

# Compatible Compressed Air Filter Elements

## Alternative replacement elements

### LIST OF COMPATIBLE ELEMENTS

**ALUP**  
**ATLAS COPCO**  
**BEA FILTRI**  
**BEKO**  
**BOTTARINI / AIR KRONE**  
**CECCATO**  
**COMPAIR**  
**DELTECH**  
**DOMNICK HUNTER**  
**FRIULAIR**  
**HANKISON**  
**HIROSS**  
**HYDROVANE**



**INGERSOLL-RAND**  
**KAESER**  
**MIKROPOR**  
**MTA**  
**OMEGA**  
**SMC**  
**SULLAIR**  
**TECHNOLAB**  
**ULTRAFILTER**  
**VAN AIR**  
**WALKER**  
**WORTHINGTON**  
**ZANDER**

Allied Air can supply a comprehensive range of compatible or equivalent replacement elements suitable for installation in many other brands of filters.

Every compatible element is built to the same exact standards consistent to our own elements.

Performances of our compatible elements are always equal to or better than the original.

# Compressed Air Accessories



**Note:** The various brand names mentioned above are for reference only and may be registered trademark of its respective owners  
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*Allied Air Products and Services*

## Compressed Air Filters

High efficiency filtration for clean & technically oil-free compressed air

Atmospheric air is not just made up of Nitrogen, Oxygen and rare gases. In one cubic metre of air, there are millions of particles of potentially harmful dust, bacteria, viruses, smoke, fumes, hydrocarbons, water, oil and other contaminants derived from human and industrial activities. When this air is sucked into your compressor and compressed to 8 bar pressure, for instance, the concentration of particles will increase by eight times.

Approximately 80% of these particles are so small that they easily pass through your compressor's intake filters and find their way to your process line to cause either frequent expensive downtime of your pneumatic machine or adversely affect the quality of your end products.

This is why it is important to incorporate compressed air treatment into your compressed air system. Speak to one of our consultants at Allied Air Products and Services regarding your air treatment needs.



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# Compressed Air Filters

High efficiency filtration for clean & technically oil-free compressed air

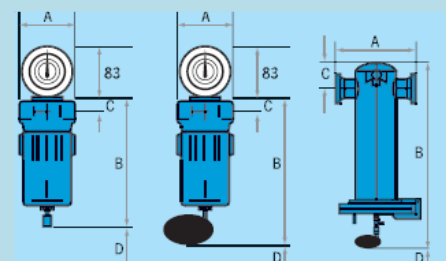
## Filter Technical Information

	Filter Model AFE	Pipe Conn.	Capacity At 7 Bar Gauge Pressure		Max Oper. Pressure (bar g)	Approx. weight (kg)	Dimensions				Replacement Element Model
			(m3/min)	(cfm)			A	B	C	D	
THREADED	G0010	G 1/2	0.66	23	16	1.0	87	182	21	60	EA10
	G0015	G 1/2	0.96	34	16	1.1	87	215	21	75	EA15
	G0020	G 1/2	1.32	47	16	1.1	87	215	21	90	EA20
	G0030	G 3/4	1.98	70	16	1.2	87	311	21	90	EA30
	G0055	G1	3.30	116	16	3.8	130	311	43	135	EA55
	G0095	G1 1/2	5.70	201	16	4.3	130	420	43	235	EA95
	G0150	G1 1/2	9.00	318	16	4.9	130	512	43	335	EA150
	G0220	G1 1/2	13.32	470	16	7.0	130	719	43	525	EA220
	G0290	G2	17.46	616	16	10.2	164	913	48	520	EA290
	G0430	G2 1/2	26.16	923	16	12.5	164	1167	48	770	EA430
	G0625	G3	37.50	1324	16	28.0	250	1161	74	610	EA625
	G0775	G3	46.62	1645	16	29.2	250	1421	74	760	EA775
FLANGED	F0430	DN80	26.16	923	16	96.0	380	1393	170	580	EA430 (1)
	F0625	DN80	37.50	1324	16	130.0	440	1470	200	580	EA625 (1)
	F0775	DN80	46.62	1645	16	131.0	440	1470	200	580	EA775 (1)
	F0870	DN100	52.32	1847	16	213.0	500	1526	230	580	EA430 (2)
	F1300	DN100	78.48	2770	16	215.0	500	1526	230	580	EA430 (3)
	F1745	DN150	104.70	3695	16	276.0	640	1634	280	580	EA430 (4)
	F2615	DN150	156.96	5540	16	331.0	790	1655	300	580	EA430 (6)
	F3485	DN200	209.28	7386	16	424.0	790	1784	340	580	EA430 (8)
	F4025	DN200	261.66	9235	16	506.0	840	1821	360	580	EA430 (10)
	F5230	DN250	313.98	11082	16	728.0	940	1985	420	610	EA430 (12)
	F6975	DN250	418.62	14775	16	737.0	940	1985	420	610	EA430 (16)
	F8720	DN300	523.32	18470	16	800.0	940	2065	450	610	EA430 (20)

