

Cartridge Filters

Sediment / Particle Cartridge Filters

- **Pleated Cellulose Polyester** - Provides higher wet strength than regular cellulose cartridges
- **Melt Blown** - Reduces sediment, dirt, rust & particles. Food grade, low cost, excellent chemical resistance, high dirt holding capability and no media migration. For use with potable water, beverages, food, pre-filtration for RO, fine chemicals, metal finishing & plating solutions.
- **Spun Bonded Polypropylene** - Designed for purity and chemical compatibility
- **Polydepth® Propylene** - Consistent flow rate and superior filtration performance
- **String Wound Polypropylene** - Reduces fine sediment
- **Pleated Cellulose** - Recommended for chlorinated water supplies
- **Pleated Polyester** - Chemical resistant



Type	Microns (Nominal)	Part Number
2" x 10"		
Pleated Cellulose Polyester	1	ECP1-10
Spun Bonded Polypropylene	1	P1
Melt Blown	5	7100331*
Spun Bonded Polypropylene	5	P5
String Wound Polypropylene	50	CW50
Pleated Cellulose	20	S1
Spun Bonded Polypropylene	25	P25
2" x 20"		
Spun Bonded Polypropylene	5	P5-20
Polydepth® Propylene	5	PD5-20
Polydepth® Propylene	10	PD10-20
4" x 10"		
Gradient - Spun Polypropylene	1	DGD2501
Gradient - Spun Polypropylene	5	DGD-5005
Gradient - Spun Polypropylene	25	DGD7525
Pleated Polyester	30	R30-BB
Pleated Polyester	50	R50-BB
4" x 20"		
Gradient - Spun Polypropylene	1	DGD2501-20
Gradient - Spun Polypropylene	5	DGD5005-20
Pleated Cellulose	20	S1-20BB
Gradient - Spun Polypropylene	25	DGD7525-20

* See "Drinking Water Systems" In Section F

NSF DGD Series

Cartridge Filters

Carbon Cartridge Filters

- **Carbon Block, Bonded PAC** - Premium high capacity bad taste & odor and chlorine taste & odor reduction
- **Carbon Block** - NSF certified for the reduction of lead, cysts (including cryptosporidium, toxo-plasma, Giardia and Entamoeba) and volatile organic chemicals (VOC)
- **Carbon Block Lead Out** - Uses unique lead out filtration media for the reduction of lead. Also reduces chloramines, chlorine tastes and odor, reduces sand, sil sediment and rust.
- **Carbon Impregnated Cellulose** - Dual-purpose powder activated cartridges provides sediment filtration, bad taste & odor and chlorine taste & odor reduction
- **Modified Epsilon Carbon Briquette** - Economy bad taste & odor and chlorine taste & odor reduction
- **Granular Activated Carbon** - Bad taste & odor and chlorine taste & odor reduction
- **Pleated Carbon Impregnated Polyester** - Sediment filtration and chlorine taste & odor reduction
- **Radial Flow Granular Activated Carbon** - Chlorine taste & odor reduction. Ideal for point of entry.



Type	Microns (Nominal)	Part Number
2" x 10"		
Carbon Block, Bonded PAC	0.5	CBC10
Carbon Block	1	7100451*
Carbon Block Lead Out	1	7100452*
Carbon Impregnated Cellulose	5	C1
Modified Epsilon Carbon Briquette	10	EPM10
Granular Activated Carbon	-	GAC10
2" x 20"		
Carbon Block, Bonded PAC	0.5	CBC20
Carbon Impregnated Cellulose	5	C1-20
Carbon Briquette	5	EP20
Modified Epsilon Carbon Briquette	10	EPM20
Granular Activated Carbon	-	GAC20
Granular Activated Carbon	20	CC-20
4" x 10"		
Modified Epsilon Carbon Briquette	10	EPM-BB
Pleated Carbon Impregnated Polyester	10	NCP-BB
Granular Activated Carbon	-	GAC-BB
Radial Flow Granular Activated Carbon	-	RFC-BB
4" x 20"		
Carbon Block, Bonded PAC	0.5	CBC20BB
Modified Epsilon Carbon Briquette	10	EPM20-BB
Pleated Carbon Impregnated Polyester	10	NCP20-BB
Radial Flow Granular Activated Carbon	-	RFC20-BB

