber
- ◆ Filter Media – Granular Activated Carbon
- ◆ Outer Casing – Polypropylene
- ◆ Post Filter – Polypropylene
- ◆ Temperature Rating – 40 - 125°F (4 - 52°C)



### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)
26277	CGAC-10	2.5" x 10" (63.5 x 254 mm)	20	1.0	NR	1.0 US GPM (3.8 LPM)
26186	CGAC-20	2.5" x 20" (63.5 x 508 mm)	12	2.0	NR	2.0 US GPM (7.5 LPM)
26187	CGAC-10BV	4.5" x 10" (114.3 x 254 mm)	12	1.9	NR	2.0 US GPM (7.5 LPM)
26188	CGAC-20BV	4.5" x 20" (114.3 x 508 mm)	6	3.8	NR	4.0 US GPM (15.1 LPM)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.

# Filter Cartridges

**AQUA FLO**<sup>®</sup>  
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## P-RF SERIES

### Radial Flow Granular Activated Carbon Filter Cartridges

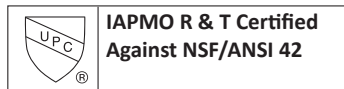
**Aqua Flo P-RF Series Cartridges** are the solution for effective reduction of chlorine, bad taste and odor. These filters provide lower pressure drop and fewer carbon fines compared to similar sized standard granular activated carbon filters.

#### FEATURES / BENEFITS:

- ◆ Provides effective chlorine taste & odor reduction
- ◆ Ideal for POE (whole house) and other high flow rate applications
- ◆ High porosity maximizes utilization of the carbon block
- ◆ Unique design reduces carbon fines
- ◆ Very low pressure drop
- ◆ Available in two sizes: 4.5x10"; 4.5x20"
- ◆ Universal fit – Fits most standard water filter housings

#### SPECIFICATIONS:

- ◆ End Caps – Polypropylene
- ◆ Filter Media – Granular Activated Coal Based Carbon
- ◆ Outer Shell – Polypropylene
- ◆ Gaskets – Buna-N
- ◆ Core – Polypropylene
- ◆ Temperature Rating – 40 - 125°F (4 - 52°C)



#### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration
- ◆ Chlorine reduction for process water



#### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)
36089	P-RF-10BV	4.5" x 10" (114.3 x 254 mm)	9	2.0	NR	3.0 US GPM (11 LPM)
36091	P-RF-20BV	4.5" x 20" (114.3 x 508 mm)	9	3.8	NR	6.0 US GPM (23 LPM)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.



# Filter Cartridges

**AQUA FLO**  
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## P-ICC SERIES

### Impregnated Carbon Cellulose Cartridge

The Aqua Flo 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.



#### FEATURES / BENEFITS:

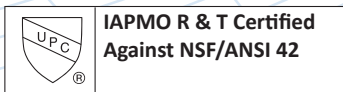
- ◆ Provides sediment filtration as well as taste/odor/chlorine reduction
- ◆ High dirt loading capacity
- ◆ External netting for additional strength
- ◆ Available in 2.5"x10"
- ◆ Universal fit – Fits most standard water filter housings
- ◆ Micron Rating – 5

#### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ RO Pre-filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration

#### SPECIFICATIONS:

- ◆ Filter Media – Carbon Impregnated Cellulose
- ◆ End Caps – Polypropylene
- ◆ Gaskets – PVC Plastisol
- ◆ Core – Polypropylene
- ◆ Temperature Rating – 39 - 180°F (4 -82°C)



#### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)	CAPACITY
36062	P-ICC-5-10	2.5" x 10" (63.5 x 254 mm)	48	0.4	5	2 US GPM (7.5 LPM)	1,000 GAL (3,780 L)

**NOTES:** Increased flow rates may result in less effective chlorine reduction. Some harmless bacteria will attack cellulose media cartridges. If your cartridge seems to disintegrate or has a musty or moldy odor, switch to a synthetic media cartridge or consult the manufacturer. Estimated capacity tested at given flow rate using 2 ppm free available chlorine to 0.5 ppm breakthrough.

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.

