

# Compressed Air Filters

## 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 PEF (Economic) and the PPF (Professional) variants.



## Technical Data (PEF)

Model	Nominal Capacity			Max. pressure		Connection D	Dimension (mm)			Weight kg
	l/min	m³/h	CFM	bar	psi		A (For Disassembling)	B	C	
PEF 9	720	43	25	16	232	3/4"	312	237	90	0.76
PEF 18	1500	90	53	16	232	3/4"	312	237	90	0.77
PEF 25	2100	126	74	16	232	3/4"	367	292	90	0.89
PEF 35	3000	180	106	16	232	1"	380	305	110	1.39
PEF 60	4800	288	170	16	232	1.5"	435	360	126	1.67
PEF 105	8400	504	297	16	232	2"	565	465	155	3.29
PEF 140	11400	684	403	16	232	2"	600	500	155	3.63
PEF 175	15600	936	551	16	232	2"	645	545	155	3.86
PEF 260	21600	1296	763	16	232	2.5"	767	617	193	6.12
PEF 380	31500	1890	1112	16	232	3"	920	720	210	8.76
PEF 490	40500	2430	1430	16	232	3"	1090	890	210	10.3



Reference conditions:  
Compressed air inlet pressure: 7bar (g) 102 psig  
Compressed air inlet temperature: 1 °C/33.8°F

Important features and benefits
Enhanced high-performance 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
Catridge labeling color based on type of filtration grade, makes it easy to service

Options	PEF
Manual drain 1/4"	✓

✓ Standard

Pneumatech Model	Filter Grade Type	Filter Grade				Pressure Drop		Filter Element Label color
		Oil mg/m³	Dust		Dry mbar	Saturated mbar		
			% at 0.01µm	% at 1µm			% at MPPS	
G	Liquid removal filter	< 0.1	N/A	N/A	N/A	120	205	Red
C	High efficiency liquid removal filter	< 0.01	N/A	N/A	N/A	140	240	Green
S	Dust filters	N/A	99.87%	99.97%	99.81%	120	N/A	Red
D	High efficiency dust filter	N/A	99.992%	99.999%	99.97%	140	N/A	Green
V	Oil vapor and odor removal filter	0.003	N/A	N/A	N/A	160	N/A	Black

## Correction Factor

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

## Technical Data (PPF)

Model	Nominal Capacity			Max. pressure		Connection D	Dimension (mm)			Weight kg
	l/min	m³/h	CFM	bar	psi		A (For Disassembling)	B	C	
PPF 9	720	43	25	16	232	3/4"	312	237	90	0.76
PPF 18	1500	90	53	16	232	3/4"	312	237	90	0.77
PPF 25	2100	126	74	16	232	3/4"	367	292	90	0.89
PPF 35	3000	180	106	16	232	1"	380	305	110	1.39
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PPF 260	21600	1296	763	16	232	2.5"	767	617	193	6.12
PPF 380	31500	1890	1112	16	232	3"	920	720	210	8.76
PPF 490	40500	2430	1430	16	232	3"	1090	890	210	10.3



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

Important features and benefits
Enhanced high-performance 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
Catridge labeling color based on type of filtration grade, makes it easy to service

Options	PPF 9-25	PPF 35-490
Pressure gauge	—	✓
Pressure indicator	✓	—
Mechanical float drain	✓	✓

✓ Standard — Not available