

Compressed air filters



Pure air . Pure gas

Pneumatech Pride

For over 40 years, Pneumatech products have provided complete solutions for all of our customers' filtration needs. Today, we're very proud to continue that legacy with our newest line of enhanced filtration systems and replacement elements for our valued customers.



TF PF 1-11 HE - Threaded Filters PF 2F-9F HE - Flanged Filters

Pneumatech Model HE *	Filter grade type	Filter grade				Pressure drop		Filter element
		Oil mg/m ³	Dust			Dry psid	Saturated psid	Color
			% at 0.01 μm	% at 1 μm	% at MPPS			
G	Liquid removal filter	<0.07	N/A	N/A	N/A	1.23	2.61	Green
C	High efficiency liquid removal filter	<0.008	N/A	N/A	N/A	1.45	3.12	Red
S	Dust filters	N/A	99.93 %	99.998%	99.92 %	1.23	N/A	Green
D	High efficiency dust filter	N/A	99.995 %	> 99.999 %	99.98 %	1.45	N/A	Red
V	Oil vapor and odor removal filter	0.003	N/A	N/A	N/A	2.03	N/A	N/A

*Fill in letter in place of X designation in table on reverse side for correct model number

Important features & benefits
Enhanced high-performance stainless steel filter cores ensure ultimate strength and low risk of implosion
New, enhanced filter design to ensure high filter efficiency, low pressure drop and guaranteed lifetime performance
Optimized head design for low pressure drop
Robust and extremely easy to maintain
Cartridge color based on type of filtration grade, makes it easy to service

Options	1-3 HE	4-11 HE	2F-9F HE
Pressure gauge	-	✓	✓
Pressure indicator	✓	-	-
Voltage free contacts NO/ NC	•	•	•
Wall mounting kits	•	•	-
Serial connection kits	•	•	-
No-loss drain	•	•	•
Mechanical float drain	-	-	•

- ✓ Standard
- Optional
- Not available



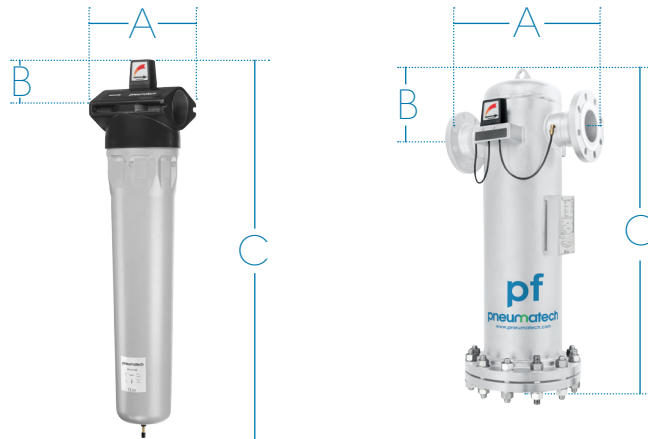
Technical data

High Efficiency

Type	Nominal flow			Max. pressure		Connection	Dimensions						Weight	
	(cfm)	(l/min)	(m³/h)	bar	psi		NPT	in			mm			lb
						A		B	C	A	B	C		
THREADED														
TF PF 1X HE	21	600	36	16	232	¾"	3.5	2.4	10.6	90	61	268	2.2	1
TF PF 2X HE	42	1200	72	16	232	½"	3.5	2.4	10.6	90	61	268	2.4	1.1
TF PF 3X HE	64	1800	108	16	232	½"	3.5	2.4	12.8	90	61	323	2.9	1.3
TF PF 4X HE	85	2400	144	16	232	¾" & 1"	4.3	3.9	14.7	110	99	374	4.2	1.6
TF PF 5X HE	127	3600	216	16	232	1"	4.3	3.9	16.3	110	99	414	4.6	2.1
TF PF 6X HE	233	6600	396	16	232	1½"	5.5	4.1	20.5	140	105	520	9.3	4.2
TF PF 7X HE	339	9600	576	16	232	1½"	5.5	4.1	23.7	140	105	603	9.9	4.5
TF PF 8X HE	466	13200	792	16	232	1½"	5.5	4.1	23.7	140	105	603	10.1	4.6
TF PF 9X HE	678	19200	1152	16	232	2" & 2½"	7.1	4.8	27.1	179	121	689	15.2	6.9
TF PF 10X HE	953	27000	1620	16	232	3"	8.3	5.1	31.1	210	128	791	24.2	11
TF PF 11X HF	1271	36000	2160	16	232	3"	8.3	5.1	37.8	210	128	961	27.8	12.6
FLANGED														
PF 2FX HE	1801	51000	3060	16	232	ANSI 4"	20.1	9.1	54.5	510	230	1360	310.9	141
PF 3FX HE	2331	66000	3960	16	232	ANSI 4"	20.1	9.1	54.5	510	230	1360	415.3	143
PF 4FX HE	2966	84000	5040	16	232	ANSI 6"	24.4	11.4	59.3	620	290	1480	463	210
PF 5FX HE	3814	108000	6480	16	232	ANSI 6"	25.2	11.2	62.2	640	285	1555	388	176
PF 6FX HE	4662	132000	7920	16	232	ANSI 6"	25.2	11.2	62.2	640	285	1555	392.4	178
PF 7FX HE	6357	180000	10800	16	232	ANSI 8"	32.3	15.7	69.7	820	400	1745	925.9	420
PF 8FX HE	8476	240000	14400	16	232	ANSI 8"	32.3	15.7	69.7	820	400	1745	943.6	428
PF 9FX HE	10594	300000	18000	16	232	ANSI 8"	32.3	15.7	69.7	820	400	1745	952.4	432

Reference conditions :

Compressed air inlet pressure: 7 bar(g)/102 psig
Compressed air inlet temperature: 20°C/68°F



Correction factors

Inlet pressure (bar)	1	2	3	4	5	6	7	8	10	12	14	16
Inlet pressure (psi)	15	29	44	58	72.5	87	102	116	145	174	203	232
Correction factor	0.38	0.53	0.65	0.75	0.83	0.92	1	1.06	1.2	1.31	1.41	1.5

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