



WATER SEPARATORS

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



AFE Airfilter Europe GmbH

Lueddigstr. 8 D - 53332 Bornheim

Tel. + 49 2227 900 1000 Fax + 49 2227 900 1001

office@airfilter-europe.com www.airfilter-europe.com

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.

Cyclone Arrestor

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

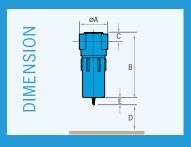
Automatic Condensate Drain

Efficiently discharge separated water from the system.



FEATURES AND ADVANTAGES

- removes up to 99% bulk water
- very low maintenance cost
- simple and easy to install
- efficient automatic drain
- powder coated
- chromatised housing



Model Number	Conn.	Capacity at 7 bar (g)		Weight	Dimensions, mm						
	COIII.	m³/min	cfm	kg	Α	В	С	D			
CS0010-I5	1/2"	0.92	32.49	1.05	87	175	21	60			
CS0020-I5	1/2"	2.50	88.29	1.10	87	209	21	75			
CS0030-I5	3/4"	4.08	144.08	1.40	87	279	21	90			
CS0055-I5	1"	6.58	232.37	3.80	130	315	43	135			
CS0095-I5	1 1/2"	10.58	373.63	4.20	130	415	43	235			
CS0150-I5	1 1/2"	13.83	488.40	4.80	130	515	43	335			
CS0220-I5	1 1/2"	17.00	600.35	6.20	130	715	43	525			

Pressure	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Factor f	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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