* See "Drinking Water Systems" In Section F

Carbon Cartridge Filters - Inline



Description	Part Number
GAC Acid Wash Post Carbon Inline - 2" x 10", 1/4" FQC	K2533-JJ
GAC Acid Wash Post Carbon Inline - 2" x 10", 3/8" FQC	K2533-KK

Cartridge Filters

Hot Water (Boiler) Cartridge Filters



- Maximum Temperature - 300°F (149°C)

Type	Size	Micron	Part Number
String Wound - Natural Cotton - Tin Core Suitable for general purpose high temperature applications with water, oils, solvents, paint and other non-potable fluids	2" x 10"	5 microns (Nominal)	5
	2" x 10"	10 microns (Nominal)	10
	2" x 10"	25 microns (Nominal)	25
String Wound - Bleached Cotton - 304 SS Core Suitable for a wide range of filtering applications including potable water. FDA approved.	2 1/2" x 9 7/8"	5 microns	14-SWBC1-05
	2 1/2" x 9 7/8"	10 microns	14-SWBC1-10
	2 1/2" x 9 7/8"	25 microns	14-SWBC1-25
	2 1/2" x 9 7/8"	50 microns	14-SWBC1-50

Phosphate Crystal Cartridge Filters



- Effective at treating scale, corrosion and iron problems, these cartridges contain food-grade hexametaphosphate that dissolve slowly in water to inhibit scale and rust build-up
- Ideal for a variety of food service equipment including ice machines, coffee and vending machines, water heaters, A/C and many other types of water processing equipment

Type	Size	Part Number
Phosphate Crystal, 12 oz Flow Rate: 1 to 1.5 gpm	2" x 10"	PCC212
Phosphate Crystal, 18 oz Flow Rate: 1.5 to 2.5 gpm	2" x 10"	PCC218

Cartridge Filters

Specialty Cartridge Filters

- **Absolute Rated Filter Cartridge** - Ideal to control cryptosporidium, giardia cysts and other harmful micro-organisms to help ensure cyst-free drinking water
- **Ceramic Cartridge** - Designed for Cryptosporidium and Giardia cyst reduction and fine sediment filtration
- **Deionization Cartridge** - For deionizing water up to 16 megohms
- **Oil Absorbing Cartridge** - Modified cellulose-based filter material chemically bonds specifically with hydrocarbons and other pollutants such as dissolved and dispersed oils in water



PLA

CRE1

655139-03

Type	Size	Micron	Part Number
Absolute Rated Filter Cartridge			
Pleated Polypropylene	2" x 10"	1 micron (Absolute)	PP-S-1
Pleated Polypropylene	4" x 10"	1 micron (Absolute)	PLA10B01
Pleated Polypropylene	4" x 20"	1 micron (Absolute)	PLA20B01
Ceramic Cartridge			
Ceramic	2" x 10"	1 micron (Nominal)	CRE1
Deionization Cartridge			
Mixed Bed DI Resins	4" x 20"	1850 grains	BBF1-20MB
Oil Absorbing Cartridge			
Modified Cellulose	4-1/2" x 20"	2270 grams	655139-03

Cartridge Filters

Specialty Cartridge Filter - Phosphate Scale Inhibitor Inline



Description	Part Number
2" x 10" Inline Scale Inhibitor, All Phosphate, 1/4" FPT	SL10-B

Specialty Cartridge Filters - Fits Duro & Novatek Reverse Osmosis Systems



41400008

Type	Part Number
Activated Carbon Cartridge	41400009
String Wound Polypropylene Sediment Cartridge	41400008

