



They efficiently prevent oil and dust particles which could come from the lubrication of the compressor element, the intake air, and the compressor installation itself. Hertz's engineering and design approach of air quality and energy efficiency has offered to products that provide highest air quality, lowest power consumption and lowest total cost of ownership.

### Advantages

- More convenient for the end user
- Robust and durable
- High efficiency
- Low pressure drop
- Easy to maintain
- High-protected filter
- Electronic, external, loss-free, and manual drain options
- Durable element structure
- High-efficiency drainage layer



TO REMOVE THE ELEMENT  
TWIST CLOCKWISE



MODEL	Max. Pressure		Capacity		Connection Size	Element Model	Dimensions (mm)			
	bar	psi	m <sup>3</sup> /min	cfm			A	B	C	D
HGO 25	20	290	0,42	15	G 1/2"	M025	102	214,5	192,5	45
HGO 50	20	290	0,83	29	G 1/2"	M050	102	214,5	192,5	45
HGO 100	20	290	1,67	59	G 1/2"	M0100	102	252,5	230,5	45
HGO 150	20	290	2,50	88	G 1"	M0150	123	297,5	270,5	45
HGO 200	20	290	3,33	118	G 1"	M0200	123	361,5	334,5	45
HGO 250	20	290	4,17	147	G 1"	M0250	123	401,5	374,5	45
HGO 300	20	290	5,00	177	G 1 1/2"	M0300	123	458	422,5	45
HGO 500	20	290	8,33	294	G 1 1/2"	M0500	123	488	452,5	45
HGO 600	20	290	10,0	353	G 1 1/2"	M0600	123	533	497,5	45
HGO 851	20	290	14,2	501	G 2"	M0851	160	622,5	581	45
HGO 1210	20	290	20,2	712	G 2"	M01210	160	692,5	651	45
HGO 1520	20	290	25,3	895	G 3"	M01520	194	725,5	669	45
HGO 1820	20	290	30,3	1071	G 3"	M01820	194	865	808	45
HGO 2220	20	290	37,0	1307	G 3"	M02220	194	919,5	863	45
HGO 2700	20	290	45,0	1589	G 3"	M02700	194	1063,5	1007	45

CORRECTION FACTORS FOR HGO COMPRESSED AIR FILTER SERIES										
Operating Pressure (bar)	1	3	5	7	9	11	13	15	16	20
PSIG	15	44	73	100	131	160	189	218	232	290
Correction Factor	0,5	0,71	0,87	1	1,12	1,22	1,32	1,44	1,50	1,63

**HGO Compressed Air Filter Sizing Example;**

If a compressor delivers 24 m<sup>3</sup>/min at 11 psi please choose your Filter model as follow: 24 m<sup>3</sup>/min / 1,22=19,7m<sup>3</sup>/min your model is HGO 1210.

