

Air preparation - MS series

FAST

FESTO



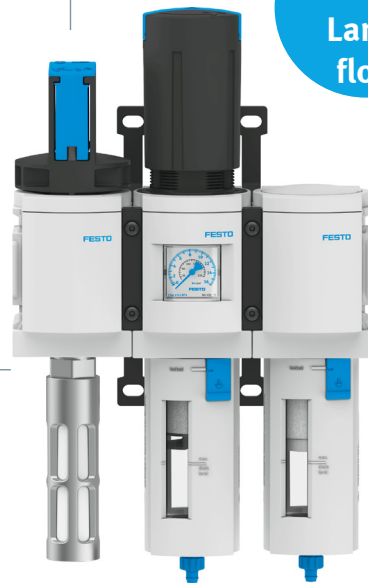
Integrated lockability for lock out tag out & to prevent tampering with set pressures.

Small size, Large flow

Equipped with newly redesigned auto-drain with higher reliability and enhanced performance





Suitable for standard applications as well as applications with very high air quality requirements.







Available as individual components or pre-assembled combinations ex-stock.



Incorporate the MS6-SV safety valves for fast and reliable exhausting of systems up to Performance Level d or e, certified to EN ISO 13849-1









LR-Regulator								QR
Size	Housing material	Port size	Pressure gauge scale	Weight [g]	Flow [l/m]	Part number	Type	
	LR regulator, regulating range 0.3 ... 4.0 Bar							
	Metal	G1/4	bar/psi	225	2100	529415 ★	MS4-LR-1/4-D5-AS	
		1/4 NPT				531418	MS4N-LR-1/4-D5-AS	
	LR regulator, regulating range 0.3 ... 7 bar							
	Metal	G1/4	bar/psi	225	1800	529417 ★	MS4-LR-1/4-D6-AS	
		1/4 NPT				531422	MS4N-LR-1/4-D6-AS	
LR regulator, regulating range 0.5 ... 10.0 Bar								
Metal	G1/4	bar/psi	225	1700	529419 ★	MS4-LR-1/4-D7-AS		
	1/4 NPT				531426	MS4N-LR-1/4-D7-AS		
	LR regulator, regulating range 0.3 ... 4.0 Bar							
	Metal	G1/2	bar/psi	730	7500	529989 ★	MS6-LR-1/2-D5-AS	
		1/2 NPT				531443	MS6N-LR-1/2-D5-AS	
	LR regulator, regulating range 0.3 ... 7.0 Bar							
	Metal	G1/2	bar/psi	730	6500	529991 ★	MS6-LR-1/2-D6-AS	
		1/2 NPT				531449	MS6N-LR-1/2-D6-AS	
LR regulator, regulating range 0.5 ... 10.0 Bar								
Metal	G1/2	bar/psi	730	5500	529993 ★	MS6-LR-1/2-D7-AS		
	1/2 NPT				531455	MS6N-LR-1/2-D7-AS		




LFR-Filter/Regulator												
Size	Housing material	Port size	Filtration level [µm]	Pressure gauge scale	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type			
	LFR regulator, regulating range 0.3 ... 7 bar											
	Metal	G1/4	5	bar/psi	Manual	275	1500	529144 ★	MS4-LFR-1/4-D6-CRM-AS			
					Auto			529146 ★	MS4-LFR-1/4-D6-CRV-AS			
			40		Manual			275	1700	529148 ★	MS4-LFR-1/4-D6-ERM-AS	
					Auto					529150 ★	MS4-LFR-1/4-D6-ERV-AS	
		1/4 NPT	5		275	1500	Manual	531229	MS4N-LFR-1/4-D6-CRM-AS			
							Auto	531233	MS4N-LFR-1/4-D6-CRV-AS			
			40		275	1700	Manual	531221	MS4N-LFR-1/4-D6-ERM-AS			
							Auto	531225	MS4N-LFR-1/4-D6-ERV-AS			
	LFR regulator, regulating range 0.5 ... 10.0 Bar											
	Metal	G1/4	5	bar/psi	Manual	275	1200	529152 ★	MS4-LFR-1/4-D7-CRM-AS			
					Auto			529154 ★	MS4-LFR-1/4-D7-CRV-AS			
			40		275			1500	Manual	529156 ★	MS4-LFR-1/4-D7-ERM-AS	
									Auto	529158 ★	MS4-LFR-1/4-D7-ERV-AS	
1/4 NPT		5	275		1200	Manual	531213	MS4N-LFR-1/4-D7-CRM-AS				
						Auto	531217	MS4N-LFR-1/4-D7-CRV-AS				
		40	275		1500	Manual	531205	MS4N-LFR-1/4-D7-ERM-AS				
						Auto	531209	MS4N-LFR-1/4-D7-ERV-AS				