# Filter Cartridges

**AQUA FLO®**  
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## P-PMB SERIES

### Polypropylene Melt Blown Filter Cartridges

The Aqua Flo P-PMB 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 / BENEFITS:

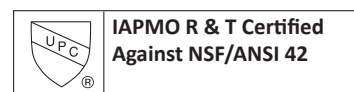
- ◆ Constructed from high quality polypropylene filter media for higher filtration efficiency
- ◆ Thermally bonded micro-fiber construction for high strength
- ◆ Designed for purity and chemical compatibility
- ◆ Available in four sizes: 2.5x10"; 2.5x20"; 4.5x10"; 4.5x20"
- ◆ Universal fit – Fits most standard water filter housings
- ◆ Available in four micron ratings: 1; 5; 20; 50

#### SPECIFICATIONS:

- ◆ Filter Media – Polypropylene
- ◆ Temperature Rating – 39 - 122°F (4 -50°C)

#### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ RO Pre-filtration
- ◆ Cooling Tower Filtration
- ◆ Chill Water Loop Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration



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# Filter Cartridges

## P-PMB SERIES

### Polypropylene Melt Blown Filter Cartridges

#### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)
36249	P-PMB-1-10	2.5" x 10" (63.5 x 254 mm)	50	0.2	1	2 US GPM (7.5 LPM)
36198	P-PMB-5-10	2.5" x 10" (63.5 x 254 mm)	50	0.2	5	3.0 US GPM (11.4 LPM)
36197	P-PMB-20-10	2.5" x 10" (63.5 x 254 mm)	50	0.2	20	5 US GPM (19 LPM)
36250	P-PMB-50-10	2.5" x 10" (63.5 x 254 mm)	50	0.2	50	8 US GPM (30.3 Lpm)
36202	P-PMB-1-20	2.5" x 20" (63.5 x 508 mm)	25	0.6	1	4.0 US GPM (15.1 LPM)
36203	P-PMB-5-20	2.5" x 20" (63.5 x 508 mm)	25	0.6	5	7 US GPM (26.5 LPM)
36206	P-PMB-20-20	2.5" x 20" (63.5 x 508 mm)	25	0.6	20	11 US GPM (42 LPM)
36251	P-PMB-50-20	2.5" x 20" (63.5 x 508 mm)	25	0.6	50	16 US GPM (60.6 LPM)
36280	P-PMB-1-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.8	1	6.0 US GPM (22.7 LPM)
36281	P-PMB-5-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.8	5	10 US GPM (38 LPM)
36282	P-PMB-20-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.8	20	14 US GPM (52.9 LPM)
36283	P-PMB-50-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.8	50	20 US GPM (75.7 LPM)
36286	P-PMB-1-20BV	4.5" x 20" (114.3 x 508 mm)	10	1.8	1	12 GPM (45.4 LPM)
36287	P-PMB-5-20BV	4.5" x 20" (114.3 x 508 mm)	10	1.8	5	20 US GPM (75.7 LPM)
36288	P-PMB-20-20BV	4.5" x 20" (114.3 x 508 mm)	10	1.8	20	20 US GPM (75.7 LPM)
36289	P-PMB-50-20BV	4.5" x 20" (114.3 x 508 mm)	10	1.8	50	20 US GPM (75.7 LPM)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.



# Filter Cartridges

**AQUA FLO**<sup>®</sup>  
PLATINUM

## P-SW SERIES

### String Wound Filter Cartridges

The Aqua Flo P-SW cartridge filters are manufactured from polypropylene cord which is wound around the polypropylene core.

These cartridge filters are an economical solution for reduction of sediment, sand, rust and scale particles from the drinking water.



#### FEATURES / BENEFITS:

- ◆ String wound filters reduces sediment from a variety of liquids
- ◆ Low pressure drop
- ◆ Withstands high temperatures
- ◆ Wide chemical compatibility
- ◆ Available in four sizes: 2.5x10"; 2.5x20"; 4.5x10"; 4.5x20"
- ◆ Universal fit – Fits most standard water filter housings
- ◆ Available in four micron ratings: 1; 5; 20; 50

#### SPECIFICATIONS:

- ◆ Filter Media – Polypropylene
- ◆ Core – Polypropylene
- ◆ Temperature Rating – 40 - 140°F (4 -60°C)

#### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ RO Pre-filtration
- ◆ Cooling Tower Filtration
- ◆ Chill Water Loop Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration



This String Wound Filter is Tested and Certified by NSF International against NSF/ANSI Standard 42 for material and structural integrity requirements.

