



COST EFFECTIVE FILTRATION

Filter: Cartridge Filter Housing

FT SERIES

NEW COST EFFECTIVE DESIGN

These new low cost filter housings are designed in accordance with ASME Code and are available in carbon and stainless steel construction as well as special alloys. They offer a wide range of flow and filtration capabilities. The housings can be configured to accept various standard filter cartridges such as 2.5" diameter x 40" long "string wound" cartridges, or 4.25" diameter x 40" long pleated cartridges, or 6.25" diameter x 40" 226 double o-ring end cartridges.

FEATURES

- Rugged ASME design. Code Stamp Available
- Permanently piped housings are opened without special tools and without disturbing the piping
- Machined cover gasket groove provides positive o-ring seal
- Easy to clean
- Stainless steel internals

OPTIONS

- 2 outlet styles
- Carbon steel, 304 or 316 stainless steel housings
- ASME Code stamp
- O-ring seals: Buna N, EPDM, Viton®, Teflon®
- Accommodates these cartridges:
 - 2.5" DIA x 10, 20, 30, or 40" Length
 - 4.25" DIA x 40" Length
 - 6.25" DIA x 40" Length Cartridges
- Flanged connections for 2-inch through 6-inch pipe



New Flat Top Cartridge Filter Housing
(Model 12 Stainless Steel)



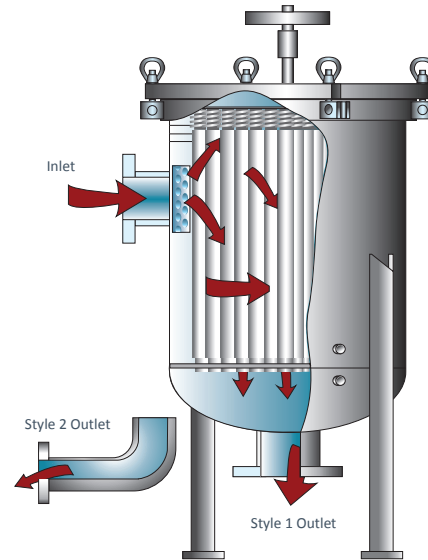
FILTRATION SPECIFICATIONS

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HOW THEY WORK

Unfiltered fluid enters the housing and is distributed through the cartridges, flowing from outside to inside. Solids are collected on the outside surface of the cartridges. The filtered fluid exits through the outlet pipe.

Decide which size cartridge to use and select from the models below.



Cartridge Filter Housing Coding - Model FT10

CHOOSE YOUR CARTRIDGE SIZE AND CONFIGURE YOUR PART NUMBER (EXAMPLE: FT10-8-20-2F-1-150-S-B-DOE-VP-C)

MODEL	CARTRIDGE DIAMETER	NUMBER OF CARTRIDGES	CARTRIDGE LENGTH	FLANGE ANSI RFSO CLASS 150	PIPE STYLE	PSI RATING	HOUSING MATERIAL	SEAL MATERIAL	CARTRIDGE DESIGN	CARTRIDGE SEALING METHOD	ASME CODE STAMP
CARTRIDGE OPTIONS			HOUSING OPTIONS								
FT10	2.75"	8	20 20 INCHES	2F	1 SIDE INLET, BOTTOM OUTLET	150 150 PSI	C CARBON	B BUNA-N	DOE DOUBLE- OPEN END	VP V POST AND SPRING SEAL	C CODE
	4.25"	3	30 30 INCHES	3F	2 IN-LINE, INLET-HIGH, OUTLET-LOW	300 300 PSI	S 304 STAINLESS STEEL	E EPDM	SOE SINGLE- OPEN END NPT	TP THREADED POST	
			40 40 INCHES				S316 316 STAINLESS STEEL	V VITON®	222 DOUBLE O-RING		
							D 2205 DUPLEX STAINLESS STEEL	TEV TEFLON® ENCAPSULATED VITON	226 DOUBLE O-RING		
							SD 2507 SUPER DUPLEX STAINLESS STEEL	TSW TEFLON® (WHITE)			



