

Coalescing Filters & Port Sizes.

(Approximate size relationship as shown)



FCD10 Sentry Modular
NPTF & BSPP Port Sizes:
1/8, 1/4
Tubing Sizes: 1/4, 3/8,
4mm, 6mm, 8mm, & 10mm



FCD50 Miniature
NPTF & BSPP Port Sizes:
1/8, 1/4



FCD60 Guardsman
NPTF & BSPP Port Sizes:
1/4, 3/8, & 1/2



BFCD70 Guardsman II
NPTF & BSPP Port Sizes:
1/4, 3/8, & 1/2



FD101 Vanguard Modular
NPTF & BSPP Port Sizes:
1/4, 3/8, 1/2 & 3/4



FC5A350 Modular
NPTF & BSPP Port Sizes:
1/4, 3/8 & 1/2



FCD380 Modular
NPTF & BSPP Port Sizes:
3/8, 1/2 & 3/4



FCD101 High Flow
NPTF & BSPP Port Sizes:
3/4 & 1



BFCD201 High Flow
NPTF & BSPP Port Sizes:
3/4 & 1



BFC6A401 High Flow
NPTF & BSPP Port Sizes:
1-1/4 & 1-1/2



BFC6A401H High Flow
NPTF & BSPP Port Sizes:
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Boxes that are marked with yellow are available options for the product listed. Numbers and letters inside each yellow box reflects the proper suffix / prefix needed. See Master Pneumatic catalog for complete product breakdown chart.

PIPE SIZE CHART

	TUBING						NPTF AND BSPP PIPE THREADS									
	1/4	3/8	4mm	6mm	8mm	10mm	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	
FCD10	04	06	M4	M6	M8	M10	1	2								
FCD50							1	2								
FCD60									2	3	4					
BFCD70									2	3	4					
FC101									2	3	4					
FC5A350									2	3	4					
FCD380									3	4	6					
FCD101												6	8			
BFCD201												6	8	10	12	
BFC6A401														10	12	16

OPTIONS CHART

		FCD10	FCD50	FCD60	BFCD70	FC101	FC5A350	FCD380	FCD101	BFCD201	BFC6A401
BOWL (prefix)	Metal	B	B	B	B	B		B	B	B	B
	Plastic										
DRAIN (prefix)	Automatic	FCD	FCD	FCD	FCD			FCD	FCD	FCD	
	Float - brass stem (only with metal bowl option)				BF06A	BF06A	BF06A	BF06A	BF06A	BF06A	BF06A
	Float - plastic stem (Only with plastic bowl option)				FC5A	FC5A	FC5A	FC5A	FC5A	FC5A	FC5A
	Manual	FC	FC	FC	FC	FC	FC	FC	FC	FC	FC
	No Drain	LDC	LDC			LDC		LDC	LDC	LDC	F7A
	Hydro-Jector (Float)					LDC		LDC	LDC	LDC	F7AE
	ELEMENTS (suffix)	0.01-µm	E8	E8	E8	E8	E8	E8	E8	E8	E8
	0.3-µm										
BOWL LENGTH (prefix)	Standard										
	Extended				H	H	H	H		H	H 2" STD
DIFFERENTIAL PRESSURE GAUGE (prefix)	No gauge										
	Small gauge						S	S	S	S	S
	Large gauge					L		L			L
	Reed switch (normally open)					E		E	E	E	E
	Reed switch (normally closed)					E2		E2	E2	E2	E2

