



HGO Series

Downstream Equipments

HGO SERIES 100 / 300 / 600 / 850 / 1200 / 1600 / 2500 / 3000

Dalgakiran High Pressure Range Compressed Air Filters are no welded design. As a result it is very strong and robust. Very thick wall thickness and In-house high pressure test facilities assure the performance.

> HIGH PRESSURE RANGE COMPRESSED AIR FILTERS' FEATURES

Dalgakiran manufactures a line of High Performance Compressed Air Filters, Moisture Separators in two different range;

- 1) 50 bar Range made of Aluminum, No welding, strong and reliable design.
- 2) 350 bar Range made of Steel. No welding, and very reliable for High Pressure applications.

> ANODISED ALUMINUM DESIGN WITH HIGH PERFORMANCE

All inner and outer surfaces of 50 bar Aluminum design Filters are Anodised, where 350 bar Carbon Steel design Filters are epoxy electro powder painted.



TECHNICAL DATA

MODEL	PORT SIZE	FLOW RATE AT 50bars		MAX/WORKING PRESSURE (bar)	ELEMENT MODEL	HOUSING DIMENSIONS (mm)			
		(m³/h)	(scfm)			A	B	C	D
HGO 100	1/4"	100	42	50	M25	113,4	115,4	25,75	155
HGO 300	1/2"	300	125	50	M50	113,4	115,4	25,75	158,5
HGO 600	3/4"	600	250	50	M100	109,4	115,4	32,25	207
HGO 850	1"	850	350	50	M150	133	138	37,35	250
HGO 1200	1"	1200	500	50	M200	133	138	37,35	314
HGO 1600	1 1/2"	1600	940	50	M250	128	138	44,4	368
HGO 2500	2"	2500	1470	50	M2500	145	158	51,5	393
HGO 3000	2 1/2"	3000	1765	50	M3000	160	178	57,6	386



SPECIFICATIONS	PRE FILTERING	GENERAL PURPOSE	OIL REMOVAL	ACTIVATED CARBON
Grade	P	X	Y	A
Particle Removal (Micron)	5	1	0,01	0,01
Max. Oil carryover at 21 °C (mg/m ³)	5	0,5	0,01	0,03
Max. working pressure (bar)* / *350 bar is an option	50	50	50	50
Max. working pressure (°C)	80	80	80	25
Initial pressure loss (mbar)	40	80	100	80
Pressure loss for element change (mbar)	700	700	700	700
Element colour code	GREEN	BLUE	RED	METAL SS

DRAIN TYPE
HG / Manual with steel



NOTES

- 1) Grade A must not operate in oil saturated conditions.
- 2) Grade A elements should be replaced periodically to suit the applications but must be changed at least every six months.
- 3) Grade A will not remove certain gases including carbon monoxide and carbon dioxide. Please refer to works if in doubt.
- 4) All filters are suitable for use with mineral and synthetic oils.
- 5) The above housings require only one filter element.
- 6) Direction of air flow, inside to out, through filter element. Except grade A
- 7) Manual drain is standard. Electronic timer is optional.

ORDERING

The complete filter model number contains the size and grade, Example - 1/4" general purpose filter model HG 100 MX with replacement filter element model M 100 X.