Specialty Cartridge Filters - Fits Vectapure V360 Reverse Osmosis Systems



Colour & Type	Filtration Type	Flow Rate	Capacity (GAL)	Service Life	Working Pressure (PSI)	Inlet/Outlet Size	Part Number
V360 Blue Cartridge PP 5 Micron	Dirt and particle reduction	5 mic. 3.8 LPM		3-6 months	30-125	.25"	V360112PP-05
V360 Green Cartridge CBC 5 Micron	Taste, odour, chlorine reduction	5 mic. 1.9 LPM	1,500	3-6 months	30-125	.25"	V360212CC-05
V360 Red Cartridge GAC 20 Micron	Taste, odour, chlorine reduction	20 mic. 2.9 LPM	5,500	3-6 months	30-125	.25"	V360412GC-20
V360 Yellow Cartridge RO Membrane 75 gpd	Spiral wound RO membrane	285 LPD 75 GPD		2 years	Min 60	.25"	V360312RO-00

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Cartridge Filter Housings

Cold Water Housings

- Delivers effective ongoing protection against the damaging effects of debris in fluid

Inlet / Outlet	Cartridge Size	Overall Dimensions	Max Temp / PSI	Flow Rate*	Housing Material	Part Number
Standard Housing Package - For Single Tap Applications						
Includes: Black filter head with pressure relief button, bowl, filter wrench, mounting bracket with hardware & O-Ring						
3/4" FPT	2" x 10"	5" x 12"	120°F / 125 psi	1-7 GPM	Clear Styrene-Acrylonitrile	14HK-S10C-07
3/4" FPT	2" x 10"	5" x 12"	120°F / 125 psi	1-7 GPM	Blue Polypropylene	14HK-S10B-07
Replacement Parts: Filter Head (14PT-SH-07), Clear Filter Bowl (14PT-SB-10C), Blue Filter Bowl (14PT-SB-10B), Filter Wrench (14A-FWS-03), Bracket with hardware (14A-MBS-03), O-Ring (14A-ORS-03)						
Deluxe Housing Package						
Includes: Black filter head with pressure relief button, bowl, filter wrench, mounting bracket with hardware & O-Ring						
3/4" FPT	2" x 20"	5.50" x 23.25"	120°F / 125 psi	1-15 GPM	Blue Polypropylene	14HK-D20B-07
Replacement Parts: Filter Head (14PT-DH-07), Blue Filter Bowl (14PT-DB-20B), Filter Wrench (14A-FWD-03), Bracket with hardware (14A-MBD-03), O-Ring (14A-ORD-242)						
Big Blue Housing Package						
Includes: Black filter head with pressure relief button, bowl, filter wrench, mounting bracket with hardware & O-Ring						
3/4" FPT	4" x 10"	7.28" x 14.05"	120°F / 100 psi	1-15 GPM	Blue Polypropylene	14HK-G10B-07
1" FPT	4" x 10"	7.28" x 14.05"	120°F / 100 psi	1-20 GPM	Blue Polypropylene	14HK-G10B-10
3/4" FPT	4" x 20"	7.28" x 24"	120°F / 90 psi	1-35 GPM	Blue Polypropylene	14HK-G20B-07
1" FPT	4" x 20"	7.28" x 24"	120°F / 90 psi	1-40 GPM	Blue Polypropylene	14HK-G20B-10
Replacement Parts: Filter Head for 07 (14PT-GH-07), Filter Head for 10 (14PT-GH-10), 10" Blue Filter Bowl (14PT-GB-10B), 20" Blue Filter Bowl (14PT-GB-20B), Filter Wrench (14A-FWG-03), Bracket with hardware (14A-MBG-03), O-Ring (14A-GOR-358)						

*Actual maximum flow rates vs. pressure drop will be determined based on cartridge selections and fluid viscosity



Cartridge Filter Housings

Hot Water Housings

- For hydronic stream filter applications
- Delivers effective ongoing protection against the damaging effects of debris in fluid