**COMPONENT**

15

# Filter Cartridges

## P-SW SERIES String Wound Filter Cartridges

### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)
36159	P-SW-1-10	2.5" x 10" (63.5 x 254 mm)	50	0.4	1	5 US GPM (19 LPM)
36109	P-SW-5-10	2.5" x 10" (63.5 x 254 mm)	50	0.4	5	8 US GPM (30.3 Lpm)
36160	P-SW-20-10	2.5" x 10" (63.5 x 254 mm)	50	0.4	20	16 US GPM (60.6 LPM)
36102	P-SW-50-10	2.5" x 10" (63.5 x 254 mm)	50	0.8	50	20 US GPM (75.7 LPM)
36169	P-SW-1-20	2.5" x 20" (63.5 x 508 mm)	25	0.6	1	10 US GPM (38 LPM)
36161	P-SW-5-20	2.5" x 20" (63.5 x 508 mm)	25	0.8	5	16 US GPM (60.6 LPM)
36162	P-SW-20-20	2.5" x 20" (63.5 x 508 mm)	25	0.8	20	30 US GPM (113.4 LPM)
36163	P-SW-50-20	2.5" x 20" (63.5 x 508 mm)	25	0.8	50	30 US GPM (113.4 LPM)
36164	P-SW-1-10BV	4.5" x 10" (114.3 x 254 mm)	20	1.4	1	10 US GPM (38 LPM)
36138	P-SW-5-10BV	4.5" x 10" (114.3 x 254 mm)	20	1.4	5	20 US GPM (75.7 LPM)
36165	P-SW-20-10BV	4.5" x 10" (114.3 x 254 mm)	20	1.4	20	20 US GPM (75.7 LPM)
36166	P-SW-50-10BV	4.5" x 10" (114.3 x 254 mm)	20	1.4	50	20 US GPM (75.7 LPM)
36141	P-SW-1-20BV	4.5" x 20" (114.3 x 508 mm)	10	2.8	1	30 US GPM (113.4 LPM)
36142	P-SW-5-20BV	4.5" x 20" (114.3 x 508 mm)	10	2.8	5	30 US GPM (113.4 LPM)
36167	P-SW-20-20BV	4.5" x 20" (114.3 x 508 mm)	10	2.8	20	30 US GPM (113.4 LPM)
36168	P-SW-50-20BV	4.5" x 20" (114.3 x 508 mm)	10	2.8	50	30 US GPM (113.4 LPM)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.

# Filter Cartridges

AQUA FLO®

## PPC SERIES

### Pleated Polyester Reusable Filter Cartridges

The Aqua Flo PPC cartridge filters are made from reusable polyester fibers which are pleated to maximize dirt holding capacity. These are excellent multi-purpose sediment filters.

#### FEATURES / BENEFITS:

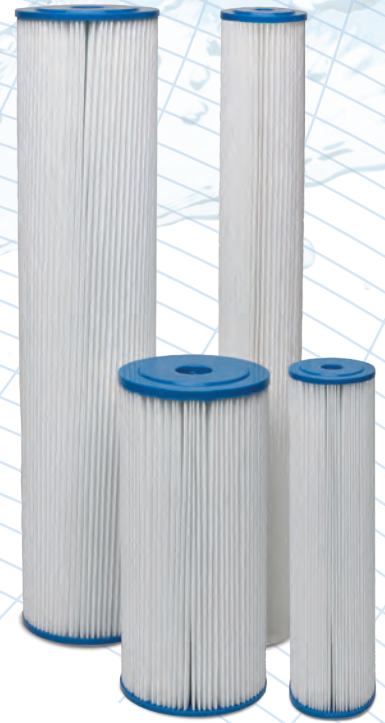
- ◆ Pleated design maximizes filtration area for lower initial pressure drop
- ◆ Durable, versatile and reusable
- ◆ Polyester media is bacteria and chemical resistant
- ◆ Available in four sizes: 2.5x10"; 2.5x20"; 4.5x10"; 4.5x20"
- ◆ Universal fit – Fits most standard water filter housings
- ◆ Available in four micron ratings: 1; 5; 30; 50

#### SPECIFICATIONS:

- ◆ Filter Media – Non-Woven Polyester
- ◆ End Caps – Vinyl Plastisol
- ◆ Core – Polypropylene
- ◆ Temperature Rating – 39 - 125°F (4 -52°C)

#### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ RO Pre-filtration
- ◆ Cooling Tower Filtration
- ◆ Chill Water Loop Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration





