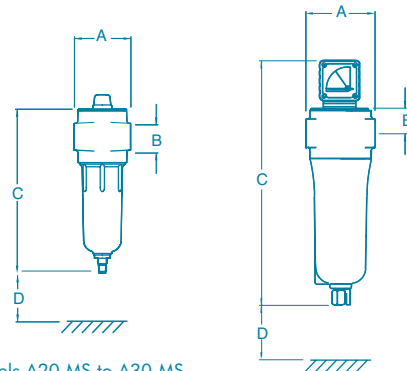


Medical Sterile Filters

The range of medical sterile filters has been specifically designed for medical compressed air plants, as used in hospitals throughout the world. This range of medical filters meets all requirements of HTM2022 medical gas pipeline systems specification.



Models A20 MS to A30 MS

Models A55 MS to A308 MS

FILTER MODEL	PIPE SIZE	FLOW RATE		DIMENSIONS mm				WEIGHT		DIMENSIONS inch				COMPLETE PRICE £	ELEMENT MODEL	ELEMENT PRICE £
		Nm ³ /h	SCFM	A	B	C	D	Kg	lb	A	B	C	D			
A20 MS	1/4	35	20	72	35	210	75	0.65	1.43	2 7/8	2	9	3	153.00	E361 SR	66.00
A30 MS	3/8	56	33	72	35	210	75	0.65	1.43	2 7/8	2	9	3	179.00	E371 SR	78.00
A55 MS	1/2	112	66	88	32	315	100	1.3	2.87	3 1/2	2	13	4	255.00	E511 SR	87.00
A76 MS	3/4	216	127	125	39	365	100	2.7	5.95	5	2	15	4	320.00	E711 SR	114.00
A105 MS	1	250	147	125	39	365	100	2.7	5.95	5	2	15	4	365.00	E811 SR	129.00
A106 MS	1	300	176	125	39	515	150	3.5	7.72	5	2	21	6	406.00	E731 SR	142.00
A126 MS	1 1/4	540	318	125	39	515	150	3.5	7.72	5	2	21	6	460.00	E821 SR	177.00
A153 MS	1 1/2	725	427	135	50	545	150	4.4	9.70	5 3/8	2	22	6	643.00	E831 SR	204.00
A203 MS	2	800	470	135	50	545	150	4.4	9.70	5 3/8	2	22	6	777.00	E831 SR	204.00
A205 MS	2	1150	675	135	50	745	150	5.0	11.0	5 3/8	2	30	6	962.00	E851 SR	297.00
A250 MS	2 1/2	1620	954	200	68	805	200	11.5	25.4	7 7/8	3	32	8	1178.00	E1251 SR	391.00
A305 MS	3	1620	954	200	68	805	200	11.5	25.4	7 7/8	3	32	8	1260.00	E1251 SR	391.00
A306 MS	3	2210	1301	200	68	925	200	15.5	34.2	7 7/8	3	37	8	1408.00	E1261 SR	457.00
A308 MS	3	2600	1531	230	65	1050	300	19.0	41.9	9 1/4	3	42	12	1742.00	E1281 SR	571.00

SPECIFICATION	GRADE SR	
Particle removal	0.01 micron	
Maximum operating temperature	120°C (50°C recommended)	248°F (122°F recommended)
Pressure loss - clean & dry	100 mbar	1.5 psi
Pressure loss - change element	400 mbar	6 psi
Maximum steam sterilising temperature in accordance with BS EN 285	134°C (see note 5)	273°F
Maximum working pressure	16 barg	232 psig
Element end cap material	Stainless steel	

Note: Pre-filtration should be used in conjunction with 0.01 micron sterile filters. Elements are suitable for autoclave steam sterilisation (see notes).

Technical Notes

1. Filter element end caps are stainless steel. Direction of air flow, outside to in through filter element.
2. Pop up indicators are supplied to models A20 MS and A30 MS. Differential pressure indicators are fitted to models A55 MS to A308 MS, as specified in the medical gas pipeline systems specification HTM2022.
3. Manual drain valves are fitted to all models.
4. Medical sterile filter elements must not operate in water or oil saturated conditions.
5. Maximum steam sterilising temperature refers to the filter element ONLY. Grade SR filter elements can be steam sterilised 100 times. Each element must be autoclaved before commencement of duty in accordance with BS EN 285.
6. Correction factors shown on page 2 for flow rates at other working pressures.