Inlet / Outlet	Cartridge Size	Overall Dimensions	Max Temp / PSI	Flow Rate*	Housing Material	Part Number
High Temperature Housing Package						
Includes: Filter head with pressure relief button, bowl, filter wrench, mounting bracket with hardware & O-ring						
3/4" FPT	2" x 10"	12.48" x 5.35"	200°F / 125 psi	1-10 GPM	Red Polypropylene	14HK-HT10R-07
Replacement Parts: Filter Head (14PT-HH-07), Red Filter Bowl (14PT-HB-10R), Filter Wrench (14A-FWD-03), Bracket with hardware (14A-MBD-03), O-Ring (14A-ORHT-242)						
Extreme Temperature / High Pressure Housing Package						
Includes: Stainless steel filter head and bowl, filter wrench & SS mounting bracket with hardware Supplied with a pipe plug in the bottom for draining the bowl, this plug can be replaced with a pet-cock, however the operating pressure will be reduced						
3/4" FPT	2" x 10"	12.88" x 4.13"	300°F / 300 psi	1-10 GPM	316 Stainless Steel	14HK-SS10-07
3/4" FPT	2" x 20"	22.75" x 4.13"	300°F / 300 psi	1-15 GPM	316 Stainless Steel	14HK-SS20-07
Replacement Parts: Filter Wrench (14A-FWSS-03), Bracket with hardware (14A-MBSS-03), O-Ring (14A-ORSS-03), Top Gasket Seal (14A-TGSS-03)						
High Temperature Housing Package						
Includes: 304SS filter housing with brass head, brass drain valve with barb fitting and cap, two O-rings, opening tool & wall mounting bracket						
3/4" FNPT	2" x 10"	14" x 4.13"	250°F / 300 psi	1-10 GPM	304 Stainless Steel	FH-10
1" FNPT	2" x 20"	24" x 4.13"	250°F / 300 psi	10-20 GPM	304 Stainless Steel	FH-20
Replacement Parts: O-Ring Set (SFP-10-0800)						

*Actual maximum flow rates vs. pressure drop will be determined based on cartridge selections and fluid viscosity



14HK-HT10R-07



14HK-SS10-07



FH-10 & FH-20



O-Rings For Pentek Housings



Description	Part Number
O-Ring For Pentek #ST1, ST2 & ST3	143216
O-Ring For Pentek #10 & #20 Filter Housings	151120
O-Ring For Pentek Slimline RO Filter Housing	151121
O-Ring For Pentek Big Blue Filter Housing	151122

Cartridge Filter Housings

Cold Water Whole House Water Treatment & Commercial Filtration



- Watts Jumbo Housing & Cartridges are ideal for whole house water treatment and commercial filtration with optional activated carbon cartridge to remove chlorine, bad tastes, foul odors and sediment
- Housings are made of rugged, glass reinforced polypropylene with brass reinforced 1/4" FNPT gauge port so they won't chip, rust or dent
- Swing bolts are made of 304 stainless steel and the O-ring lid is EPDM
- 100% efficient because no backwashing is required. Valuable water is conserved with no waste.
- Designed to minimize pressure drop by using 2" pipe fittings and large diameter center tubes
- Low cost alternative to stainless steel filtration equipment
- Cartridge replacement is easy: Remove swing bolts, remove lid, rotate cartridge 1/4 turn and pull up.

Pipe Fittings	Overall Height	Width (Vessel OD)	Max Temperature	Max Working Pressure	Model Number	Part Number
2" Slip PVC Female	42.7"	15.4"	52C (125F) @ 80 psi	125 psi	PWWJCHSG	7100301

Notes:

1. For applications where non-metallic construction is required, order lid without brass reinforced gauge port separately
2. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system

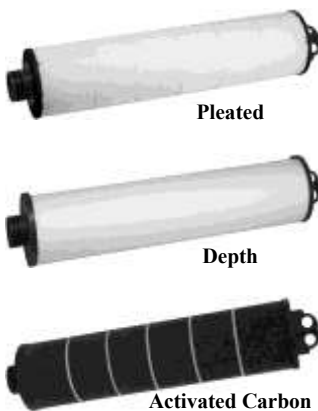
Cartridges

Applications Include: Whole house, commercial & industrial filtration, pre-filtration for RO equipment, community water systems, water for livestock and poultry, sea water applications due to their non-corrosive construction, ideal replacement for bag filters, convenient alternative to multiple cartridge filters

