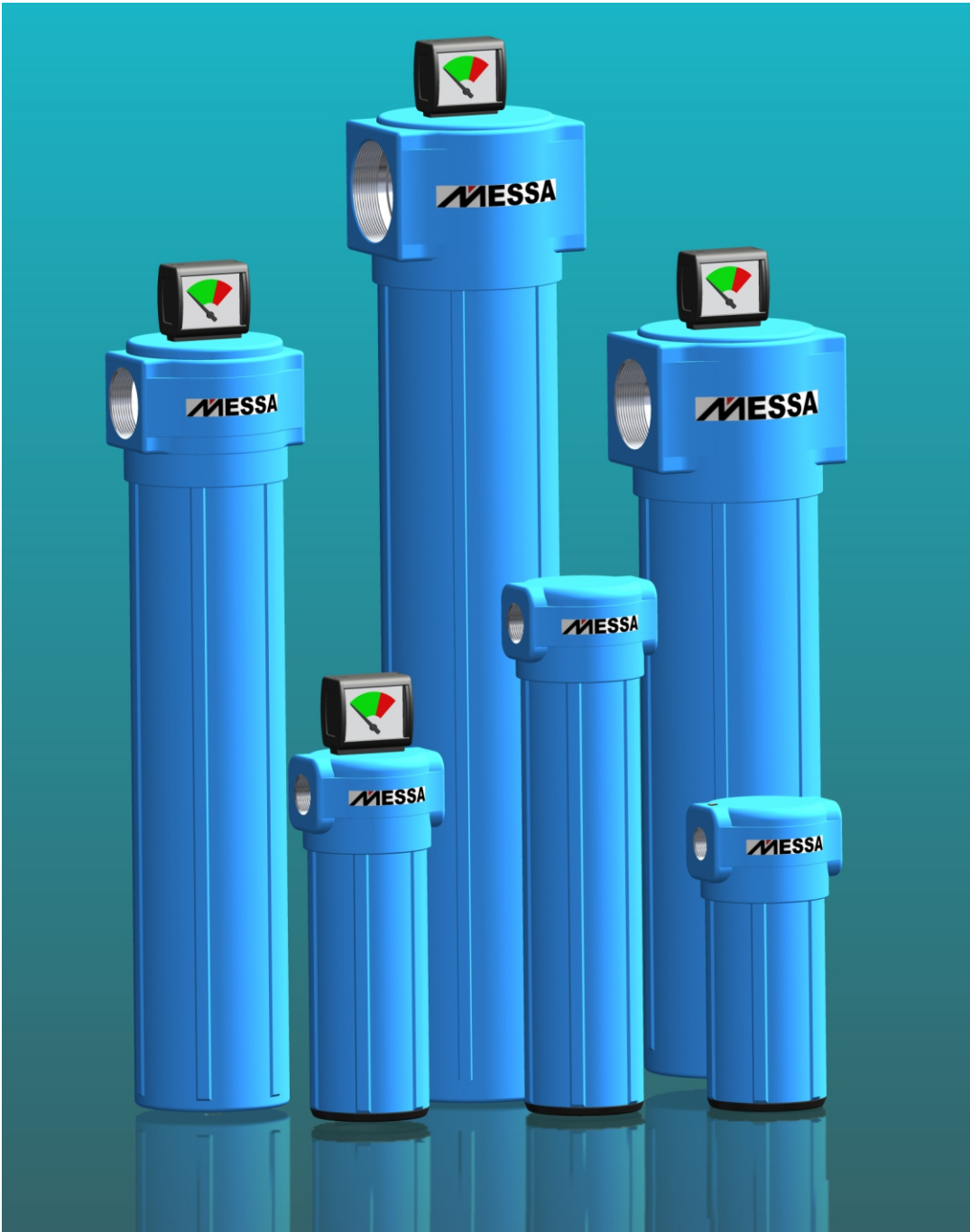


MESSA
FILTRATION & SEPARATION



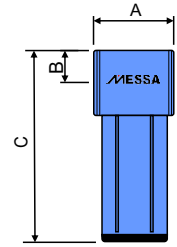
MHA

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COMPRESSED AIR FILTERS

Technical Specifications

Model	Capacity @7 barg		Connections	Maximum Working Pressure bar	Dimensions mm			Filter Element Model
	m3/h	m3/min			A	B	C	
MHA35	35	0,6	½"	16	90	25	156	E 35 (grade)
MHA65	65	1,1	½"	16	90	25	186	E 65 (grade)
MHA110	110	1,8	½"	16	90	25	231	E 110 (grade)
MHA160	160	2,7	¾"	16	118	35	252	E 160 (grade)
MHA220	220	3,7	1"	16	118	35	302	E 220 (grade)
MHA260	260	4,3	1"	16	118	35	372	E 260 (grade)
MHA330	330	5,5	1 ½"	16	118	42	417	E 330 (grade)
MHA530	530	8,8	1 ½"	16	118	42	457	E 530 (grade)
MHA630	630	10,5	1 ½"	16	118	42	497	E 630 (grade)
MHA930	930	15,5	2"	16	150	50	530	E 930 (grade)
MHA1230	1230	20,5	2"	16	150	50	650	E 1230 (grade)
MHA1500	1500	25	2 ½"	16	174	60	620	E 1500 (grade)
MHA1800	1800	30	3"	16	174	60	720	E 1800 (grade)
MHA2200	2200	36	3"	16	174	60	820	E 2200 (grade)
MHA2500	2500	42	3"	16	174	60	920	E 2500 (grade)



Filter Element Grades

GİT E GG	İ	G	G01	H	D	C	DS
	İ ÖN GİLİNE	Coarse Filter	Fine Filter	İ ÖLÜNECİ Ö Fine Filter	G P Ö GİLİNE	É NPLQÑ F MZÑ Filter	É ÖPUE MNPÑZ Filter
	HP NLPÑ ÖCE CEÖ ÖLN ER particles and aerosols up to 10 microns and is used as a pre-filter in G and H type filters.	HP NLPÑ ÖCE CEÖ ÖLN ER and oil particle down to 1 micron. The amount of remaining at filter outlet is mg/m3 at 20 degrees.	HP NLPÑ ÖCE CEÖ ÖLN ER and oil particle down to 0.1 micron. The amount of remaining at filter outlet is mg/m3 at 20 degrees.	