

General Purpose Air Filter & Port Sizes.

(Approximate size relationship as shown)



FD10 Sentry Modular
NPTF & BSPP Port Sizes:
1/8, 1/4
Tubing Sizes: 1/4, 3/8,
4mm, 6mm, 8mm, & 10mm



FD50 Miniature
NPTF & BSPP Port Sizes:
1/8, 1/4



FD60 Guardsman
NPTF & BSPP Port Sizes:
1/4, 3/8, & 1/2



BFD70 Guardsman II
NPTF & BSPP Port Sizes:
1/4, 3/8, & 1/2



FD100 Vanguard Modular
NPTF & BSPP Port Sizes:
1/4, 3/8, 1/2 & 3/4



F5A350 Modular
NPTF & BSPP Port Sizes:
1/4, 3/8 & 1/2



FD380 Modular
NPTF & BSPP Port Sizes:
3/8, 1/2 & 3/4



FD100 High Flow
NPTF & BSPP Port Sizes:
3/4 & 1



BFD200 High Flow
NPTF & BSPP Port Sizes:
3/4, 1, 1-1/4 & 1-1/2



BF6A400 High Flow
NPTF & BSPP Port Sizes:
1-1/4, 1-1/2, & 2



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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
FD10	O4	O6	M4	M6	M8	M10	1	2							
FD50							1	2							
FD60								2	3	4					
BFD70								2	3	4					
FD100								2	3	4	6X				
F5A350								2	3	4					
FD380									3	4	6				
FD100											6	8			
BFD200											6	8	10	12	
BF6A400													10	12	16

	FD10	FD50	FD60	BFD70	FD100	F5A350	FD380	FD100	BFD200	BF6A400
BOWL (prefix)										
Metal	B	B	B	B	B	B	B	B	B	B
Plastic										
DRAIN (prefix)										
Automatic	FD	FD	FD	FD	FD		FD	FD	FD	
Float - brass stem (only with metal bowl option)				BF6A	BF6A	BF6A	BF6A	BF6A	BF6A	BF6A
Float - plastic stem (Only with plastic bowl option)				F5A	F5A	F5A	F5A	F5A	F5A	F5A
Manual	F	F	F	F	F	F	F	F	F	F
No Drain	LDC	LDC			LDC		LDC	LDC	LDC	F7A
Hydro-Jector (Float)					LDC		LDC	LDC	LDC	F7AE
ELEMENTS (suffix)										
5-µm bronze	E5	E5	E5	E5	E5	E5	E5	E5		E5
5-µm polyethylene										
20-µm bronze	E4	E4	E4	E4	E4	E4	E4	E4		
40-µm bronze	E3	E3	E3	E3	E3	E3	E3	E3		E3
BOWL LENGTH (prefix)										
Standard										
Extended				H						
DIFFERENTIAL PRESSURE GAUGE (prefix)										
No gauge										
Small gauge					S	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		INLET OPERATING PSI
	PORT SIZE	(PSIG Inlet) SCFM @ 5 PSI	Range
FD10	1/4	(100 PSIG) 31 SCFM	15-150 PSIG
FD50	1/8	(100 PSIG) 11 SCFM	15-150 PSIG (plastic bowl)
	1/4	(100 PSIG) 22 SCFM	15-200 PSIG (metal bowl)
FD60	1/4	(100 PSIG) 46 SCFM	15-150 PSIG (plastic bowl)
	3/8	(100 PSIG) 65 SCFM	15-200 PSIG (metal bowl)
	1/2	(100 PSIG) 76 SCFM	
BFD70	1/4	(100 PSIG) 51 SCFM	15-200 PSIG (diff metal bowl)
	3/8	(100 PSIG) 70 SCFM	30-200 PSIG (Float metal bowl)
	1/2	(100 PSIG) 76 SCFM	
FD100	1/4	(100 PSIG) 42 SCFM	15-150 PSIG (diff plastic bowl)
	3/8	(100 PSIG) 81 SCFM	15-200 PSIG (diff metal bowl)
	1/2	(100 PSIG) 132 SCFM	30-150 PSIG (float plastic bowl)
	3/4	(100 PSIG) 152 SCFM	30-200 PSIG (float metal bowl)
F5A350	1/4	(91 PSIG) 52 SCFM	40-125 PSIG (float plastic bowl)
	3/8	(91 PSIG) 65 SCFM	40-175 PSIG (float metal bowl)
	1/2	(91 PSIG) 72 SCFM	
FD380	3/8	(92 PSIG) 100 SCFM	15-150 PSIG (diff plastic bowl)
	1/2	(92 PSIG) 135 SCFM	15-200 PSIG (diff metal bowl)
	3/4	(92 PSIG) 160 SCFM	30-150 PSIG (float plastic bowl)
FD100	3/4	(100 PSIG) 250 SCFM	30-200 PSIG (float metal bowl)
	1	(100 PSIG) 275 SCFM	15-150 PSIG (diff plastic bowl)
BFD200	3/4	(100 PSIG) 345 SCFM	15-200 PSIG (diff metal bowl)
	1	(100 PSIG) 450 SCFM	30-200 PSIG (float metal bowl)
	1-1/4	(100 PSIG) 625 SCFM	
	1-1/2	(100 PSIG) 650 SCFM	
BF6A400	1-1/4	(92 PSIG) 700 SCFM	15-200 PSIG (diff metal bowl)
	1-1/2	(92 PSIG) 750 SCFM	30-200 PSIG (float metal bowl)
	2	(92 PSIG) 850 SCFM	



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