

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 – all in stock and ready to ship.

In the Pneumatech product range we can deliver compressed air filters in dual offer with the S (standard) and the HE (high efficiency) variants.



1-11 HE/1F-12F HE

Pneumatech Model HE	Filter grade type	Filter grade				Pressure drop		Filter element
		Oil mg/m ³	Dust			Dry mbar	Saturated mbar	Color
			% at 0.01 μm	% at 1 μm	% at MPPS			
P	Pre-filter	<1	95.29 %	95.65 %	92.03 %	70	90	Yellow
G	Liquid removal filter	<0.07	N/A	N/A	N/A	85	180	Green
C	High efficiency liquid removal filter	<0.008	N/A	N/A	N/A	100	215	Red
S	Dust filters	N/A	99.93 %	99.998%	99.92 %	85	N/A	Green
D	High efficiency dust filter	N/A	99.995 %	> 99.999 %	99.98 %	100	N/A	Red
V	Oil vapor and odor removal filter	0.003	N/A	N/A	N/A	140	N/A	N/A

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	1F-12F 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

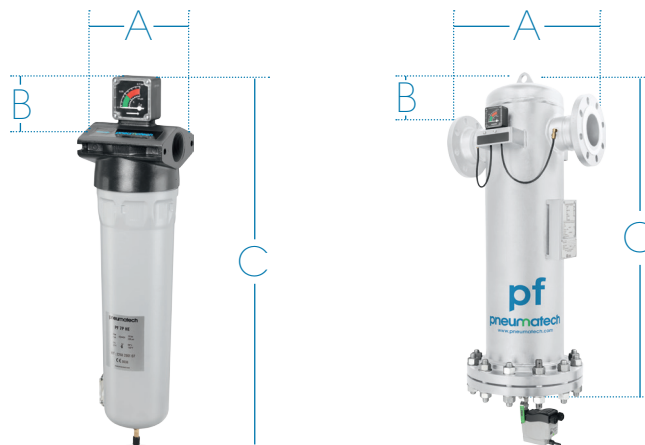
High Efficiency

Type	Technology	Nominal flow			Max. pressure		Connection	Dimensions						Weight	
		(l/min)	(m³/h)	(CFM)	bar	psi		mm			in			kg	lb
							A	B	C	A	B	C			
1 HE	Threaded	600	36	21	16	290	¾"	90	61	268	3.5	2.4	10.6	1	2.2
2 HE	Threaded	1200	72	42	16	290	½"	90	61	268	3.5	2.4	10.6	1.1	2.4
3 HE	Threaded	1800	108	64	16	290	½"	90	61	323	3.5	2.4	12.8	1.3	2.9
4 HE	Threaded	2400	144	85	16	290	¾" & 1"	110	99	374	4.3	3.9	14.7	1.6	4.2
5 HE	Threaded	3600	216	127	16	290	1"	110	99	414	4.3	3.9	16.3	2.1	4.6
6 HE	Threaded	6600	396	233	16	290	1½"	140	105	520	5.5	4.1	20.5	4.2	9.3
7 HE	Threaded	9600	576	339	16	290	1½"	140	105	603	5.5	4.1	23.7	4.5	9.9
8 HE	Threaded	13200	792	466	16	290	1½"	140	105	603	5.5	4.1	23.7	4.6	10.1
9 HE	Threaded	19200	1152	679	16	290	2" & 2½"	179	121	689	7.1	4.8	27.1	6.9	15.2
10 HE	Threaded	27000	1620	954	16	290	3"	210	128	791	8.3	5.1	31.1	11	24.2
11 HE	Threaded	36000	2160	1272	16	290	3"	210	128	961	8.3	5.1	37.8	12.6	27.8
1F HE	Flanged	33000	1980	1166	16	232	DN80	370	190	1295	14.6	7.5	51	76	167.6
2F HE	Flanged	51000	3060	1802	16	232	DN100	510	230	1360	20.1	9.1	53.5	141	310.9
3F HE	Flanged	66000	3960	2332	16	232	DN100	510	230	1360	20.1	9.1	53.5	143	415.3
4F HE	Flanged	84000	5040	2969	16	232	DN150	620	290	1480	24.4	11.4	58.3	210	463
5F HE	Flanged	108000	6480	3817	16	232	DN150	640	285	1555	25.2	11.2	61.2	176	388
6F HE	Flanged	132000	7920	4665	16	232	DN150	640	285	1555	25.2	11.2	61.2	178	392.4
7F HE	Flanged	180000	10800	6361	16	232	DN200	820	400	1745	32.3	15.7	68.7	420	925.9
8F HE	Flanged	240000	14400	8482	16	232	DN200	820	400	1745	32.3	15.7	68.7	428	943.6
9F HE	Flanged	300000	18000	10602	16	232	DN250	820	400	1745	32.3	15.7	68.7	432	952.4
10F HE	Flanged	360000	21600	12722	16	232	DN250	920	550	2085	32.2	18.9	80.3	594	1034
11F HE	Flanged	420000	25200	14843	16	232	DN300	920	550	2085	36.2	21.7	82.1	597	1479.3
12F HE	Flanged	480000	28800	16963	16	232	DN300	1040	525	2070	40.9	20.7	81.5	1140	1984.2

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

Pneumatech reserves the right to change or revise specifications and product design in connection with any features of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

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