LFR-Filter/Regulator												
Size	Housing material	Port size	Filtration level [µm]	Pressure gauge scale	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type			
	LFR regulator, regulating range 0.3 ... 7.0 Bar											
	Metal	G1/2	5	bar/psi	Manual	875	5600	529176 ★	MS6-LFR-1/2-D6-CRM-AS			
					Auto			529178 ★	MS6-LFR-1/2-D6-CRV-AS			
			40		875			6200	Manual	529180 ★	MS6-LFR-1/2-D6-ERM-AS	
									Auto	529182 ★	MS6-LFR-1/2-D6-ERV-AS	
		1/2 NPT	5		875	4000	Manual	531306	MS6N-LFR-1/2-D6-CRM-AS			
							Auto	531312	MS6N-LFR-1/2-D6-CRV-AS			
			40		875	4500	Manual	531300	MS6N-LFR-1/2-D6-ERV-AS			
							Auto	531294	MS6N-LFR-1/2-D6-ERM-AS			
	LFR regulator, regulating range 0.5 ... 10.0 Bar											
	Metal	G1/2	5	bar/psi	Manual	875	4000	529184 ★	MS6-LFR-1/2-D7-CRM-AS			
					Auto			529186 ★	MS6-LFR-1/2-D7-CRV-AS			
			40		875			4500	Manual	529188 ★	MS6-LFR-1/2-D7-ERM-AS	
									Auto	529190 ★	MS6-LFR-1/2-D7-ERV-AS	
1/2 NPT		5	875		4000	Manual	531282	MS6N-LFR-1/2-D7-CRM-AS				
						Auto	531288	MS6N-LFR-1/2-D7-CRV-AS				
		40	875		4500	Manual	531270	MS6N-LFR-1/2-D7-ERM-AS				
						Auto	531276	MS6N-LFR-1/2-D7-ERV-AS				




LWS - Water Separator								
Size	Housing material	Port size	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type	
	Metal	G1/2	Automatic	820	3800	529679	MS6-LWS-1/2-U-V	
		1/2 NPT				564873	MS6N-LWS-1/2-U-V	



LF-Filter												
Size	Housing material	Port size	Filtration level [µm]	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type				
MS4 	Metal	G1/4	5	Manual	189	1300	529395 ★	MS4-LF-1/4-CRM				
				Auto			529397 ★	MS4-LF-1/4-CRV				
			40	Manual			1700	529399 ★	MS4-LF-1/4-ERM			
				Auto				529401 ★	MS4-LF-1/4-ERV			
		1/4 NPT	5	Manual		1300		531489	MS4N-LF-1/4-CRM			
				Auto				531493	MS4N-LF-1/4-CRV			
			40	Manual			1700	531485	MS4N-LF-1/4-ERM			
				Auto				531481	MS4N-LF-1/4-ERV			
		MS6 	Metal	G1/2	5	Manual		500	3200	529607 ★	MS6-LF-1/2-CRM	
						Auto				529609 ★	MS6-LF-1/2-CRV	
40	Manual				4100	529615 ★	MS6-LF-1/2-ERM					
	Auto					529617 ★	MS6-LF-1/2-ERV					
1/2 NPT	5			Manual		3200	531526		MS6N-LF-1/2-CRM			
				Auto			531532		MS6N-LF-1/2-CRV			
	40			Manual	4100		531520		MS6N-LF-1/2-ERM			
				Auto			531514		MS6N-LF-1/2-ERV			