# Filter Cartridges

## PPC SERIES

### Pleated Polyester Reusable Filter Cartridges

#### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)
26174	PPC-1-10	2.5" x 10" (63.5 x 254 mm)	50	0.25	1	7 US GPM (26.5 LPM)
26175	PPC-5-10	2.5" x 10" (63.5 x 254 mm)	50	0.25	5	7 US GPM (26.5 LPM)
26162	PPC-30-10	2.5" x 10" (63.5 x 254 mm)	50	0.2	30	7 US GPM (26.5 LPM)
26163	PPC-50-10	2.5" x 10" (63.5 x 254 mm)	50	0.2	50	7 US GPM (26.5 LPM)
26176	PPC-1-20	2.5" x 20" (63.5 x 508 mm)	25	0.7	1	14 US GPM (52.9 LPM)
26177	PPC-5-20	2.5" x 20" (63.5 x 508 mm)	25	0.7	5	14 US GPM (52.9 LPM)
26160	PPC-30-20	2.5" x 20" (63.5 x 508 mm)	25	0.7	30	14 US GPM (52.9 LPM)
26178	PPC-5-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.6	5	15 US GPM (56.7 LPM)
26242	PPC-30-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.5	30	15 US GPM (56.7 LPM)
26243	PPC-50-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.5	50	15 US GPM (56.7 LPM)
26168	PPC-1-20BV	4.5" x 20" (114.3 x 508 mm)	10	0.86	1	30 US GPM (113.4 LPM)
26180	PPC-5-20BV	4.5" x 20" (114.3 x 508 mm)	10	0.86	5	30 US GPM (113.4 LPM)
26244	PPC-30-20BV	4.5" x 20" (114.3 x 508 mm)	10	0.75	30	30 US GPM (113.4 LPM)
26169	PPC-50-20BV	4.5" x 20" (114.3 x 508 mm)	10	0.75	50	30 US GPM (113.4 LPM)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.

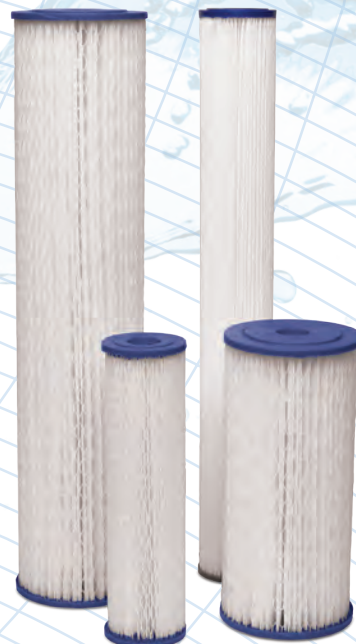
# Filter Cartridges

AQUA FLO®

## PC SERIES

### Pleated Cellulose Filter Cartridges

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



#### FEATURES / BENEFITS:

- ◆ Pleated design maximizes filtration area for lower initial pressure drop
- ◆ Designed for general water filtration purposes
- ◆ Cellulose based material
- ◆ Available in four sizes: 2.5x10"; 2.5x20"; 4.5x10"; 4.5x20"
- ◆ Universal fit – Fits most standard water filter housings
- ◆ Available in 20 micron

#### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ RO Pre-filtration
- ◆ Cooling Tower Filtration
- ◆ Chill Water Loop Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration

#### SPECIFICATIONS:

- ◆ End Caps – Vinyl Plastisol
- ◆ Core – Polypropylene
- ◆ Filter Media – Cellulose paper
- ◆ Temperature Rating – 40 - 145°F (4 - 63°C)



#### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)
26276	PC-20-10	2.5" x 10" (63.5 x 254 mm)	50	0.2	20	7 US GPM (26.5 LPM)
26182	PC-20-20	2.5" x 20" (63.5 x 508 mm)	25	0.4	20	14 US GPM (52.9 LPM)
26183	PC-20-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.6	20	15 US GPM (56.7 LPM)
26184	PC-20-20BV	4.5" x 20" (114.3 x 508 mm)	10	1.2	20	30 US GPM (113.4 LPM)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.

# Filter Cartridges



## P-DG SERIES Dual Gradient Filter Cartridges

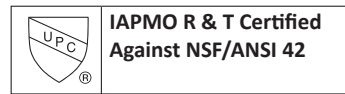
The Aqua Flo DG cartridge filters are made from 100% polypropylene. The progressively loose structure from inside to outside enhance cartridge performance in reduction of dirt, dust and other particles.

The two separate gradient layers of the filter enhance the performance such that it achieves a much higher dirt-loading capacity compared to similar size sediment cartridge filters including spun and string-wound. These filters make an ideal sediment reduction choice for a wide range of residential, food service, commercial and industrial applications.



