

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 S

Pneumatech Model S	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	93.63 %	94.19%	89.45 %	85	115	Yellow
G	Liquid removal filter	<0.1	N/A	N/A	N/A	120	205	Green
C	High efficiency liquid removal filter	<0.01	N/A	N/A	N/A	140	240	Red
S	Dust filters	N/A	99.87 %	99.97 %	99.81 %	120	N/A	Green
D	High efficiency dust filter	N/A	99.992 %	99.999 %	99.97 %	140	N/A	Red
V	Oil vapor and odor removal filter	0.003	N/A	N/A	N/A	160	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
Wide range of practical options

Options	1-11 S
Sight glass	✓
Voltage free contacts NO/ NC	•
Wall mounting kits	•
Serial connection kits	•
No-loss drain	•

- ✓ Standard
- Optional
- Not available

Technical data

Standard

Type	Nominal flow			Connections	Dimensions				Weight	
	(l/min)	(m³/h)	(CFM)		G	mm		in		kg
				A		B	A	B		
1 S	720	43	25	3/8"	90	228	3.5	8.9	1	2.2
2 S	1500	90	53	1/2"	90	228	3.5	8.9	1.1	2.4
3 S	2100	126	74	1/2"	90	283	3.5	11.0	1.3	2.9
4 S	3000	180	106	3/4"	110	303	4.3	11.8	1.9	4.2
				1"						
5 S	4800	288	170	1"	110	343	4.3	13.4	2.1	4.6
6 S	8400	504	297	1 1/2"	140	449	5.5	17.5	4.2	9.2
7 S	11400	684	403	1 1/2"	140	532	5.5	20.7	4.5	9.9
8 S	15600	936	551	1 1/2"	140	532	5.5	20.7	4.6	10.1
9 S	21600	1296	763	2"	179	618	7.0	24.1	6.9	15.2
				2 1/2"						
10 S	31500	1890	1112	3"	210	720	8.2	28.1	11	24.2
11 S	40500	2430	1430	3"	210	890	8.2	34.7	12.6	27.7

Reference conditions :

Compressed air inlet pressure: 7 bar(g)/102 psig

Maximum operating temperature: 66°C/ 150.8°F;

and 35°C/95°F only for V series

Minimum operating temperature of 1°C/ 33.8°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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