

SEPURA SELECT filtration products CSF series—Welded steel compressed air filters



SEPURA CSF - series welded steel compressed air filters provide filtration options for large compressed air installations across ten different flow rates.

CSF flanged filter housings are fabricated from high quality steel and comply with all requirements of Pressure Equipment Directive PED 97/23/CE

Intelligent automatic condensate drains and differential pressure gauges are standard across the range. Housings are protected against corrosion by RAL defined colour painting. Customer – specified colours can be provided at small additional cost. We also offer options for either epoxy painting or hot-dipped galvanising.

SEPURA CSF series filters are manufactured and supplied to order on short lead times.

There are 10 models operating at up to 16 barg max pressure. DN80 to DN 300 flanges. 1294 cfm to 18470 cfm

Filter elements

The quality of the welded housings counts for little unless the elements meet the highest expectations. SEPURA elements are assembled to exacting standards. They are rated according to



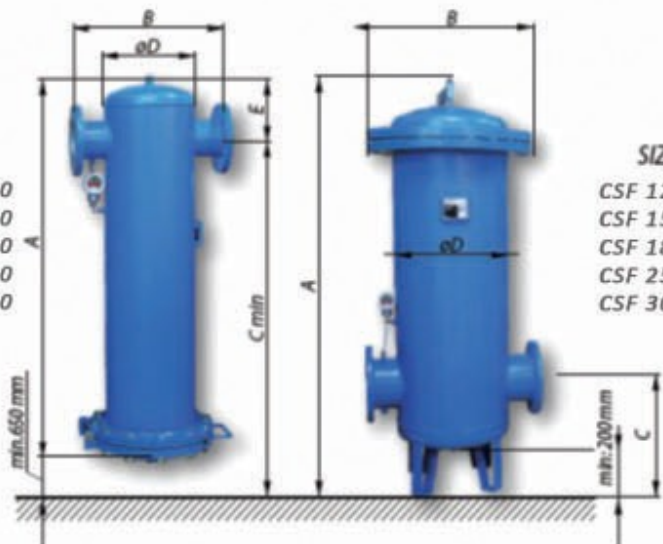
ISO8573-1 and are validated according to ISO12500-1 & ISO12500-3.

Low pressure drop maximises energy efficiency.

Elements used for all of our CSF series housings are constructed with precision-machined aluminium end caps

SIZES:

CSF 0240
CSF 0300
CSF 0450
CSF 0600
CSF 0900



SIZES:

CSF 1200
CSF 1500
CSF 1800
CSF 2500
CSF 3000

CSF series—Welded steel compressed air filters—specifications

Model	Connection DN	Flow M3/min	Flow cfm	Dimensions (mm)					Element type & Qty	
				A	B	C	D	E		
CSF 0240	80	36.6	1294	1170	450	1645	219	177	CSF76090	1
CSF 0300	100	52.5	1853	1340	560	1760	324	227	CSF76090	2
CSF 1450	125	78	2765	1360	560	1780	324	227	CSF76090	3
CSF 0600	150	105	3706	1425	620	1810	368	265	CSF76090	4
CSF 0900	150	157	5530	1480	680	1850	419	650	CSF76090	6
CSF 1200	200	209	7382	1835	792	510	508	280	CSF76090	8
CSF 1500	200	262	9235	1880	918	535	610	-	CSF76090	10
CSF 1800	250	314	11088	1950	955	555	610	-	CSF76090	12
CSF 2500	250	418	14765	2060	1042	645	711	-	CSF76090	16
CSF 3000	300	523	18470	2130	1085	680	711	-	CSF76090	20

Element grades and air class to ISO 8573-1						
	'B' (sintered) 15 μ	'P' 3 μ	'R' 1 μ	'M' 0.1 μ	'S' 0.01 μ	'A' active carbon
Solids	4	3	1	1	1	-
Oil	-	-	-	2	1	1

Flow correction factors															
Operating pressure (bar)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CSH Aluminium	0.38	0.52	0.63	0.75	0.88	1.0	1.13	1.26	1.38	1.52	1.65	1.76	1.87	2.0	2.14
CSF welded	0.53	0.65	0.76	0.84	0.92	1.0	1.07	1.13	1.19	1.25	1.31	1.36	1.41	1.46	1.51



PDI 16 - pop up indicator



MDM 60 / 60A / 60C PD Gauges



AOK 16B Float drain



AD950T smart timed drain



Aluminium filters 35—1640 cfm



3rd -party elements for most popular housings

SEPURA carries a huge range of elements to fit housings from most major manufacturers and their branded variants. Domnick Hunter, Compair (Broomwade and Hydrovane) HPC, Ingersoll Rand, Atlas Copco, (older and current) Sullair, Zander, Boge, Ultrafilter/Donaldson, Hiross, Kaeser, MTA, ABAC, Mark, Worthington, Puska, Omega, AFE and Hi-line are on the price list with more to follow.

You can also find replacement float drains for other housings—watch the website for details.

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