

FILTER HOUSING



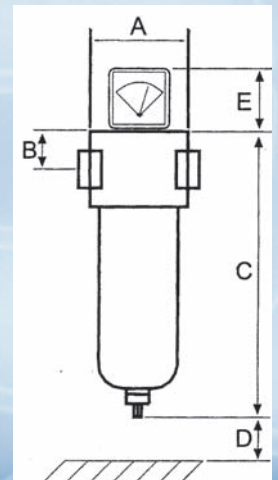
DRYTEC S.A.

«THE SECRET IS INSIDE»

TECHNICAL DATA

Filter Model	Piping size	Flow rate		Element model	Housing dimensions in mm				
		in inches	M3/Hr		CFM	A	B	C	D
G25	1/4"	25	15	M25	96	20	237	110	22
G50	3/8"	50	29	M50	96	20	237	110	22
G100	1/2"	100	59	M100	96	20	237	150	22
G150	3/4"	150	88	M150	117	34	375	190	56
G200	3/4"	200	118	M200	117	34	375	250	56
G250	1"	250	147	M250	117	34	465	300	56
G300	1 1/4"	300	176	M300	117	34	465	350	56
G500	1 1/4"	500	294	M500	117	34	530	380	56
G600	1 1/2"	600	353	M600	117	34	530	425	56
G851	2"	851	501	M851	170	64	722	480	56
G1210	2"	1210	712	M1210	170	64	722	550	56
G1510	2 1/2"	1510	888	M1510	235	72	760	430	56
G1810	3"	1810	1065	M1810	235	72	760	550	56
G2210	3"	2210	1300	M2210	235	72	760	600	56

Specification	Pre Filtering	General use	OIL removal	Activated carbon
Grade	P	X	Y	A
Particle removal in Microns	5	1	0,01	0,01
Max. Oil Carryover at 21°C (mg/M3)	5	0,5	0,01	0,003
Max. Working temperature (°C)	80	80	80	25
Initial pressure loss (mbar)	40	80	100	80
Pressure loss for element change (mbar)	700	700	700	700
Max. working pressure in bars	16	16	16	16
Element colour code	Green	Blue	Red	Metal



Correction factor.

For the max flow rate, multiply above flow rate shown in the above table with the correction factor.

Operating pressure in Bar	1	3	5	7	9	11	13	15	17
Correction factor	0,5	0,71	0,87	1	1,12	1,22	1,32	1,44	1,57

Notes :

- 1 : Grade A should not operate in oil saturated conditions
- 2 : Grade A elements should be replaced periodically to suite the applications but changed at least every six monthes.
- 3 : Grade A will not remove special gases including carbon monoxyde and carbon dioxyde.
- 4 : Flow rates are based on 7 bars operating pressure. For different pressure, use above correction factors absolutely.
- 5 : All filters are suitable for use with mineral and synthetic oils.
- 6 : Models G25, G50 and G100 are supplied standard with Pop-Up indicator.
Other models are supplied standard with Pressure gauge indicator.
- 7 : All housings require only one filter element exept model G3600
- 8 : All housings are proposed as standard with automatic float drain.

When ordering :

Please precise the model of element you require inside the housing.