



Compressed Air Filters 'MS series'

Applications include

Chemical
Dental
Electronics
Emissions Monitoring
Food & Beverage
Instrumentation
Laboratories
Laser Cutting
Manufacturing
Military
Oil & Gas
Paint Applications
Pharmaceutical Manufacturing
Pneumatic Conveying
Railway

In today's modern production equipments, the use of compressed air is so important to manufacturing processes. Irrespective of whether the compressed air comes into direct contact with the product or is used to automate a process, provide motive power, or even to generate other gases on-site, a clean, dry. Reliable compressed air supply is essential to maintain cost effective production.

Typically there are different conta-minations from the below sources and even more in critical applications that need to be removed or reduces to acceptable levels. Such as: Atmospheric dirt, Water vapour, Oil vapour and Micro-organisms.

Die-cast filter housing

M-PLUS filter housing adopts aluminium alloy die-cast, have tight construction and long time use. The internal and external of housing undergo cleaning, degreasing, anodic oxidation treatment before painting. Increasing anti-corrosion and durability.

Guaranteed for 10 years life under normal recommended use. The high quality traceable pressurised components ensure peace of mind and trouble free use.

The comparison of anti-corrosion treatment



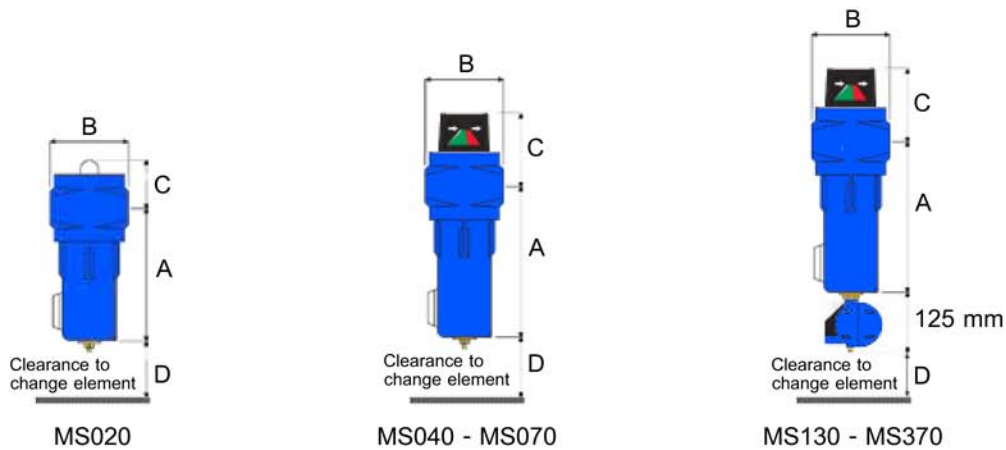
Rapid corrosion of untreated aluminium.



No corrosion with treatment



Technical Specification



Filter Model	Pipe Connection	Flow - Rate			Dimensions (mm)				Weight (Kg)	Filter Element (Model x No.)
		NL/min	Nm ³ /h	scfm	A	B	C	D		
MS020 (grade)	G ½"	2,000	120	71	194	89	60	130	1.1	SE020 (grade) x 1
MS040 (grade)	G ¾"	3,600	216	127	251	120	100	172	2.4	SE040 (grade) x 1
MS050 (grade)	G 1"	4,800	288	170	351	120	100	272	2.9	SE050 (grade) x 1
MS070 (grade)	G 1½"	8,700	522	307	351	120	100	272	2.9	SE070 (grade) x 1
MS130 (grade)	G 2"	13,800	828	487	441	162	109	320	6.6	SE130 (grade) x 1
MS200 (grade)	G 2"	20,800	1,248	735	770	162	109	625	10.8	SE200 (grade) x 1
MS260 (grade)	G 3"	27,000	1,620	954	509	200	123	400	12.5	SE260 (grade) x 1
MS370 (grade)	G 3"	38,000	2,280	1,342	786	200	123	625	17.5	SE370 (grade) x 1

Pressure correction factors	for maximum flow rate, multiply model flow rate by the correction factor corresponding to the minimum operating pressure									
	Operating pressure barg (psig)	4 (58)	5 (72)	6 (87)	7 (100)	8 (115)	10 (145)	12 (174)	14 (203)	16 (232)
7 barg - correction factor		0.76	0.84	0.92	1.00	1.07	1.19	1.31	1.41	1.51

Standard Accessories						
Accessories (Model)	Differential Pressure Indicator (SPI01)	Differential Pressure Gauge (SPG01)	Automatic Drain (SD01)	Automatic Float Drain (HAD20B)	Manual Drain (SD02)	Sight Glass (SG01)
Filter Model (Conn.)						
MS020 (G ½")	•		•			•
MS040 (G ¾")		•	•		•	•
MS050 (G 1")		•	•		•	•
MS070 (G 1½")		•	•		•	•
MS130 (G 2")		•		•	•	•
MS200 (G 2")		•		•	•	•
MS260 (G 3")		•		•	•	•
MS370 (G 3")		•		•	•	•