### FEATURES / BENEFITS:

- ◆ 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
- ◆ Available in two sizes: 4.5x10"; 4.5x20"
- ◆ Universal fit – Fits most standard water filter housings
- ◆ Available in three micron ratings: 25/1; 50/5; 75/25



### APPLICATIONS (For water filtration only):

- ◆ Commercial/Residential Drinking Water Filtration
- ◆ RO Pre-filtration
- ◆ Cooling Tower Filtration
- ◆ Chill Water Loop Filtration
- ◆ Food & Beverage Filtration
- ◆ Industrial Water Filtration

### SPECIFICATIONS:

- ◆ Filter Material – Polypropylene
- ◆ Temperature Rating – 39 - 122°F (4 - 50°C)

### SPECIFICATIONS & PERFORMANCE:

ITEM #	DESCRIPTION	DIMENSIONS	CASE QTY	SHIP WEIGHT EACH (LBS)	RATING (NOMINAL)	FLOW RATE (GPM)
36039	P-DG-25-1-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.8	25/1	10 US GPM (38 LPM)
36043	P-DG-50-5-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.8	50/5	10 US GPM (38 LPM)
36047	P-DG-75-25-10BV	4.5" x 10" (114.3 x 254 mm)	20	0.8	75/25	10 US GPM (38 LPM)
36041	P-DG-25-1-20BV	4.5" x 20" (114.3 x 508 mm)	10	2.0	25/1	20 US GPM (75.7 LPM)
36045	P-DG-50-5-20BV	4.5" x 20" (114.3 x 508 mm)	10	2.0	50/5	20 US GPM (75.7 LPM)
36049	P-DG-75-25-20BV	4.5" x 20" (114.3 x 508 mm)	10	2.0	75/25	20 US GPM (75.7 LPM)



**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Initial flow pressure drop less than 5 psi at rated flow rate. Change filter when pressure drop exceeds 10 psi.



# 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 #	Filter Size (In)	Capacity (grains)
36242	P-WS-10	2.5" X 10"	1,414
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 #	Filter Size (In)	Max Flow gpm	Max Flow lpm	ΔP @ Max Flow psi	ΔP @ Max Flow kPa	Capacity in Grains as CaCO3
36179	P-DI-10	2.5" X 10"	0.4	1.5	<5	<35	500
36180	P-DI-20	2.5" X 20"	0.8	3.0	<10	<70	1000
36178	P-DI-20BB	4.5" X 20"	1.2	4.5	<10	<70	2500

## Iron Reduction

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

Item #	Model #	Filter Size (In)	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 #	Filter Size (In)	Micron
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 #	Filter Size (In)
26003	WIM14	2.25" X 8"

# 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	205°F (96°C)
Pipe Size	3/4" NPT
Sealing Gaskets	Buna-N, Cellulose Fiber

## 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)
36145	Side Stream Filter Assembly	14 1/8"(h) x 20 3/4" (w) x 4 1/8" (d)	10 gpm (38 lpm)	250 psi (17.2 bar)

Maximum cartridge diameter 3" (76mm)

## #36145 Side Stream Filter Assembly

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



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# Filter Cartridges

## 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 - 300°F (149°C)
- ◆ 2.5" O.D. Core x 10" Length (suitable for #10 and ST-1 Housings)
- ◆ Available in 5, 10, 25, 50 micron ratings



- ◆ 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 - 300°F (149°C)
- ◆ Suitable for non-potable water only

Cartridges

Item #	Description	Micron	Weight (LBS)
26137	Sediment, 10" Hot Water, Stainless Steel, Non-potable	5	0.5
26138	Sediment, 10" Hot Water, Stainless Steel, Non-potable	10	0.5
26139	Sediment, 10" Hot Water, Stainless Steel, Non-potable	25	0.5
26140	Sediment, 10" Hot Water, Stainless Steel, Non-potable	50	0.5
26146	Sediment, 20" Hot Water, Stainless Steel, Non-potable	25	1.0
26147	Sediment, 20" Hot Water, Stainless Steel, Non-potable	50	1.0
26141	Sediment, 10" Hot Water, Tin Core, Non-potable	5	0.5
26134	Sediment, 10" Hot Water, Tin Core, Non-potable	10	0.5
26135	Sediment, 10" Hot Water, Tin Core, Non-potable	25	0.5
26136	Sediment, 10" Hot Water, Tin Core, Non-potable	50	0.5

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

# High-Flow Whole House Filtration System

Provides economical, high flow solutions for sediment, taste and odor removal.

