

SOTRAS

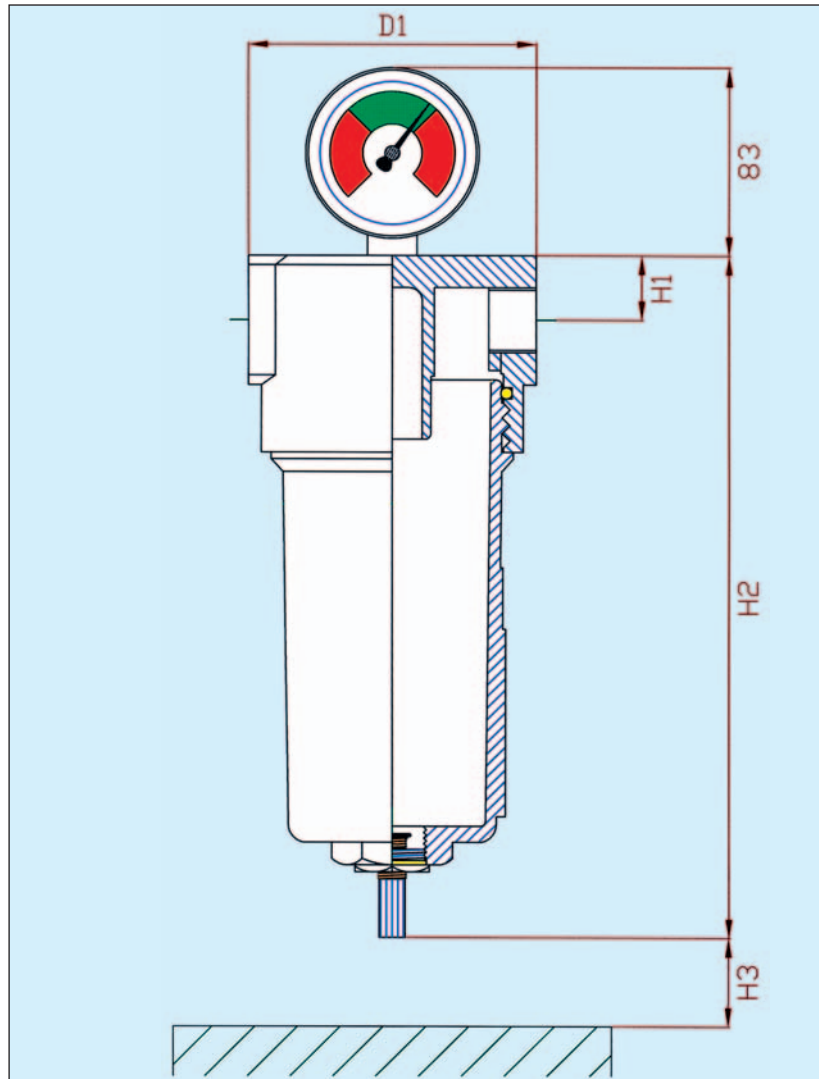


FILTERS & PRODUCTS
FOR COMPRESSED AIR



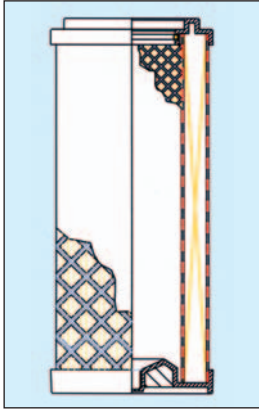
COMPRESSED AIR FILTERS

Due to the continuous demand of users of compressed air for clean, high quality air, Sotras offers a range of coalescing filters specifically designed to suit most requirements. Our established experience enables us to offer simple, efficient and high quality products at competitive prices. There are four series of elements available for various types of applications, depending on the level of filtration required. (See pag. 20)

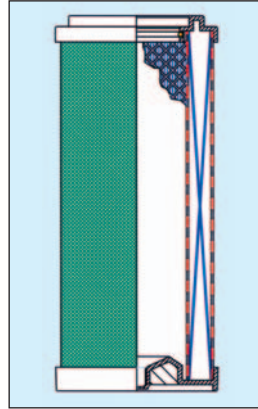


SOTRAS Ref.	Capacity (m ³ /h at 7 bar)	Connections	D1 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	Max operating pressure (bar)
SM 9001	60	3/8"	87	21	209	75	16
SM 9002	78	1/2"	87	21	209	75	16
SM 9003	120	3/4"	87	21	279	160	16
SM 9004	198	1"	130	43	315	135	16
SM 9005	335	1"	130	43	415	235	16
SM 9006	510	1 1/2"	130	43	515	335	16
SM 9007	780	1 1/2"	130	43	715	525	16
SM 9008	1000	2"	164	48	823	520	16
SM 9009	1500	2"	164	48	1073	770	16
SM 9010	2760	3"	250	74	1202	780	12