LFM-Filter													
Size	Housing material	Port size	Filtration level [µm]	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type					
MS4 	Metal	G1/4	1	Manual	190	360	529461	MS4-LFM-1/4-BRM					
			0.01				529459	MS4-LFM-1/4-ARM					
		1/4 NPT	1				531810	MS4N-LFM-1/4-BRM					
			0.01				531812	MS4N-LFM-1/4-ARM					
		MS6 	Metal				G1/2	1	600	950	529659	MS6-LFM-1/2-BRM	
								0.01			529655	MS6-LFM-1/2-ARM	
1/2 NPT	1			900	531849	MS6N-LFM-1/2-BRM							
	0.01				531861	MS6N-LFM-1/2-ARM							



LFX-Filter											
Size	Housing material	Port size	Filtration level [µm]	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type			
MS4 	Metal	G1/4	Active carbon	Manual	190	360	529467	MS4-LFX-1/4-R			
		1/4 NPT					531764	MS4N-LFX-1/4-R			
MS6 		G1/2					600	900	529679	MS6-LFX-1/2-R	
		1/2 NPT							531921	MS6N-LFX-1/2-R	


EM1 - On/Off valve									
Size	Housing material	Port size	With silencer	Weight [g]	Flow rate [l/m]	Part number	Type		
MS4 	Metal	G1/4	Yes	210	2200	541259 ★	MS4-EM1-1/4-S		
			No	190		541258 ★	MS4-EM1-1/4		
		1/4 NPT	Yes	210		541281	MS4N-EM1-1/4-S		
			No	190		541280	MS4N-EM1-1/4		
MS6 		Metal	G1/2	Yes	655	8700	541268 ★	MS6-EM1-1/2-S	
				No	580		541267 ★	MS6-EM1-1/2	
			1/2 NPT	Yes	655		541290	MS6N-EM1-1/2-S	
				No	580		541289	MS6N-EM1-1/2	

EE - Electric On/Off valve									
Size	Housing material	Port size	Voltage	With silencer	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	10V24	Yes	289	2000	542598 ★	MS4-EE-1/4-10V24-S	
				No	273		542578 ★	MS4-EE-1/4-10V24	
		1/4 NPT		Yes	289		542608	MS4N-EE-1/4-10V24-S	
				No	273		542588	MS4N-EE-1/4-10V24	
MS6 		G1/2		7000	Yes	816	542602 ★	MS6-EE-1/2-10V24-S	
					No	740	542582 ★	MS6-EE-1/2-10V24	
		1/2 NPT			Yes	816	542612	MS6N-EE-1/2-10V24-S	
					No	740	542593	MS6N-EE-1/2-10V24	

DL - Soft Start - Pneumatically Actuated							
Size	Housing material	Port size	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	213	2000	529531	MS4-DL-1/4	
		1/4 NPT			531991	MS4N-DL-1/4	
MS6		G1/2	650	6450	529817	MS6-DL-1/2	
		1/2 NPT			532024	MS6N-DL-1/2	

FRM - Distributor Block									
Size	Housing material	Port size	Outlet port size	Body width [mm]	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	G1/4	40	165	500 - 4600	529555 ★	MS4-FRM-1/4	
		1/4 NPT	1/4 NPT				531949	MS4N-FRM-1/4	
MS6		G1/2	G1/2	62	458	2700 - 14700	529853 ★	MS6-FRM-1/2	
		1/2 NPT	1/2 NPT				531966	MS6N-FRM-1/2	

FRM - FRZ - Distributor Block									
Size	Housing material	Port size	Outlet port size	Body width [mm]	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	G1/4	50	60	4050	549336 ★	MS4-FRM-FRZ	
		1/4 NPT	1/4 NPT				554101	MS4N-FRM-FRZ	
MS6		G1/2	G1/2	31	163	14600	549337 ★	MS6-FRM-FRZ	
		1/2 NPT	1/2 NPT				554102	MS6N-FRM-FRZ	

SV - Safety Valve										
Size	Housing material	Port size	Performance level	Voltage	Sensor connection	With silencer	Weight [g]	Flow rate [l/m]	Part number	Description
MS6 	Metal	G1/2	C	10V24	n/a	Yes	1006	5700	8001469 ★	MS6-SV-1/2-C-10V24-S
				D	10V24	M8	Yes		2110	8038490 ★
			E		10V24P	M12	Yes	2200		8038491 ★
				E	10V24	MPx(order separately)	Yes		2200	548717 ★
			No				548715 ★	MS6-SV-1/2-E-10V24-AG		



Please refer to the online catalog → www.festo.com/catalog/MS

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