

BOGE CC-2 oil-water separator

As efficient as never before

Approval by the German Institute for Structural Engineering (DIBt) proves that the new BOGE CC-2 oil-water separator complies reliably with the legal threshold values for hydrocarbons when processing “dischargeable” water from condensate via different filter stages – irrespective of which oil you use. The new models are particularly convincing with regard to ease of maintenance – from type CC 175-2 the product can also be fitted with an automatic saturation alarm if required.



SUITABLE
FOR ALL TYPES
OF OIL

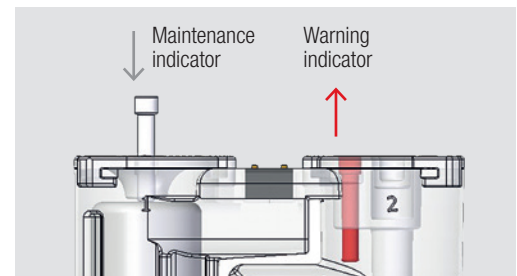
No limitations

Traditional gravity separation of oil and water is ineffective as modern fully synthetic oils in particular, which are increasingly used in compressors, tend to emulsify in condensate. The good news: The BOGE CC-2 overcomes this effectively with all compressor oils and is approved for use worldwide.



No guesswork

To assess the condition of the filter, the new oil-water separators from BOGE have two indicator displays - one per tower. The display in the first tower indicates when the filter element is saturated, while the second keeps a diligent check on the overflow.



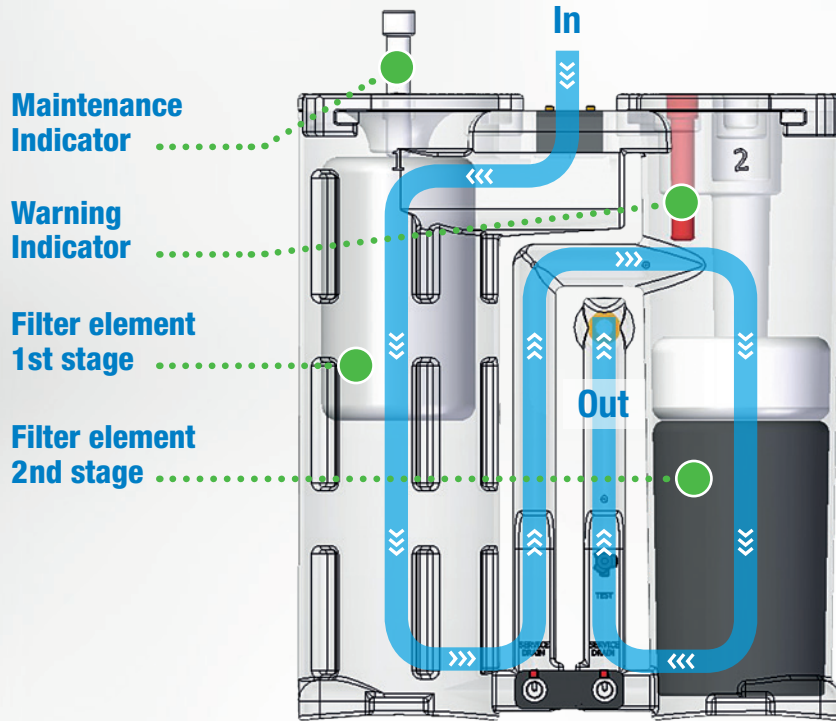
No downtime

Downtime is always unproductive so it is good if this can be limited. The BOGE CC-2 works with ergonomically designed filter elements, these weigh less than traditional elements and fall within ergonomic laws and regulations. As a result of this servicing is quick and easy.



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Gravity separation is a thing of the past

Condensate forms in any compressor. As the condensate mixes with oil in oil-lubricated compressors, it has to be processed prior to removal. However, with modern fully synthetic compressor oils, there are shortcomings in the gravity separation that has been traditionally used for processing condensate. To overcome this BOGE CC-2 oil-water separators therefore operate with different filter stages. The condensate is discharged from above via a pressure relief chamber and flows through the first polypropylene element. The next filter stage takes place in the second tower, where activated charcoal filters out the final impurities – resulting in a residual oil content of < 10 ppm at the outlet. This applies to all compressor oils.

Maximum security

An electronic alarm contact is also available as an option from type CC 175-2 onwards. This alarms automatically when the filter is saturated. This alarm contact can easily be integrated into a higher level control – which means the system is effectively “Industry 4.0-ready”.



FOR EVERY OIL AND EVERY SIZE OF COMPRESSOR

BOGE type	Compressor performance		Oil adsorption capacity gallon	Dimensions W x H x D inch	Weight lbs
	CFM	m ³ /min.			
CC 70-2	70	2	0.5	10 x 9.5 x 9.1	7
CC 130-2	130	4	1.0	15.4 x 14.5 x 8.3	18
CC 175-2	175	5	1.3	22.8 x 24 x 7.5	22
CC 350-2	350	10	2.6	25.6 x 29.5 x 9.4	37
CC 750-2	750	20	4.0	30.7 x 35.4 x 12	66
CC 1250-2	1250	30	6.6	38.2 x 35.4 x 15	95
CC 2500-2	2500	60	13.2	45.7 x 40.9 x 18.9	163

BOGE Compressors BOGE America, Inc.

3414 Florence Circle · Powder Springs, GA 30127 · Tel. 770-874-1570 · Fax 770-874-1571 · usa@boge.com · us.boge.com