## Capacity Correction Factor For Various Operating Pressure

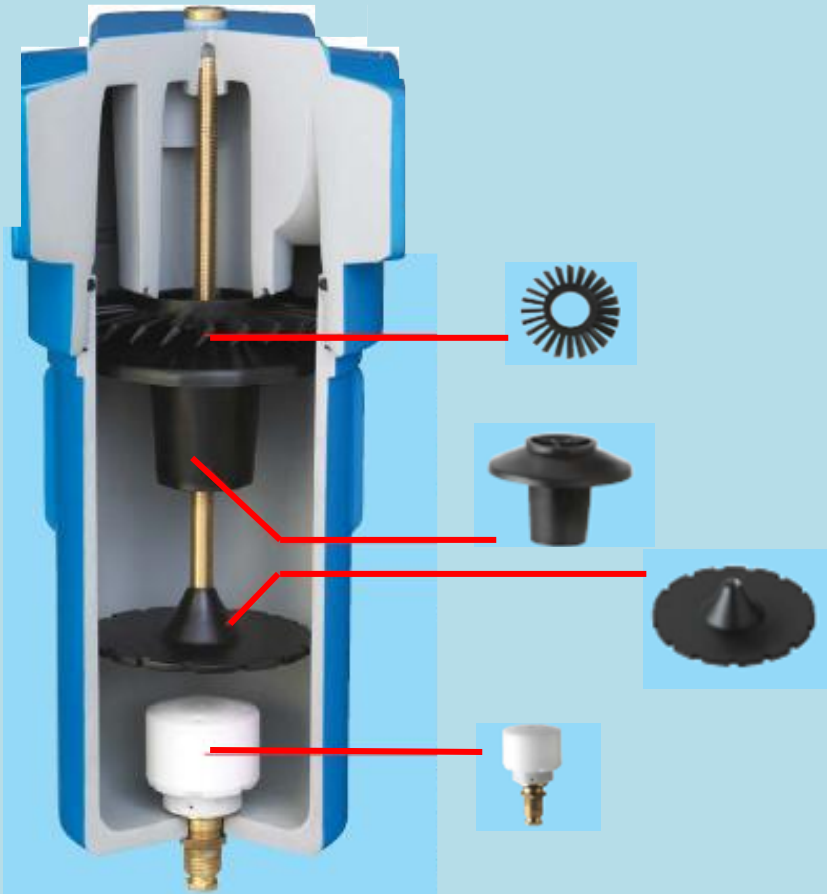
Pressure	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Factor	0.25	0.38	0.50	0.65	0.75	0.88	1.00	1.13	1.25	1.38	1.50	1.63	1.75	1.88	2.00	2.13

Filter Grade	Particle Removal Down To	Oil Removal Down To*	Nominal initial Pressure Drop
P	3 micron	-	0.03 bar g
U	1 micron	0.1mg/m <sup>3</sup>	0.05 bar g
H	0.01 micron	0.01mg/m <sup>3</sup>	0.09 bar g
S	0.01 micron	0.001mg/m <sup>3</sup>	0.10 bar g
C	-	0.003mg/m	0.10 bar g



# Water Separators

Centrifugal separation to remove up to 99% of water aerosol in compressed air



## FEATURES AND ADVANTAGES

- Removes up to 99% bulk water
- Very low maintenance cost
- Simple and easy to install
- Efficient automatic drain
- Robust aluminium housing

Model Number	Pipe Conn	Capacity @ 7 Bar g		Weight kg	Dimensions (mm)			
		m3/min	cfm		A	B	C	D
CS0010-I4	1/2"	0.92	32.49	1.05	87	175	21	60
CS0020-I4	1/2"	2.50	88.29	1.10	87	209	21	75
CS0030-I4	3/4"	4.08	144.08	1.40	87	279	21	90
CS0055-I4	1"	6.58	232.37	3.80	130	315	43	135
CS0095-I4	1 1/2"	10.58	373.63	4.20	130	415	43	235
CS0150-I4	1 1/2"	13.83	488.40	4.80	130	515	43	335
CS0220-I4	1 1/2"	17.00	600.35	6.20	130	715	43	525

Pressure	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Factor	0.25	0.38	0.5	0.65	0.75	0.88	1.0	1.13	1.25	1.38	1.51	1.63	1.75	1.88	2.0	2.13