FILTRATION SPECIFICATIONS

Filter: Cartridge Filter Housing

Cartridge Filter Housing Coding - Model FT12, FT 14, FT16, and FT18

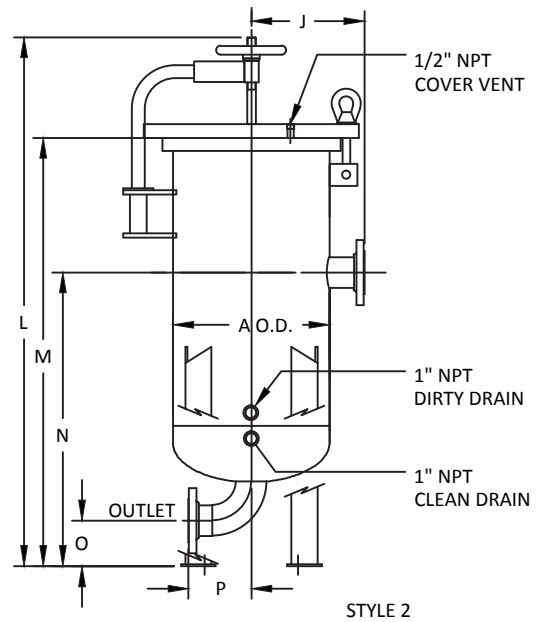
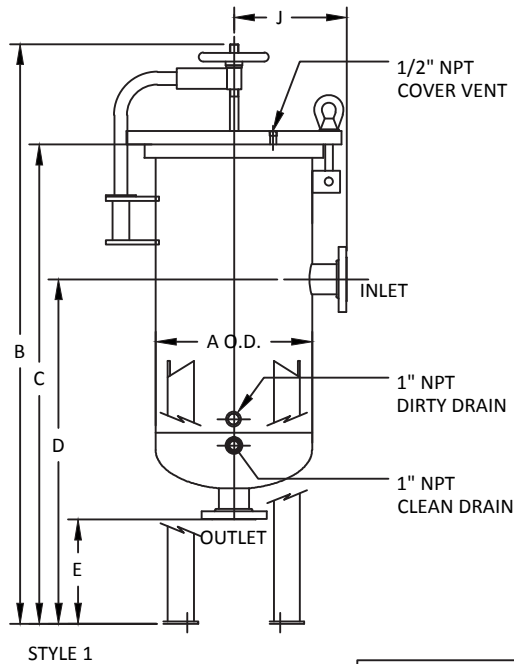
CHOOSE YOUR CARTRIDGE SIZE AND CONFIGURE YOUR PART NUMBER (EXAMPLE: FT16-20-20-2F-1-150-S-B-DOE-VP-C)

MODEL	CARTRIDGE DIAMETER	NUMBER OF CARTRIDGES	CARTRIDGE LENGTH	FLANGE ANSI RFSO CLASS 150	PIPE STYLE	PSI RATING	HOUSING MATERIAL	SEAL MATERIAL	CARTRIDGE DESIGN	CARTRIDGE SEALING METHOD	ASME CODE STAMP
CARTRIDGE OPTIONS			HOUSING OPTIONS								
FT12	2.75"	12	20 20 INCHES	2F	1 SIDE INLET, BOTTOM OUTLET	150 150 PSI	C CARBON	B BUNA-N	DOE DOUBLE- OPEN END	VP V POST AND SPRING SEAL	C CODE
	4.25"	4	30 30 INCHES	3F	2 IN-LINE, INLET-HIGH, OUTLET-LOW	300 300 PSI	S 304 STAINLESS STEEL	E EPDM	SOE SINGLE- OPEN END NPT	TP THREADED POST	
FT14	2.75"	15	40 40 INCHES	4F			S316 316 STAINLESS STEEL	V VITON®	222 DOUBLE O-RING		
	4.25"	5					D 2205 DUPLEX STAINLESS STEEL	TEV TEFLON® ENCAPSULATED VITON	226 DOUBLE O-RING		
	6.25"	2					SD 2507 SUPER DUPLEX STAINLESS STEEL	TSW TEFLON® (WHITE)			
FT16	2.75"	20									
	4.25"	7									
	6.25"	3									
FT18	2.75"	27									
	4.25"	11									
	6.25"	4									



