



High Pressure 40bar

For high pressure systems (40 bar). The strong mechanical resistance makes this filter the ideal initial protection of a compressed air system to retain impurities and, for example, it is suitable as a post-filter for adsorption dryers.

ELEMENT FILTER GRADES

- P** - Pre-filter suitable for the removal of solid particles down to 5 micron including liquids, emulsions and oil particles.
- S** - Interception type filters suitable for solid and oil particles up to 1 micron - 0,1 mg/m³.
- X** - Interception type filters suitable for solid and oil particles up to 0,01 micron - 0,01 mg/m³.
- Z** - There are treatments in industrial plants which in addition to oil free air, require the elimination of oil vapors and odor.

STANDARD CONDITIONS

- Ambient temperature: 25°C
- Working pressure: 40 bar (max)
- Inlet air temperature: 20°C
- Max inlet air temperature 100°C (60°C on Z)



Filter Model	Flow - Rate @40bar			Dimensions				Pressure (bar max)	Conn. BSP	Weight Kg	Filter Element Model
	ℓ/min	m ³ /h	CFM	A	B	C	D				
MHP0075	12,500	750	441	435	120	36	170	40	1"	2.8	MHE0075*
MHP0150	25,000	1,500	883	435	120	36	170	40	1"	2.8	MHE0150*
MHP0250	41,667	2,500	1,471	435	120	36	170	40	1½"	2.8	MHE0250*
MHP0400	66,667	4,000	2,354	705	170	52	170	40	2"	7.5	MHE0400*
MHP0500	83,333	5,000	2,943	705	170	52	170	40	2"	7.7	MHE0500*
MHP0650	108,333	6,500	3,826	755	200	68	170	40	2½"	12.2	MHE0650*
MHP1000	166,667	10,000	5,886	1035	200	68	170	40	3"	15.7	MHE1000*
MHP1350	225,000	13,500	7,946	1035	200	68	170	40	3"	15.8	MHE1350*

Line pressure [bar]	7	10	13	16	20	24	28	32	36	40
Correction factor	0.20	0.27	0.35	0.42	0.52	0.61	0.71	0.81	0.90	1.00



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