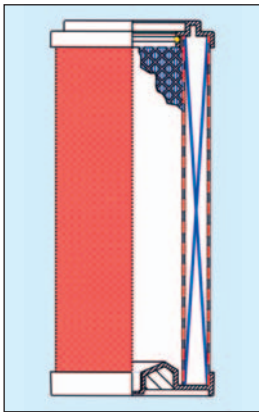




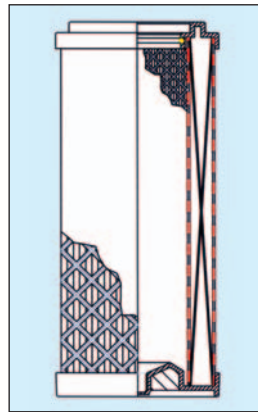
PRE FILTERS
“Series 1”
 Coarse filtration and dust removal
 Air flow through filter element- out to in



FINE FILTERS
“Series 2”
 General purpose protection
 Particle removal down to 0,1 micron.
 Maximum residual oil content down to 0,5 PPM.
 Air flow through filter element-in to out.



MICRO FILTERS
“Series 3”
 High efficiency
 Particle removal down to 0.01 micron.
 Maximum residual oil content down to 0,01 PPM.
 Air flow through filter element-in to out



ACTIVATED CARBON FILTER
“Series 4”
 Oil vapour and odour removal
 Particle removal below 0.01 micron.
 Maximum residual oil content down to 0,005 PPM.
 Air flow through filter element-in to out

FILTER HOUSING	FILTER ELEMENTS			
	PREFILTER (series 1)	FINE FILTER (series 2)	MICROFILTER (series 3)	ACT. CARB. (series 4)
SOTRAS Ref. SM 9001	SM 9017	SM 9018	SM 9019	SM 9020
SM 9002	SM 9021	SM 9022	SM 9023	SM 9024
SM 9003	SM 9025	SM 9026	SM 9027	SM 9028
SM 9004	SM 9029	SM 9030	SM 9031	SM 9032
SM 9005	SM 9033	SM 9034	SM 9035	SM 9036
SM 9006	SM 9037	SM 9038	SM 9039	SM 9040
SM 9007	SM 9041	SM 9042	SM 9043	SM 9044
SM 9008	SM 9045	SM 9046	SM 9047	SM 9048
SM 9009	SM 9049	SM 9050	SM 9051	SM 9052
SM 9010	SM 9053	SM 9054	SM 9055	SM 9056

SERIES	PARTICLE REMOVAL DOWN TO (micron)	OIL REMOVAL DOWN TO (mg/m ³)	NOMINAL INITIAL PRESSURE DROP (bar g)
1	3	-	0,03
2	0,1	0,5	0,05
3	0,01	0,01	0,06
4	0,01	0,005	0,12

Sotras also offers a wide range of alternative elements suitable for other makes of housing.





SM 9100
Scaricatore automatico di condensa interno fino a SM 9007
Automatic condense drain internal until SM 9007



SM 9200
Scaricatore automatico di condensa esterno
Automatic condense drain external



SM 9210
Scaricatore di condensa automatico elettronico con timer
Electronic automatic drain with timer



SM 9220
Scaricatore di condensa automatico elettronico
Electronic automatic drain



SM 9300
Scaricatore di condensa manuale fino al SM 9010
Manual condense drain until SM 9010



SM 9400
Separatore di condensa per SM 9001-SM 9002-SM 9003
Cyclone kit for SM 9001-SM 9002-SM 9003



SM 9500
Separatore di condensa per SM 9004-SM 9005
Cyclone kit for SM 9004-SM 9005



SM 9502
Separatore di condensa per SM 9006-SM 9007
Cyclone kit for SM 9006-SM 9007



SM 9601
Separatore di condensa per SM 9008-SM 9009
Cyclone kit for SM 9008-SM 9009



SM 9700
Manometro differenziale di pressione
Differential pressure gauge



SM 9730
Manometro differenziale
Differential pressure gauge