

VORTEX WATER SEPARATOR

CEWS0XX



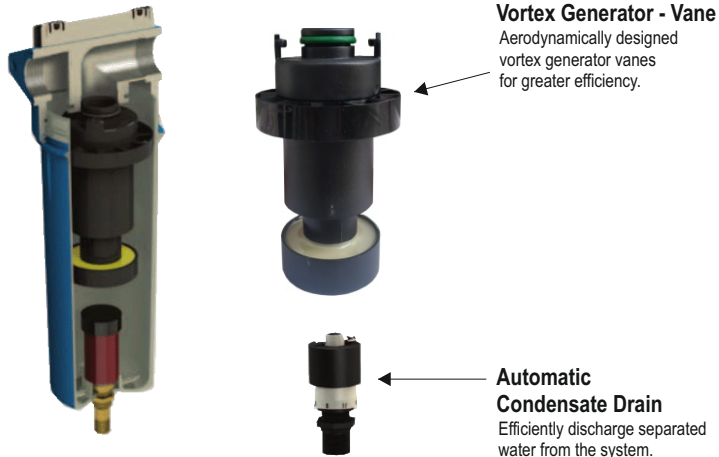
Centrifugal Separation to Remove up to 99% of Water Aerosol in Compressed Air.

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.

Conquest'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-cooler 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.

Features & Advantages

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



General Information

- Pressure die cast aluminum housing chromated to give protection against corrosion powder coating process with zinc based corrosion inhibition powder primer and epoxy polyester powder.
- Injection moulded from nylon, then bonded to the filter core with high strength two part polyurethane potting resin for maximum strength.

CEWS-SERIES WATER SEPARATOR'S

S. No.	MODEL	CONNECTION BSP (F)	FLOW RATE		DIMENSION (mm)	ELEMENT CODE
			m ³ /h	SCFM		
1	CEWS-025	1/2"	42	25	95 X 210	ELCWS254599
2	CEWS-045	3/4"	78	45	95 X 210	ELCWS254599
3	CEWS-099	3/4"	168	99	95 X 270	ELCWS254599

Correction factor for operating pressure

Inlet air pressure (bar)	3	5	7	9	11	13	15
Factor	0.55	0.8	1	1.13	1.25	1.35	1.43



CONCEPT TECHNOSTRUCTURES

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