CompAir

Compressed Air Filters

The reliability of compressed air filtration is paramount to the ongoing fight against problems caused through contamination entering the air system. Contamination in the form of dirt, oil and water can lead to:

- Pipescale and corrosion within pressure vessels
- Damage to production equipment, air motors, air tools, valves and cylinders
- Premature and unplanned desiccant replacement for adsorption dryers
- Spoiled product.

The CompAir filtration range offers various products and grades of filtration to provide peace of mind whatever the air quality requirement.

CompAir filtration solutions that pay off

CompAir's commitment to providing energy efficient products does not end with the compressor ranges. The air treatment products are perfectly balanced to provide compressed air users with a wide choice of products to gain the right level of performance with optimum energy savings.

Innovative features mean outstanding performance without compromise

With differential pressure that starts low and stays low, these filters offer a solution to people who want high performance filtration without the usual high energy running costs.

Independently verified by Lloyds Register using ISO12500 and ISO8573 test methods, these products either meet or exceed the requirements of ISO8573-1.

Compressed air contamination will ultimately lead to:

- Inefficient production processes
- Spoiled, damaged or reworked products
- Reduced production efficiency
- Increased manufacturing costs

Air quality and energy efficiency through design

The benefit of energy saving without compromised performance is achieved through a number of unique and patented design features which minimise differential pressure.

The CompAir cast filter range combine filter housing and element to work together in maximising energy savings and provide low lifetime costs without compromising on air quality.

The CompAir cast filter housings provide many features leading to direct benefits.

Large range of port sizes to match both pipe size and system flow rate to simplify installation and remove the need for expensive adaptors and fittings.

Large range of filtration grades to match the applications air quality needs.

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Filter Model CF_G Port & Grade B_C_D	Port Size ISO228-1 BSPP	Air Flow Rates [1] m³/min cfm					Length mm / in	Height mm / in	Depth mm / in	Weight kg / lbs	Replacement Element CF_G Port & Grade B_C_D
CF0006G1/4 (Grade)	G1/4"	0.51 18.0	0.6 21.2	0.68 24.0	0.71 25.2	0.82 28.8	76.0 / 3.0	181.5 / 7.12	64 / 2.5	0.6 / 1.3	CE0006G B_C_D
CF0006G3/8 (Grade)	G3/8"										
CF0006G1/2 (Grade)	G1/2"										
CF0012G3/8 (Grade)	G3/8"	1.02 36.0	1.20 42.4	1.36 47.9	1.43 50.5	1.63 57.7	97.5 / 3.8	235 / 9.3	84 / 3.3	1.1 / 2.4	CE0012G B_C_D
CF0012G1/2 (Grade)	G1/2"										
CF0018G1/2 (Grade)	G1/2"	1.53 54.1	1.80 63.6	2.03 71.9	2.14 75.7	2.45 86.5	97.5 / 3.8	235 / 9.3	84 / 3.3	1.1 / 2.4	CE0018G B_C_D
CF0018G3/4 (Grade)	G3/4"										
CF0018G1 (Grade)	G1"										
CF0036G3/4 (Grade)	G3/4"	3.06 108	3.60 127	4.07 144	4.28 151	4.90 173	129.0 / 5.1	274.8 / 10.8	115 / 4.5	2.2 / 4.8	CE0036G B_C_D
CF0036G1 (Grade)	G1"										
CF0066G1 (Grade)	G1"	5.61 198	6.60 233	7.46 263	7.85 277	8.98 317	129.0 / 5.1	364.3 / 14.3	115 / 4.5	2.7 / 5.9	CE0066G B_C_D
CF0066G11/4 (Grade)	G1 1/4"										
CF0066G11/2 (Grade)	G1 1/2"										
CF0096G11/4 (Grade)	G1 1/4"	8.16 288	9.60 339	10.8 383	11.4 404	13.1 461	170.0 / 6.7	432.5 / 17.0	156 / 6.1	5.7 / 12.5	CE0096G B_C_D
CF0096G11/2 (Grade)	G1 1/2"										
CF0132G11/2 (Grade)	G1 1/2"	11.22 396	13.20 466	14.92 527	15.71 555	17.95 634	170.0 / 6.7	524.5 / 20.6	156 / 6.1	5.7 / 12.5	CE0132G B_C_D
CF0132G2 (Grade)	G2"										
CF0198G2 (Grade)	G2"	16.83 595	19.80 670	22.37 791	23.56 833	26.93 951	170.0 / 6.7	524.5 / 20.6	156 / 6.1	5.7 / 12.5	CE0198G B_C_D
CF0258G21/2 (Grade)	G2 1/2"	21.93 775	25.8 912	29.15 1030	30.70 1085	35.09 1240	204.8 / 8.1	641.6 / 25.3	181 / 7.1	11.1 / 24.4	CE0258G B_C_D
CF0258G3 (Grade)	G3"										
CF0372G21/2 (Grade)	G2 1/2"	31.62 1117	37.20 1314	42.04 1485	44.27 1564	50.59 1788	204.8 / 8.1	832.1 / 32.8	181 / 7.1	13.9 / 30.6	CE0372G B_C_D
CF0372G3 (Grade)	G3"										
CF0600G4 (Grade)	G4"	51.0 1802	60 2120	67.8 2396	71.4 2523	81.6 2883	840 / 16.5	1694 / 33.3	282 / 11.1	44.5 / 98.1	3 x CE0600N B_C_D-F
Fabricated Housing[2]											
CF0258NB (Grade)	DN80	22 775	26 912	29 1030	31 1085	35 1240	370 / 14.6	1000 / 39.4	285 / 11.2	60 / 132	CE0258N B_C_D-F
CF0372NB (Grade)	DN80	32 1117	37 1314	42 1485	44 1564	51 1788	370 / 14.6	1220 / 48.0	285 / 11.2	70 / 154	CE0372N B_C_D-F
CF0600NB (Grade)	DN100	51 1802	60 2120	68 2396	71 2523	82 2883	500 / 19.7	1345 / 53.0	405 / 15.9	145 / 320	3 x CE0600N B_C_D-F
CF0780NB (Grade)	DN100	66 2343	78 2756	88 3114	93 3280	106 3748	500 / 19.7	1345 / 53.0	405 / 15.9	145 / 320	4 x CE0600N B_C_D-F
CF1170NB (Grade)	DN150	99 3514	117 4134	132 4672	139 4920	159 5623	580 / 22.8	1440 / 56.7	460 / 18.1	190 / 420	6 x CE0600N B_C_D-F
CF1950NB (Grade)	DN200	166 5857	195 6890	220 7786	232 8200	265 9371	750 / 29.5	1710 / 67.3	640 / 25.1	375 / 827	10 x CE0600N B_C_D-F
CF3120NB (Grade)	DN250	265 9371	312 11025	353 12458	371 13119	424 14994	962 / 33.9	1840 / 72.4	715 / 28.1	495 / 1090	16 x CE0600N B_C_D-F
CF4680NB (Grade)	DN300	398 14057	468 16537	529 18687	557 19679	636 22490	1000 / 39.4	1930 / 76.0	840 / 33.1	600 / 1323	24 x CE0600N B_C_D-F

[1] For flowrates at other pressures, apply the correction factor shown.

[2] Fabricated housings flanged to BS 4504 PN16 and designed to CEN 286 Part 1 (1991). Other pressure vessel standards available.