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MODEL 10 & 12 HOUSINGS MUST HAVE 3 LEGS
ALL OTHER MODELS WILL HAVE 4 LEGS

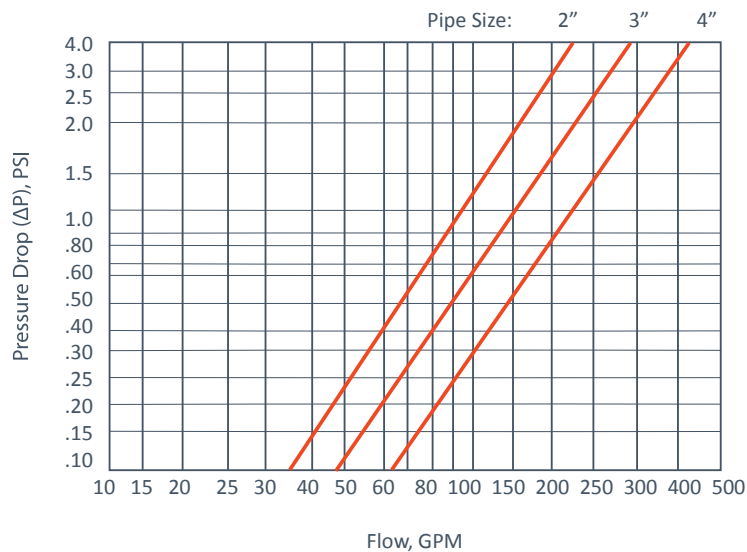
MODEL NUMBER AND CARTRIDGE LENGTHS	PIPE SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "J"	DIM. "L"	DIM. "M"	DIM. "N"	DIM. "O"	DIM. "P"
MODEL 10												
20-INCH	2"	10.8	54.7	43.6	33.1	12.0	9.0	46.4	35.4	24.9	4.5	5.5
	3"							48.4	37.5	27.0	5.3	7.3
30-INCH	2"		64.7	53.6	38.1			56.4	45.4	25.9	4.5	5.5
	3"							58.4	47.5	32.0	5.3	7.3
40-INCH	2"		74.7	63.6	43.1			66.4	55.4	3.9	4.5	5.5
	3"							68.4	57.5	37.0	5.3	7.3
MODEL 12												
20-INCH	2"	12.8	54.4	43.6	33.1	12.0	10.0	46.8	35.8	25.3	4.5	5.5
	3"							49.0	37.9	27.4	5.3	7.3
	4"							51.2	40.1	29.6	6.0	9.0
30-INCH	2"		64.4	53.6	38.1			56.8	45.8	30.3	4.5	5.5
	3"							59.0	47.9	32.4	5.3	7.3
	4"							61.2	50.1	34.6	6.0	9.0
40-INCH	2"		74.4	63.6	43.1			66.8	55.8	35.3	4.5	5.5
	3"							69.0	57.9	37.4	5.3	7.3
	4"							71.2	60.1	39.6	6.0	9.0



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MODEL NUMBER AND CARTRIDGE LENGTHS	PIPE SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "J"	DIM. "L"	DIM. "M"	DIM. "N"	DIM. "O"	DIM. "P"
MODEL 14												
20-INCH	2"	14.0	54.7	43.6	33.1	12.0	11.0	47.1	36.1	25.6	4.5	5.5
	3"							49.0	37.9	27.8	5.3	7.3
	4"							51.5	40.4	29.9	6.0	9.0
30-INCH	2"		64.7	53.6	38.1			52.1	41.1	30.6	4.5	5.5
	3"							54.0	42.9	32.8	5.3	7.3
	4"							57.5	45.4	34.9	6.0	9.0
40-INCH	2"		74.7	63.6	43.1			57.1	46.1	35.6	4.5	5.5
	3"							59.0	47.9	37.8	5.3	7.3
	4"							61.5	50.4	39.6	6.0	9.0
MODEL 16												
20-INCH	2"	16.0	55.7	44.6	34.1	12.0	12.0	47.7	36.6	25.6	4.5	5.5
	3"							49.9	38.8	27.9	5.3	7.3
	4"							52.1	41.0	30.1	6.0	9.0
30-INCH	2"		65.7	54.6	39.1			52.7	41.6	30.6	4.5	5.5
	3"							54.9	53.8	32.9	5.3	7.3
	4"							57.1	46.0	35.1	6.0	9.0
40-INCH	2"		75.7	64.6	44.1			57.7	46.6	35.6	4.5	5.5
	3"							59.9	48.8	37.9	5.3	7.3
	4"							62.1	51.0	40.1	6.0	9.0
MODEL 18												
20-INCH	2"	18.0	53.7	45.1	34.6	12.0	13.0	48.2	37.1	26.1	4.5	5.5
	3"							50.4	39.3	28.4	5.3	7.3
	4"							52.6	41.5	30.6	6.0	9.0
30-INCH	2"		66.3	55.1	39.6			53.2	42.1	31.1	4.5	5.5
	3"							55.4	44.3	33.4	5.3	7.3
	4"							57.6	46.5	35.6	6.0	9.0
40-INCH	2"		76.3	65.1	44.6			58.2	47.1	36.1	4.5	5.5
	3"							60.4	49.3	38.4	5.3	7.3
	4"							62.6	51.5	40.6	6.0	9.0