Description	Media Type	Micron Rating	Model Number	Part Number
Jumbo Pleated Cartridges Ideal for more critical applications, offering greater efficiency, more surface area for greater throughput and reduced cost. 100% cellulose free. 5, 20, 50 & 150 micron cartridges are cleanable and reusable.	PP	1 Absolute	PWWJCP1AB	7100302
	PP	1	PWWJCP1	7100303
	PP	5	PWWJCP5	7100304
	PP	20	PWWJCP20	7100305
	PP	50	PWWJCP50	7100306
	Mesh	150	PWWJCM150	7100307
Jumbo Depth Cartridges Melt blown polypropylene, these cartridges are recommended when depth filtration is necessary for the reduction of soft particulate	PP	1	PWWJCMB1	7100308
	PP	5	PWWJCMB5	7100309
	PP	20	PWWJCMB20	7100310
	PP	50	PWWJCMB50	7100311
Jumbo Activated Carbon Cartridge Ideal for whole house filtration to reduce chlorine, taste, odors and sediment	Max Flow: 15 GPM Capacity: 140,000 Gallons		PWWJCAC5	7100312

Watts® Jumbo Cartridge Specifications

	Pleated	Depth	Activated Carbon
Media	PP	PP	Activated carbon
End caps	PP + FG	PP + FG	PP + FG
Center tubes	PP	PP	PP
Maximum flow rate (GPM)	150	100	15
Maximum temperature	125°F (52°C)	125°F (52°C)	125°F (52°C)
Maximum ΔP (psi)	30	40	30
Chemical resistance	Excellent	Excellent	Not a factor (for water only)
Length (media)	26-1/4"	26-1/4"	26-1/4"
O-rings (dash)	EPDM	EPDM	EPDM
Shipping weight (lbs.)	5	5	5
Carton dimensions	7" x 7" x 31"	7" x 7" x 31"	7" x 7" x 31"
Micron ratings	1A, 1 & 5", 20 & 50**, 150***	1, 5, 20, 50	5



*Polypropylene fabric

**Polyester fabric

***Polypropylene mesh screen

Note: Flow rates are based on each specific application, micron rating, solids content and a number of other factors. End user should consider these factors when selecting the filter housing (or number of filter housings) needed for their particular requirement.



Cartridge Filter Housings

Cold Or Hot Water Commercial / Industrial Stainless Steel Filter Housings



- Top quality 100%, 316 stainless steel housings with easy, safe and secure band clamp lid closure
- Compatible with a full range of double open end (DOE) cartridges for liquid filtrations applications
- Adjustable top plate accepts variable length cartridges for more options
- Pipe fittings are readily accessible for easy installation
- Two drains provided for clean and dirty fluids
- Knife edge seals are provided at both ends of all DOE cartridges
- Temperature Rating: Up to 100C (212F) - No plastic holding rods
- Pressure rating to 150 psi
- Protective polycoat over SS standard finish
- Buna-N gaskets & seals

Round	Max Flow Rate Pleated (GPM)	Max Flow Rate Depth (GPM)	Pipe Size	Drain Size	No. of Standard Cartridges	Cartridge Options	Model Number	Part Number
Commercial Quality Multi-Cartridge 316 Stainless Steel Filter Housings								
4	25	25	1" NPT	1/2" NPT	4	9 3/4" - 10"	PWHS4X1	7100313
5	30	25	2" NPT	1/2" NPT	5	9 3/4" - 10"	PWHS5X1	7100314
4	60	40	2" NPT	1/2" NPT	4	20"	PWHS4X2	7100315
4	90	60	2" NPT	1/2" NPT	4	29 1/4" or 30"	PWHS4X3	7100316
4	120	80	2" NPT	1/2" NPT	4	40"	PWHS4X4	7100317
5	150	100	2" NPT	1/2" NPT	5	40"	PWHS5X4	7100318
12	250	180	3" Flange	1/2" NPT	12	29 1/4" or 30"	PWHS12X3	7100319
12	300	240	3" Flange	1/2" NPT	12	40"	PWHS12X4	7100320
22	500	330	4" Flange	1/2" NPT	22	29 1/4" or 30"	PWHS22X3	7100321
22	600	440	4" Flange	1/2" NPT	22	40"	PWHS22X4	7100322
Premium Quality Multi-Cartridge 316 Stainless Steel Filter Housings with Mounting Legs & Pressure Gauges								
4	60	40	2" NPT	1/2" NPT	4	20"	PWHSPS4X2	7100323
5	120	120	2" NPT	1/2" NPT	5	29 1/4" or 30"	PWHSPS5X3	7100324
5	150	150	2" NPT	1/2" NPT	5	40"	PWHSPS5X4	7100325
7	200	200	2" NPT	1/2" NPT	7	40"	PWHSPS7X4	7100326

