

Compressed Air Filter

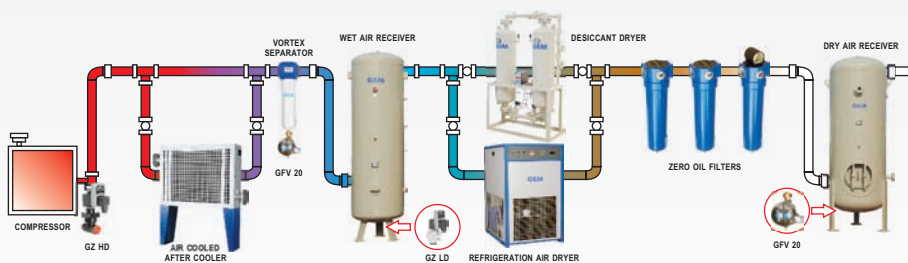
GZF Series



Salient Features

- Air Quality - As Per ISO 8573-1
- Warranty For Elements
- Coloured Elements for Specific Grade
- Low Pressure Drop

**ISO 8573-2
TESTED
AIR QUALITY**



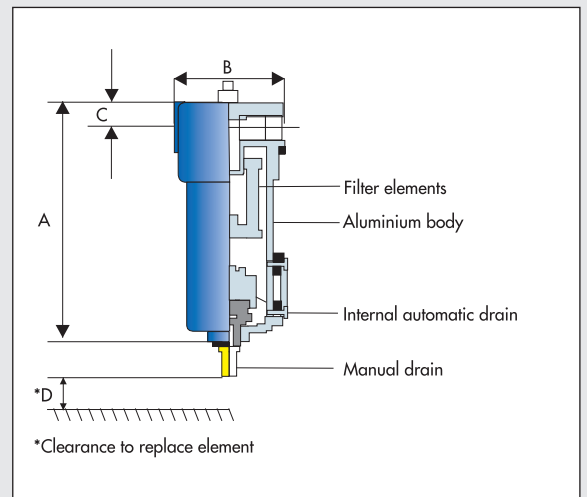
ISO 9001 REGISTERED

MGMT. SYS.
RvA C 024
DNV Certification B.V., The Netherlands

This comprehensive range of high efficiency coalescing filters will remove oil, dirt, odour and water from the compressed air supply, therefore offering complete protection to all equipment installed downstream.

TECHNICAL SPECIFICATION:

Filter Model	Capacity		Connection BSP	Dimensions (mm)				Weight kg
	cfm	m ³ /h		A	B	C	D	
GZF 005 (Grade)	35	60	3/8"	187	88	21	60	0.77
GZF 007 (Grade)	50	80	1/2"	187	88	21	60	0.77
GZF 010 (Grade)	75	120	3/4"	256	88	21	80	0.88
GZF 018 (Grade)	125	210	1"	256	125	33	100	2.20
GZF 030 (Grade)	200	335	1"	352	125	33	120	2.60
GZF 047 (Grade)	310	510	1 1/2"	452	125	33	140	2.90
GZF 070 (Grade)	450	750	1 1/2"	643	125	33	160	3.70
GZF 094 (Grade)	600	1000	2"	685	163	43	520	7.40
GZF 150 (Grade)	900	1500	2"	935	163	43	770	10
GZF 175 (Grade)	1200	2040	3"	935	163	45	780	20
GZF 240 (Grade)	1700	2760	3"	990	241	55	780	25



Accessories • Differential Pressure Gauge

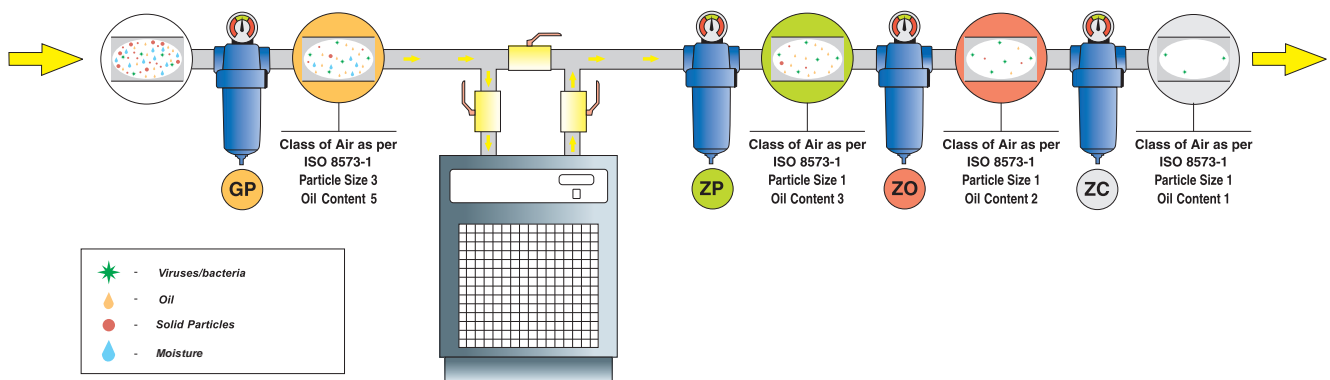
GRADES	GP	ZP	ZO	ZC
Particle Removal	3 Micron	0.1 Micron	0.01 Micron	0.01 Micron
Oil Removal	—	0.1 mg/m ³	0.01 mg/m ³	0.005 mg/m ³
Nominal Initial Pressure Drop	0.03 bar g	0.05 bar g	0.06 bar g	0.12 bar g
Maximum Operating Temperature	80°C	80°C	80°C	80°C
Maximum Operating Pressure	16 bar g	16 bar g	16 bar g	16 bar g
Recommended Pressure Differential for element change	0.7 bar g	0.7 bar g	0.7 bar g	0.7 bar g
Media	Poly Propylene	Boro Silicate	Boro Silicate	Boro Silicate with impregnated activated carbon
Efficiency		99%	99.99%	99.9999%

* To Specify Filter Element Add Suffix "E" In Filter Model. Example : For GP, it is GZF005 GPE, For ZP it is GZF 005ZPE

SIZING CONVERSION FACTORS:

For maximum flow rate, multiply model flow rate shown in the below table by the conversion factor corresponding to the working pressure.

Line Pressure	bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	psi g	14	29	43	57	71	86	100	114	129	143	157	171	186	200	214	229
Conversion Factor		0.3	0.4	0.5	0.6	0.75	0.9	1	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2



GEM Equipments (P) Ltd.

S.F. No. 103, Avanashi Road,
Arasur, Coimbatore,
Tamil Nadu 641 407, INDIA.

Phone : +91 422 2363800, 2363836,
2363837
Fax : +91 422 2360523

E-mail : sales@gemindia.com,
service@gemindia.com
Web site : http://www.gemindia.com

Regional Office Email: chennai@gemindia.com • mumbai@gemindia.com • delhi@gemindia.com • pune@gemindia.com