FLOW RATE & OPERATING RANGES

	PORT SIZE	FLOW RATE (0.01-µm ELEMENT)	FLOW RATE (0.3-µm ELEMENT)	INLET OPERATING PSI
		(PSIG Inlet) SCFM @ 5 PSI	(PSIG Inlet) SCFM @ 5 PSI	Range (bowl type)
FCD10	1/8	(91 PSIG) 6 SCFM	(91 PSIG) 8 SCFM	15-150 PSIG
	1/4	(91 PSIG) 6.1 SCFM	(91 PSIG) 9.5 SCFM	
FCD50	1/8	(91 PSIG) 5.6 SCFM	(91 PSIG) 7 SCFM	15-150 PSIG (plastic) 15-200 PSIG (metal)
	1/4	(91 PSIG) 5.6 SCFM	(91 PSIG) 8 SCFM	
FCD60	1/4	(100 PSIG) 20 SCFM	(100 PSIG) 27 SCFM	15-150 PSIG (plastic) 15-200 PSIG (metal)
	3/8	(100 PSIG) 23 SCFM	(100 PSIG) 37 SCFM	
	1/2	(100 PSIG) 23 SCFM	(100 PSIG) 42 SCFM	
BFCD70	1/4	(100 PSIG) 26 SCFM	(100 PSIG) 35 SCFM	15-200 PSIG (diff. metal) 30-200 PSIG (float metal)
	3/8	(100 PSIG) 35 SCFM	(100 PSIG) 54 SCFM	
	1/2	(100 PSIG) 39 SCFM	(100 PSIG) 62 SCFM	
BFCD70H	1/4	(100 PSIG) 38 SCFM	(100 PSIG) 40 SCFM	15-200 PSIG (diff. metal) 30-200 PSIG (float metal)
	3/8	(100 PSIG) 58 SCFM	(100 PSIG) 75 SCFM	
	1/2	(100 PSIG) 70 SCFM	(100 PSIG) 85 SCFM	
FC101	1/4		(92 PSIG) 48 SCFM	15-150 PSIG (diff. plastic) 15-200 PSIG (diff. metal) 30-150 PSIG (float plastic) 30-200 PSIG (float metal)
	3/8		(92 PSIG) 55 SCFM	
	1/2		(92 PSIG) 62 SCFM	
FC101H	1/4		(92 PSIG) 58 SCFM	15-150 PSIG (diff. plastic) 15-200 PSIG (diff. metal) 30-150 PSIG (float plastic) 30-200 PSIG (float metal)
	3/8		(92 PSIG) 40 SCFM	
	1/2		(92 PSIG) 78 SCFM	

FLOW RATE & OPERATING RANGES

	PORT SIZE	FLOW RATE (0.01-µm ELEMENT)	FLOW RATE (0.3-µm ELEMENT)	INLET OPERATING PSI
		(PSIG Inlet) SCFM @ 5 PSI	(PSIG Inlet) SCFM @ 5 PSI	Range (bowl type)
FC5A350	1/4	(91.3 PSIG) 23 SCFM	(91.3 PSIG) 37 SCFM	30-150 PSIG (float plastic) 30-200 PSIG (float metal)
	3/8	(91.3 PSIG) 25 SCFM	(91.3 PSIG) 37 SCFM	
	1/2	(91.3 PSIG) 25 SCFM	(91.3 PSIG) 38 SCFM	
FCD380	3/8		(92 PSIG) 60 SCFM	15-150 PSIG (diff. plastic) 15-200 PSIG (diff. metal) 30-150 PSIG (float plastic) 30-200 PSIG (float metal)
	1/2		(92 PSIG) 68 SCFM	
	3/4		(92 PSIG) 72 SCFM	
FCD380H	3/8		(92 PSIG) 78 SCFM	15-150 PSIG (diff. plastic) 15-200 PSIG (diff. metal) 30-150 PSIG (float plastic) 30-200 PSIG (float metal)
	1/2		(92 PSIG) 100 SCFM	
	3/4		(92 PSIG) 118 SCFM	
FCD101	3/4	(92 PSIG) 100 SCFM	(92 PSIG) 140 SCFM	15-150 PSIG (diff. plastic) 15-200 PSIG (diff. metal) 30-150 PSIG (float plastic) 30-200 PSIG (float metal)
	1	(92 PSIG) 135 SCFM	(92 PSIG) 160 SCFM	
BFC6A401	1-1/4	(91 PSIG) 240 SCFM	(91 PSIG) 315 SCFM	15-200 PSIG (diff. metal) 30-200 PSIG (float metal)
	1-1/2	(91 PSIG) 260 SCFM	(91 PSIG) 340 SCFM	
	2	(92 PSIG) 580 SCFM	(92 PSIG) 600 SCFM	
BFCD201	3/4	(100 PSIG) 150 SCFM	(100 PSIG) 185 SCFM	15-200 PSIG (diff. metal) 30-200 PSIG (float metal)
	1	(100 PSIG) 170 SCFM	(100 PSIG) 220 SCFM	
	1-1/4		(100 PSIG) 240 SCFM	
	1-1/2		(100 PSIG) 270 SCFM	
BFCD201H	3/4	(100 PSIG) 200 SCFM	(100 PSIG) 240 SCFM	15-200 PSIG (diff. metal) 30-200 PSIG (float metal)
	1	(100 PSIG) 250 SCFM	(100 PSIG) 290 SCFM	
	1-1/4	(100 PSIG) 285 SCFM	(100 PSIG) 340 SCFM	
	1-1/2	(100 PSIG) 360 SCFM	(100 PSIG) 450 SCFM	



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