Note:

1. Flow rates shown above are for guidelines only. Actual flow rates are based on cartridge type, micron rating, solids content and a number of other factors



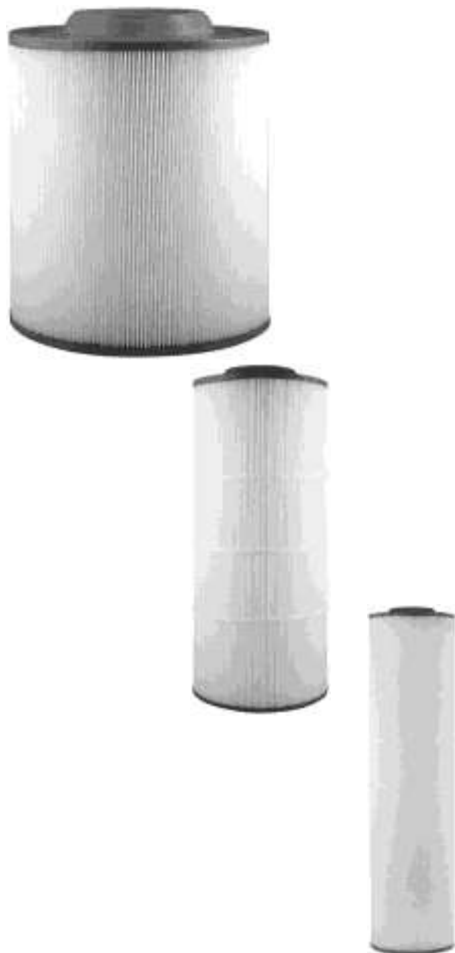
Cartridge Filter Housings

Hot or Cold Commercial / Industrial Stainless Steel Filter Housings - JUMBO-SS Series



- Heavy duty 316 stainless steel housings with easy, safe and secure band clamp lid closure
- Ideal filter housings for optimum convenience and savings
- Adjustable pressure cap provides superior sealing for both ends
- Jumbo cartridges are easy to install, service and replace
- Pipe fittings are readily accessible
- Pressure gauges installed on inlet & outlet
- Heavy duty mounting legs
- Temperature Rating: Up to 100C (212F)
- Pressure rating to 150 psi
- Protective polycoat over SS standard finish

Max Flow Rate (GPM)	Pipe Size	No. of Cartridges	Cartridge Style (See Table Below)	Model Number	Part Number
50	2" NPT	1	"40"	PWHSJUM40	7100327
100	2" NPT	1	"90"	PWHSJUM90	7100328
150	2" NPT	1	"170"	PWHSJUM170	7100329



Pleated Jumbo Cartridges - Synthetic Media			
Fits Filter Housing Model Number	Micron Rating	Model Number	Part Number
40	1 Absolute	PWJPL40M1AB	7100419
	0.35	PWJPL40M.35	7100420
	1	PWJPL40M1	7100421
	5	PWJPL40M5	7100422
	20	PWJPL40M20	7100423
	50	PWJPL40M50	7100424
	100	PWJPL40M100	7100425
90	1 Absolute	PWJPL90M1AB	7100426
	0.35	PWJPL90M.35	7100427
	1	PWJPL90M1	7100428
	5	PWJPL90M5	7100429
	20	PWJPL90M20	7100430
	50	PWJPL90M50	7100431
	100	PWJPLM90M100	7100432
170	1 Absolute	PWJPL170M1AB	7100433
	0.35	PWJPL170M.35	7100434
	1	PWJPL170M1	7100435
	5	PWJPL170M5	7100436
	20	PWJPL170M20	7100437
	50	PWJPL170M50	7100438
	100	PWJPLM170M100	7100439



