

COMPRESSED AIR FILTERS



Long service life

Low pressure drop

High quality components

Technical Data

Type	Capacity		Pipe Connection	Dimensions mm				Replacement Filter Element Type
	m ³ / h @ 7 bar g	m ³ / min @ 7 bar g		A	B	C	D	
MHA 30 (grade)	30	0,5	¼"	88	28	190	90	E 30 (grade)
MHA 60 (grade)	60	1	⅜"	88	28	190	90	E 60 (grade)
MHA 108 (grade)	108	1,8	½"	88	28	230	130	E 108 (grade)
MHA 150 (grade)	150	2,5	¾"	125	40	280	170	E 150 (grade)
MHA 210 (grade)	210	3,5	1"	125	40	320	210	E 210 (grade)
MHA 250 (grade)	250	4,2	1"	125	40	380	270	E 250 (grade)
MHA 300 (grade)	300	5	1 ½"	125	40	410	300	E 300 (grade)
MHA 520 (grade)	520	8,7	1 ½"	125	40	450	340	E 520 (grade)
MHA 620 (grade)	620	10,3	1 ½"	125	40	490	380	E 620 (grade)
MHA 720 (grade)	720	12	2"	160	47	500	350	E 720 (grade)
MHA 900 (grade)	900	15	2"	160	47	550	400	E 900 (grade)
MHA 1200 (grade)	1200	20	2"	160	47	800	650	E 1200 (grade)
MHA 1500 (grade)	1500	25	2 ½"	200	68	620	420	E 1500 (grade)
MHA 1800 (grade)	1800	30	3"	200	68	720	520	E 1800 (grade)
MHA 2200 (grade)	2200	36	3"	200	68	820	620	E 2200 (grade)

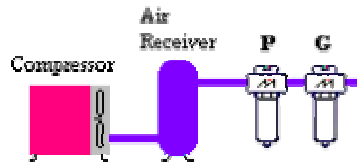
GRADE		P	G	H	D	C
Partical removal	micron	5	1	0.01	0.01	-
Maximum carryover @ 21 °C	mg /m ³	5	0.5	0.01	-----	0.003
Max. Recommended working temperature	°C	65	65	65	65	30
Min. Recommended working temperature	°C	2	2	2	2	2
Initial pressure drop (dry)	mbar	30	80	100	100	200
Initial pressure drop (wet)	mbar	80	140	200	200	300
Element change – out at	mbar	700	700	700	700	6 months
Max. Inlet pressure	bar	16	16	16	16	16
Min. Inlet pressure	bar	2	2	2	2	2
Filter media		High efficiency micro fiber glass				Activated Carbon
Housing material		High quality aluminum				

Correction Factor

	bar g	2	3	5	7	9	11	13	15	16
	psi g	29	44	73	100	131	160	189	218	228
Correction Factor		0.48	0.58	0.79	1	1.12	1.23	1.31	1.42	1.55

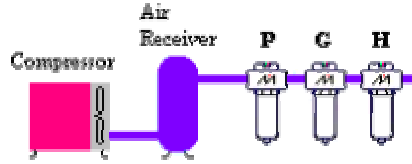
Applications

Genarel purpose protection



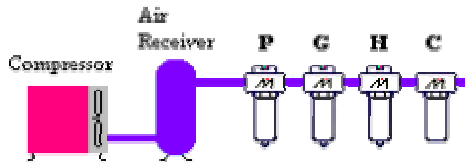
- Rock quarrying
- Low cost automation
- Prefiltration for refrigerated air dryers and H series filters

Oil free application



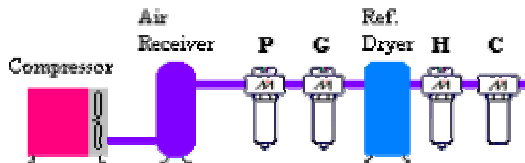
- Spray painting
- Air motors
- Temperature control system
- Robotics

Critical application



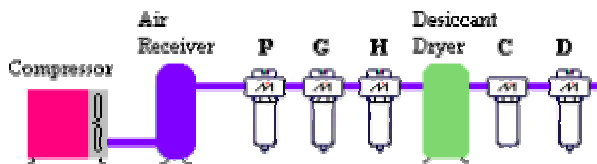
- Film processing
- Cosmetic productions
- Oil and odour free applications

Reduced dewpoint system



- Where dew point is not required to be less than 4-10 °C

Low dewpoint system



- Low dew point systems

Notes:

- Filter bodies are manufactured high quality aluminium.
- All filter bodies are coated with polyester finish eliminate corrosion.
- The filters are suitable for use with mineral and synthetic oils plus oil free compressed air applications.
- The filters and filter elements are silicone free.
- Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide and carbon dioxide.
- For larger flow applications please refer to the flanged type filter leaflet.

Options:

- Automatic internal float drain
- Differential pressure indicator (pop-up)
- Timed drain

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MESSA MAKINA SANAYI VE TICARET A.S.

İvedik Organize Sanayi Bolgesi 611 Sk. No:1 Ostim

06370-Ankara / TURKEY

Tel: +90 312 3951646 Fax: +90 312 3951647

info@messafilter.com