## FEATURES

- ◆ High-Flow Dual Filtration System
- ◆ Up to 70,000 Gallons of great tasting water
- ◆ Flow rates up to 6 gpm
- ◆ Large 20" Filters for long lasting performance
- ◆ Dimensions: 8" deep, 16 1/4" wide, 27 1/2" high
- ◆ Weight: 21 lb.s (9.5 kg.)
- ◆ Inlet/outlet pressure gauges indicate when filter replacements are required
- ◆ For municipal water supplies



**160197 High-Flow Dual Stage 20BB SED, Carbon, 3/4" In/Out**

**160198 High-Flow Dual Stage 20BB SED, Carbon, 1" In/Out**

Item #	Model #	Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
36287	PPMB-5-20BV	4.5" x 20"	5	NA	20 gpm
36091	RF-20BV	4.5" x 20"	NA	70,000 gallon @ 4 gpm	6 gpm





# Cartridge Selection Guide

Model #	Scale and Rust Particles	Coarse Sand	Dirt / Silt / Sand	Fine Dirt / Silt / Sand	Extra Fine Dirt / Silt / Sand	Bad Taste & Odor	Aesthetic Chlorine: Taste & Odor	Lead and VOC Removal
<b>Polypropylene Melt Blown (P-PMB) Filter Cartridge</b>								
P-PMB-1-10 P-PMB-1-20 P-PMB-1-10BV P-PMB-1-20BV P-PMB-5-10 P-PMB-5-20 P-PMB-5-10BV P-PMB-5-20BV	✓	✓	✓	✓	✓			
P-PMB-20-10 P-PMB-20-20 P-PMB-20-10BV P-PMB-20-20BV	✓	✓	✓					
P-PMB-50-10 P-PMB-50-20 P-PMB-50-10BV P-PMB-50-20BV	✓	✓						
<b>String Wound (P-SW) Cartridge Filter</b>								
P-SW-1-10 P-SW-1-20 P-SW-1-10BV P-SW-1-20BV P-SW-5-10 P-SW-5-20 P-SW-5-10BV P-SW-5-20BV	✓	✓	✓	✓	✓			
P-SW-20-10 P-SW-20-20 P-SW-20-10BV P-SW-20-20BV	✓	✓	✓					
P-SW-50-10 P-SW-50-20 P-SW-50-10BV P-SW-50-20BV	✓	✓						
<b>Dual Gradient (P-DG) Density Cartridge Filter</b>								
P-DG-25-1-10BV P-DG-25-1-20BV P-DG-50-5-10BV P-DG-50-5-20BV	✓	✓	✓	✓	✓			
P-DG-75-25-10BV P-DG-75-25-20BV	✓	✓	✓					

Model #	Scale and Rust Particles	Coarse Sand	Dirt / Silt / Sand	Fine Dirt / Silt / Sand	Extra Fine Dirt / Silt / Sand	Bad Taste & Odor	Aesthetic Chlorine: Taste & Odor	Lead and VOC Removal
<b>Pleated Polyester Cartridge (PPC) Resuable Filter</b>								
PPC-1-10 PPC-1-20 PPC-1-20BV PPC-5-10 PPC-5-20 PPC-5-10BV PPC-5-20BV	✓	✓	✓	✓	✓			
PPC-30-10 PPC-30-20 PPC-30-10BV PPC-30-20BV PPC-50-10 PPC-50-10BV PPC-50-20BV	✓	✓						
<b>Pleated Cellulose (PC) Cartridge Filter</b>								
PC-20-10 PC-20-20 PC-20-10BV PC-20-20BV	✓	✓	✓					
<b>Carbon Block (P-CB) Cartridge Filter</b>								
P-CB-0.5-10 P-CB-0.5-20 P-CB-0.5-10BV P-CB-0.5-20BV P-CB-5-10 P-CB-5-20 P-CB-5-10BV P-CB-5-20BV						✓	✓	
P-CB-10-10 P-CB-10-20 P-CB-10-10BV P-CB-10-20BV						✓	✓	
<b>Lead Removal (P-LR-1-10) Cartridge Filter</b>								
P-LR-1-10						✓	✓	✓
<b>Radial Flow (P-RF) Granular Activated Carbon Cartridge Filter</b>								
P-RF-10BV P-RF-20BV						✓	✓	
<b>Impregnated Carbon Cellulose (P-ICC) Dual Purpose Filter</b>								
P-ICC-5-10						✓	✓	
<b>Granular Activated Carbon (CGAC) Cartridge Filter</b>								
CGAC-10 CGAC-20 CGAC-10BV CGAC-20BV						✓	✓	

Authorized Distributor