



# SRB WATER SEPARATORS

Centrifugal separation to remove up to 99% of water aerosol in compressed air

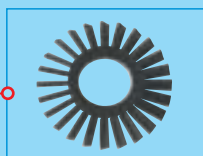
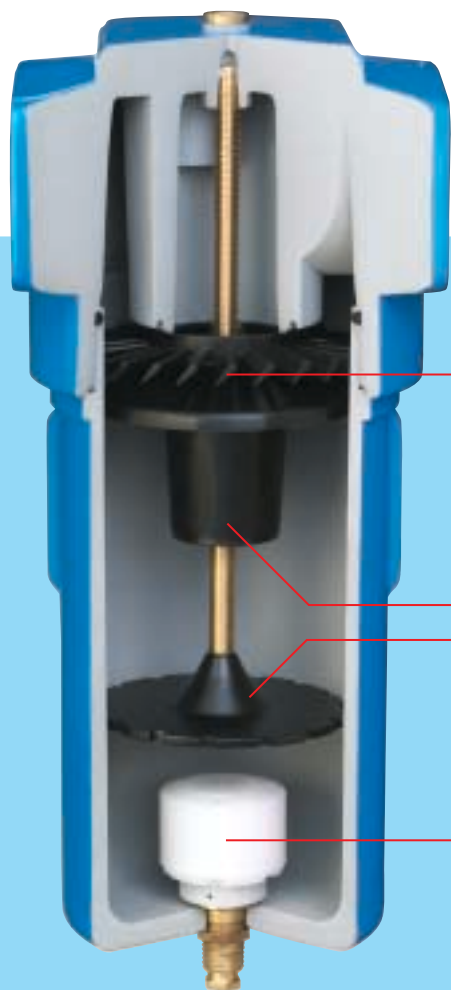


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# AFE WATER SEPARATORS

Compressed air is normally saturated with moisture in the form of water vapour as well as aerosol, and this needs to be removed to prevent problems further downstream at the point of application.

AFE's water separator is specially designed based on the proven centrifugal separation to remove up to 99% of the water aerosol in compressed air. Working in conjunction with other compressed air treatment products like filters, after-coolers and dryers, the water separator is a very cost effective way of further enhancing their efficiency by ensuring that bulk water generated in the compressed air is properly separated and discharged from the system.



**Vortex Generator - Vane**  
Aerodynamically designed vortex generator vanes for greater efficiency.



**Vortex Generator - Cone**  
Conical profile for enhanced vortex effect.



**Automatic Condensate Drain**  
Efficiently discharge separated water from the system.



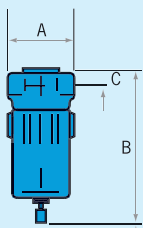
**Cyclone Arrestor**  
Special profile designed to improve separator efficiency and prevent re-entrainment of separated water.



## FEATURES AND ADVANTAGES

- Removes up to 99% bulk water
- Very low maintenance cost
- Simple and easy to install
- Efficient automatic drain
- Robust aluminium housing

## DIMENSION



## GENERAL INFORMATION

- Min recommended operating temperature of 1.5°C (35°F) • Max recommended operating temperature of 80°C (176°F) • Maximum recommended operating pressure of 16 barg (232 psi)
- Nominal Differential Pressure of 0.03 barg (0.45 psi) • Aluminium housing with polypropylene mechanism

Model Number	Pipe Conn	Capacity @ 7 Bar g		Weight kg	Dimensions (mm)			
		m3/min	cfm		A	B	C	D
CS0005-I4	1/2"	0.92	32.49	1.05	87	175	21	60
CS0009-I4	1/2"	2.50	88.29	1.10	87	209	21	75
CS0014-I4	3/4"	4.08	144.08	1.40	87	279	21	90
CS0023-I4	1"	6.58	232.37	3.80	130	315	43	135
CS0040-I4	1 1/2"	10.58	373.63	4.20	130	415	43	235
CS0063-I4	1 1/2"	13.83	488.40	4.80	130	515	43	335
CS0094-I4	1 1/2"	17.00	600.35	6.20	130	715	43	525
CS0250-E4	2"	25.00	882.35	7.50	162	667	64	389
CS0700-E4	2 1/2"	42.00	1482.35	8.00	162	667	64	439
CS0800-E4	3"	50.00	1764.71	10.00	215	722	75	450

Pressure	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Factor	0.25	0.38	0.5	0.65	0.75	0.88	1.0	1.13	1.25	1.38	1.51	1.63	1.75	1.88	2.0	2.13



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