Liquid Filter Bags & Vessels

Liquid Filter Bags

Standard Felt Bags:

- Micron ratings from 1 to 200
- Polypropylene, polyester & Nomex® materials. Polypropylene and polyester meet FDA regulations for food contact.
- Able to remove both solid & gelatinous particles
- Silicone free
- Broad chemical range
- High flow / low pressure drop media
- Sewn or fully welded construction
- Handles on all bags
- Choice of steel or molded plastic snap-seal rings
- Temperature ratings to 425F

Standard Mesh Bags:

- Micron ratings from 1 to 1500
- Polyester & nylon materials. Both meet FDA regulations for contact.
- Surface retention filtration
- Economical removal of non-deformable contaminants
- Silicone free
- Non-fiber releasing
- Broad chemical range
- High flow / low pressure drop media
- Sewn construction
- Handles on all bags
- Choice of steel or molded plastic snap-seal rings
- Temperature ratings to 400F

Microfiber Bags:

- Micron ratings from 1.0 to 50.0
- Microfiber materials provides high efficiencies (95%) at low micron ratings
- Excellent oil absorbing compatibility
- Broad chemical range
- Sewn construction
- Handles on all bags
- Choice of steel or molded plastic snap-seal rings
- Temperature ratings to 425F

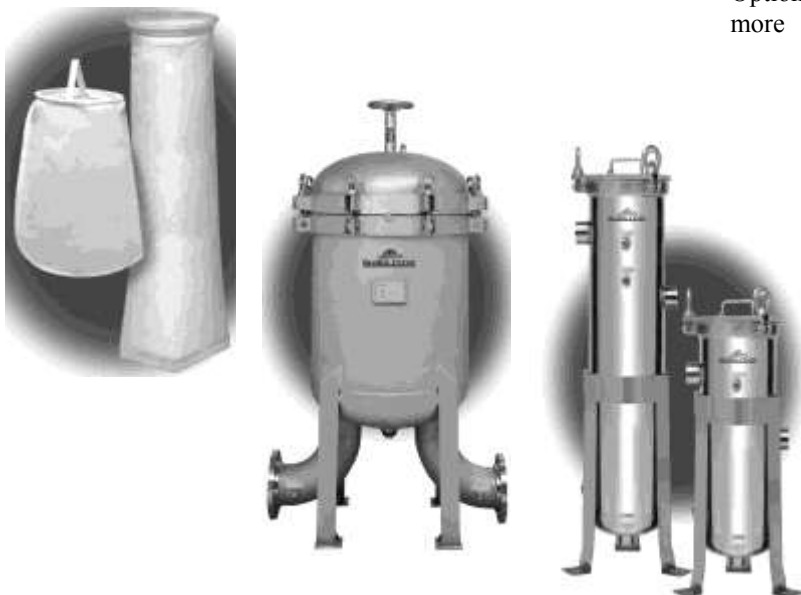
Vessels

Single Bag Vessels:

- V-ring design provides a positive snap-fit to ensure against by-pass and delivers clean effluent
- 304 & 316 stainless steel construction
- 150 psi pressure rating standard
- Single o-ring seal
- Easy access eye-nut / swing bolt closure with handle
- NPT or RF flange inlet / outlet connections
- Uni-style (side & bottom outlet) offers increased piping flexibility
- Adjustable tripod mounting / support leg assembly
- Stainless steel perforated support basket (9/64" perf. standard)
- Options: ASME Code U Stamp, Electropolish, Sanitary Porting, Mesh-lined Baskets & more

Multi-Bag Vessels:

- Designed for high flow or high contaminant load applications where clean effluent is critical
- V-ring design provides a positive snap-fit to ensure against by-pass and delivers clean effluent
- 304 & 316 stainless steel construction
- 150 psi pressure rating standard
- Single o-ring seal
- Easy access eye-nut / swing bolt closure with handle
- RF flange "inline" inlet / outlet connections
- Bearing assisted hand wheel closure davit
- Heavy duty welded angle mounting / support legs
- Stainless steel perforated support basket (9/64" perf. standard)
- Permanent compression / hold down plate
- Options: ASME Code U Stamp, Mesh-lined Baskets & more