* Based on housing only. Fluid viscosity, filter cartridge used, and expected dirt loading should be considered when sizing a filter.



FILTRATION SPECIFICATIONS

Filter: Cartridge Options for the FT Series Filter Housing

AB 430 SERIES FILTER CARTRIDGES

Each cartridge has a fixed pore media with a pleat designed to maximize effective surface area and dirt capacity while preventing particle unloading and fiber migration.

DIMENSIONS

- **Outside Diameter:** 4.25"
- **Inside Diameter:** 1.5"
- **Length:** 40"

MATERIALS OF CONSTRUCTION

- **Filter Media:** Cellulose, Polypropylene, Micro-Fiberglass, Polyester, Nylon
- **Center Core:** Polypropylene, Tinned Steel, Stainless Steel
- **Netting:** Polypropylene, Nylon
- **End Caps:** Polypropylene, Acetal, Tinned Steel



PLATINUM SELECT 740 STYLE FILTERS

These cartridges incorporate the features of our platinum series. These include low clean pressure drops, superior dirt capacity, and now NSF / ANSI 61 Certification.

FEATURES

- Certified to NSF / ANSI 61
- FDA compliant according to CFR Title 21
- High dirt holding capacity
- Several micron ratings and efficiencies
- Easy installation and extraction
- Fixed pore structure prevents particle unloading

MATERIALS OF CONSTRUCTION

All components, except o-rings, are made of polypropylene. The raw polypropylene materials are FDA compliant according to CFR Title 21.



Visit our website for more information on these products: rosedaleproducts.com/products/filter-cartridges



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PLATINUM SERIES BETA 500 RATED

These absolute-rated filter cartridges offer maximum dirt holding capacity coupled with micron retention ratings to 0.5 at 99.98% efficiency.

These elements are manufactured in a unique "Y" pleat arrangement that optimizes its physical size and maximizes effective surface area.

PLATINUM 700

- 100 sq. ft. of surface area maximum
- 20 lbs. (approx.) of dirt carrying capacity
- Rated 0.5 micron to 70 micron @ Beta 5000 or 99.98% efficiency
- Flow rates to 100 gpm
- 6.25" diameter and 40" length

AB SERIES CARTRIDGES

These cartridges provide efficient solids removal in liquid systems where series filtration is not required. Ratings range from 0.5 to 70 microns.

Each cartridge has pleated, fixed pore media to maximize surface area, prevent particle unloading, and fiber migration.

STRING WOUND CARTRIDGE ELEMENTS

These continuous-wound cartridge elements come in a wide range of materials, lengths, and micron retention ratings. They offer true depth filtration, higher efficiency, lower pressure drop, and greater solids holding capacity.

DIMENSIONS

Lengths: 9-3/4" to 40"

Inside Diameter: 1"

Outside Diameter: 2-1/2"



Platinum 700 Series



Absolute Pleated Cartridges



String Wound Cartridges

Visit our website for more information on these products: rosedaleproducts.com/products/filter-cartridges



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