

# Flow-Max® Filters



Standard models



Jumbo cartridges



FMJCH3X170

## “Jumbo” Cartridge Filters

The ideal filter housings for optimum convenience and savings! Flow-Max® jumbo filters are designed to accept “jumbo” cartridges for easy installation and replacement. Filter housings are constructed using 316L stainless steel, and are rated for pressures to 150 psi. Pipe fittings on single cartridge models are 2” MNPT, with pressure gauges installed on inlet and outlet fittings. Convenient, band clamp lid closure is easy, safe and secure. Protective poly coat over stainless steel is standard finish. Electro-polishing is available by special order. Replacement cartridges are available in a wide range of micron ratings.

### Features

- Housings accept “jumbo” cartridges for optimum convenience!
- Heavy-duty stainless steel construction for durability
- 316L stainless steel for greater resistance to chemical attack
- Band clamp lid closure is convenient, easy and secure
- Pipe fittings are readily accessible for easy installation
- Pressure gauges are installed on pipe fittings (single cartridge models)
- Superior sealing provided by threaded compression cap & stand-off ring
- Heavy duty mounting legs are standard
- Electro-polishing is available by special order
- Pressure ratings to 300 psi available
- 6 models available for a wide range of flow rates
- Swing bolt & davit closure on 3, 5 and 8 cartridge models

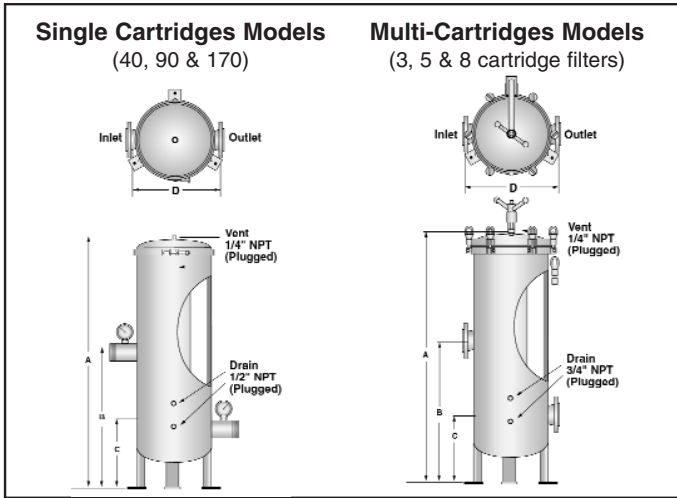


**Adjustable compression cap**  
Provides superior sealing at both cartridge ends.

### Specifications

Model No.	Max. Flow	Cartridge Model	Pipe Size	Drain Size	Ship Weight
FMJCH40	50 GPM	“40” (1)	2” MNPT	1/2”	31 lbs.
FMJCH90	100 GPM	“90” (1)	2” MNPT	1/2”	56 lbs.
FMJCH170	150 GPM	“170” (1)	2” MNPT	1/2”	62 lbs.
FMJCH3X170	450 GPM	“170” (3)	4” flange	3/4”	375 lbs.
FMJCH5X170	750 GPM	“170” (5)	6” flange	3/4”	575 lbs.
FMJCH8X170	1200 GPM	“170” (8)	8” flange	3/4”	600 lbs.

# Flow-Max® Jumbo Cartridge Filter Housings



Model	Dimensions			
	A	B	C	D
FMJCH40	25-1/2"	13-7/8"	8-3/4"	17-1/2"
FMJCH90	35-1/2"	13-7/8"	8-3/4"	17-1/2"
FMJCH170	45-1/2"	13-7/8"	8-3/4"	17-1/2"
FMJCH3X170	61"*	32-3/8"	14"	23-1/2"
FMJCH5X170	67"*	32-3/8"	14"	28-1/2"
FMJCH8X170	67"*	38-3/8"	20"	37-1/8"

\* Plus 10-1/2" for davit.

## Flow-Max® jumbo cartridges

Flow-Max jumbo cartridges are pleated for increased filter area, high flow and low pressure drop. Our engineered filter media is highly efficient to provide superior filtration. All micron ratings utilize 100% synthetic filter media, so there are no adhesives or binders to foam or contaminate. Cartridges are available in a wide range of micron ratings, packaged one per carton.



Product Code	Micron	Length	OD	Carton Size	Ship wt.
<b>Model 40</b>					
FMHC-40-1A	1 Absolute	9-5/8"	7-3/4"	10" x 10" x 12"	4 lbs.
FMHC-40-0.35	0.35	9-5/8"	7-3/4"	10" x 10" x 12"	4 lbs.
FMHC-40-1	1	9-5/8"	7-3/4"	10" x 10" x 12"	3 lbs.
FMHC-40-5	5	9-5/8"	7-3/4"	10" x 10" x 12"	3 lbs.
FMHC-40-20	20	9-5/8"	7-3/4"	10" x 10" x 12"	3 lbs.
FMHC-40-50	50	9-5/8"	7-3/4"	10" x 10" x 12"	3 lbs.
<b>Model 90</b>					
FMHC-90-1A	1 Absolute	19-1/2"	7-3/4"	8" x 8" x 20"	6 lbs.
FMHC-90-0.35	0.35	19-1/2"	7-3/4"	8" x 8" x 20"	6 lbs.
FMHC-90-1	1	19-1/2"	7-3/4"	8" x 8" x 20"	5 lbs.
FMHC-90-5	5	19-1/2"	7-3/4"	8" x 8" x 20"	5 lbs.
FMHC-90-20	20	19-1/2"	7-3/4"	8" x 8" x 20"	5 lbs.
FMHC-90-50	50	19-1/2"	7-3/4"	8" x 8" x 20"	5 lbs.
<b>Model 170</b>					
FMHC-170-1A	1 Absolute	30-3/4"	7-3/4"	8" x 8" x 31"	15 lbs.
FMHC-170-0.35	0.35	30-3/4"	7-3/4"	8" x 8" x 31"	15 lbs.
FMHC-170-1	1	30-3/4"	7-3/4"	8" x 8" x 31"	14 lbs.
FMHC-170-5	5	30-3/4"	7-3/4"	8" x 8" x 31"	14 lbs.
FMHC-170-20	20	30-3/4"	7-3/4"	8" x 8" x 31"	14 lbs.
FMHC-170-50	50	30-3/4"	7-3/4"	8" x 8" x 31"	14 lbs.

## Spare parts

Description	Part Numbers	Description	Part Number
Gasket, Buna-N, single cartridge	FM10017-B	Drain plug, 1/2"	FM8011-316
Gasket, Viton, single cartridge	FM10017-V	Vent plug, 1/4"	FM2013-316
Cover clamp, single cartridge	FM10008-316	Head cover, 316L stainless steel	FM10001-316
Compression cap	FMCC	Center post, 40	FMCP40
Knob for compression cap, 1/2"	FM8020	Center post, 90	FMCP90
Pressure gauges	PGO15L25	Center post, 170	FMCP170

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