GİLİNE ÖCE CEÖ ÖLN ER particles and aerosols down to 0.01 micron. The amount of oil remaining at filter outlet is mg/m3 at 20 degrees (G grade filter has to be upstream).	HP NLPÑ ÖCE CEÖ ÖLN particles down to 0.01 micron.	HP LCE P ÇEN İ PÖ NLPÑ oil vapor and hydrocarbon oc. The amount of remaining at filter outlet is 0 mg/m3 at 21 degrees. (G and grade filters have to be used upstream).	GİLİNE ÖLÜNECİ Ö GİLİNE is 99.99%
İ MİLİNE NLPÑ ÖLÜNECİ Ö (micron)	5	1	0.1	0.01	0.01	N/A	0.01
İ LÜP ÖÖPNÖP MP PÖN NRI the filter (mg/m3)	D	0.5	0.1	0.01	N/A	0.003	N/A
İ MİLİ P Ö R ÖÖÖLÖN temperature (degree)	ÖC	80	80	80	80	30	80
İ LÜP P Ö R ÖÖÖLÖN temperature (degree)	Ç	2	2	2	2	2	2
İ ÖN ÖP ÖN ÖÖÖE (dry, m bar)	30	80	80	100	100	100	100
İ ÖN ÖP ÖN ÖÖÖE (wet, m bar)	80	140	140	200	200	300	200
GİLİNE ÖN ÖM ÖN İN ÖN ÖM ÖÖ (m bar)	ÖCÖ	700	700	700	700	1000 hours	700
İ MİLİ P Ö R LÜP Ö ÖN ÖÖE (bar)	ÇÖ	16	16	16	16	16	16
İ LÜP P Ö R LÜP Ö ÖN ÖÖE (bar)	Ç	2	2	2	2	2	2

Correction Factors

Pressure	bar g	2	4	5	6	7	8	9	10	12	14	16
	psi g	29	58	73	87	100	116	131	145	174	203	232
Correction Factor		0,53	0,75	0,85	0,92	1	1,07	1,13	1,2	1,31	1,41	1,5

Sample:
Working pressure: 10 bar
Capacity: 260 m³/h

Filter capacity=260 / 1,2=216,6 m3/h
MHA220... model filter

Compressed air quality to ISO8573.1

Class	Solid Particle		Water	Oil	
	Maximum number of particles per m3	Dew point	oC	mg/m3	
1	100	1	0	-70	0,01
2	100000	1000	10	-40	0,1
3	10000	500	-20		1
4		1000	3		5
5		20000	7		
6			10		



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MESSA MAKİNA SANAYİ VE TİCARET A.Ş.
Saray Mah. 99. Cad. No3
06980-Kahramankazan Ankara /Türkiye
Tel:+90 312 395 16 46 Fax:+90 312 395 16 47
info@messa.com.tr