***Standard &
Customer Sizes
Available!
Call Davies For
Information.***

Screen Filters

Spin-Out Screen Filter Housings



IMPORTANT:

Ensure proper filter housing is used.
 1-25 GPM use 1" housing, 10-50 GPM use 1 1/2" housing, 18-100 GPM use 2" housing.
 Over sizing the filter can lead to excessive wear or premature clogging of the filter element due to the lack of spin-out action.

- Designed for installation on suction or discharge side of pump on systems with flow rates of 1-25 GPM (1" filter housings), 10-50 GPM (1 1/2" filter housings) and 18-100 GPM (2" filter housings) systems
- These filters provide an effective means for removing large volumes of sediment and are ideal for whole house filtration, agricultural, commercial and industrial applications
- Overall filtration costs are greatly reduced when used as a pre-filter in duplex filtration systems by preventing post filtration cartridges from plugging prematurely before their absorption ability is exhausted, maximizing the capacity and utilization of the carbon. This dramatically increases the life span of taste and odor, granular carbon and other fine micron cartridges.
- Spin-out action creates centrifugal force which ensures that particulate is forced outward to the filter bowl, protecting the filter element from abrasion
- Molded heavy duty PVC filter body
- Clear polycarbonate filter bowl allows for visual inspection of flow and filter performance
- Each filter is complete with purge valve for the 1/2" MPT drain cleanout port providing an easy means to flush (clean) filtrates which are deposited on the outside of the filter screen without having to shut off the water supply
- All materials are non-corrosive, ultraviolet stabilized and weather resistant
- Element can be cleaned with a soft brush after the element has been soaked in 50/50 bleach and water solution to remove stains caused by iron, etc. Rinse element thoroughly.

Features	Connection	Inlet/Outlet	Brand	Part Number
"T" Style Screen Filter Housings • 180° In-line "T" style installation, water use only • Increased effective screen area • 150 PSI max working pressure • 38C (100F) max operating temperature • Purge valve and teflon® tape included	FPT x FPT	3/4" x 3/4"	Boshart	43-H07T
	SLIP x SLIP	1" x 1"	Boshart	43-H10T
		1 1/2" x 1 1/2"	Boshart	43-H15T
		2" x 2"	Boshart	43-H20T

Elements For Spin-Out Screen Filter Housings



- Polyester mesh filter elements for "T" style screen filter housings

Mesh	Micron	Opening	Part Number For 3/4" & 1" Housings (Fits 43-H07T & 43H10T)	Part Number For 1 1/2" Housings (Fits 43-H15T)	Part Number For 2" Housings (Fits 43-H20T)
24	711	.028"	43-E10PM-024	43-E15PM-024	43-E20PM-024
30	533	.021"	43-E10PM-030	43-E15PM-030	43-E20PM-030
40	381	.015"	43-E10PM-040	43-E15PM-040	43-E20PM-040
60	254	.010"	43-E10PM-060	43-E15PM-060	43-E20PM-060
100	152	.006"	43-E10PM-100	43-E15PM-100	43-E20PM-100
140	104	.004"	43-E10PM-140	43-E15PM-140	43-E20PM-140
250	61	.0024"	43-E10PM-250	43-E15PM-250	43-E20PM-250
500	30	.0012"	43-E10PM-500	43-E15PM-500	43-E20PM-500
1000	15	.0006"	43-E10PM-1000	43-E15PM-1000	43-E20PM-1000

O-Ring Kits For Spin-Out Screen Filters



- O-Ring Kits for Hot & Cold Water Filters

Description	Part Number
Buna N O-Ring Kit for 3/4" FPT & 1" Slip	43-OR10K
Buna N O-Ring Kit for 1 1/4" FPT & 1 1/2" Slip	43-OR15K
Buna N O-Ring Kit for 1 1/2" FPT & 2" Slip	43-OR20K