

Compressed Air Filter

HP Series (50 Bar)



50 bar



Customized Product

You can add option(s) to your product: Electrical Drain.

Capabilities

The air filter can tolerate 60 bar pressure and 80 °C temperature. The filter element can be used for 6000 to 8000 hours depends on your working condition.

Guarantee

SAFE guarantees the housing against pressure and temperature failure for 12 months.

Special Offer

The housing's service life is 15 years. After this time, you can turn the housing back to us and enjoy 10% discount on your new filter purchase.

Filter type	Pipe size	Flow rate @ 7 bar g (100 psi g)			Replacement element kit	
		L/S	m ³ /min	cfm	Type	No
SMF 009HP	G1/2"	8.30	0.50	64	K009[grade]	1
SMF 017HP	G1/2"	16.67	1.00	95	K017[grade]	1
SMF 030HP	G3/4	33.33	2.00	201	K030[grade]	1
SMF 058HP	G1"	60.00	3.60	307	K058[grade]	1
SMF 145HP	G1-1/2	120.00	7.20	604	K145[grade]	1
SMF 220HP	G2"	200.00	12.00	985	K220[grade]	1
SMF 330HP	G2"	266.67	16.00	2044	K330[grade]	1
SMF 430HP	G3"	466.67	28.00	985	K430[grade]	1
SMF 620HP	G3"	620.00	37.20	985	K620[grade]	1



Element Filter

Electrical Auto-Drain

Filtration Grade	Filter Type	Particle Removal/ Water & Oil Aerosols	Remaining Oil Content at 21 °C	Change Every	Precede with Filtration Grade
SWS	Bulk Liquid	N/A	N/A	N/A	SWS
X	Coalescing	1 µm	0.6 mg/m ³ 0.6 ppm	8000 hrs	X
Y	Coalescing	0.01 µm	0.01 mg/m ³ 0.01 ppm	8000 hrs	Y
A	Oil Vapor	N/A	0.003 mg/m ³ 0.003 ppm	when oil vapor or odor is detected	A
AR	Dust Particles	1 µm	N/A	8000 hrs	AR

Technical Specification

Line Pressure	bar g	3	5	7	10	13	16	20	30	40	50
	psi g	44	72	100	145	189	232	290	435	580	725
Correction Factor		0.50	0.75	1.00	1.38	1.75	2.13	2.63	3.38	5.13	6.38