

Operating Instruction

Condensate separator CC 20

Dear Customer,

Thank you for deciding in favour of the oil-water separator BOGE CC. Please read the present instructions carefully before installing your BOGE CC unit and putting it into service. The perfect functioning of the oil-water separator BOGE CC - and thus reliable condensate treatment - can only be guaranteed if the recommendations and conditions stated here are adhered to.

BOGE KOMPRESSOREN

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Installation & Maintenance Instructions

BOGE CC 20

Oil /water separator



08/09

GENERAL OPERATION

The Boge CC 20 is designed to separate oil from condensate that is extracted from compressed air systems. The Boge CC 20 condensate separator covers compressor capacities up to 20 m³/min.

This range of oil/water separators is certified according to the DiBT (Deutsches Institut für Bautechnik) which is a German institute of the Federal and Laender Governments for a uniform fulfilment of technical tasks in the field of public law.

This product is not pressurised and therefore is not subject to the PED 97/23/EWG directive.

Polypropylene has the perfect effect on oil. It attracts oil and captures it, almost as if it draws oil like a magnet. That simplicity and our technology are at the root of the Boge CC's efficiency to clean virtually all types of condensate, emulsified or not.

The typical output oil residue value is less than 10 ppm.

All Boge CC models can accept condensate discharge from intelligent drains, timer drains, float drains and manual drains.

SAFETY INSTRUCTIONS

SAFETY AND PROPER USAGE

To ensure safe and enduring performance of this product, you must comply strictly with the instructions enclosed herein. Non-compliance with instructions or improper handling of the product will void your warranty! Usage of this product in conditions not specified in this manual or in contrary to the instructions hereby provided is considered IMPROPER. The manufacturer will not be held liable for any damages resulting from improper use of the product.

SAFETY & WARNING INSTRUCTIONS

ATTENTION

- * Observe valid and generally accepted safety rules when planning, installing and using this product.
- * Take proper measures to prevent unintentional operation of the product or damage to it.
- * Do not attempt to disassemble this product or lines in the system while they are under pressure.
- * Always depressurise the compressed air system before working on the system.

It is important that personnel use safe working practices and observe all regulations and legal requirements for safety when operating this product. When handling, operating or carrying out maintenance on this product, personnel must employ safe engineering practices and observe all local health & safety requirements & regulations. International users refer to regulations that prevail within the country of installation. Most accidents, which occur during the operation and maintenance of machinery, are the result of failure to observe basic safety rules or precautions. An accident can often be avoided by recognising a situation that is potentially dangerous.

Improper operation or maintenance of this product could be dangerous and result in an accident causing injury or death. The manufacturer cannot anticipate every possible circumstance, which may represent a potential hazard. The WARNINGS in this manual cover the most common potential hazards and are therefore not all-inclusive.

If the user employs an operating procedure, an item of equipment or a method of working which is not specifically recommended by the manufacturer he must ensure that the product will not be damaged or made unsafe and that there is no risk to persons or property.

COMPONENTS DIAGRAM

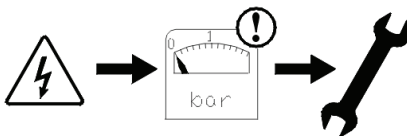


INSTALLATION INSTRUCTIONS

IMPORTANT NOTICE

Before installing this product, make sure it complies with your request and that it suits your application!

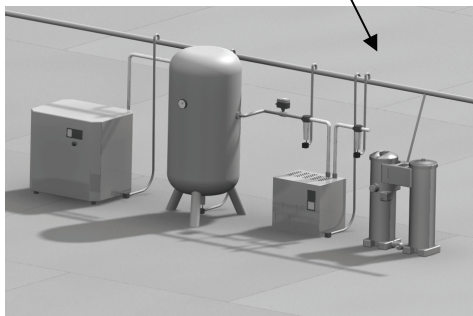
1. Unpack the Boge CC 20 and visually inspect for any transport damage incurred after leaving our factory.



2. Depressurise the system before installation or maintenance is carried out!

3. Locate a suitable point in your compressor room to place your Boge CC 20. This point must be near a suitable sewage point. The unit is designed to easily fit against a wall.

Condensate collection pipe



4. Screw the outlet nipple with o-ring in to the marked locations using a 22 mm wrench.



INSTALLATION INSTRUCTIONS

5. Remove the plastic bag which is placed on top of the black element inside tower 2.



6. Connect the condensate collection pipe to the inlet's.



7. Connect the outlet to a suitable sewage point. Make sure the condensate always flows down!



8. Before filling the unit with water make sure that the test and service drains are closed.



INSTALLATION INSTRUCTIONS

9. Remove the top depressurising foam + overflow indicator and fill the unit with water from the depressurising box until both towers are filled and water flows out of the outlet point.



10. Ensure both elements rest on the bottom of the towers by pushing (and holding) them down.



11. Replace both lids (lid 1 on tower 1 and lid 2 on tower 2) and replace the top depressurising foam + overflow indicator.



12. Your Boge CC 20 is ready for operation.

Don't install the unit outside (danger of freezing).

DESCRIPTION OF THE TEST BOTTLE



- 20 PPM = OK +20 PPM = NOT OK (REPLACE ELEMETS)

SERVICE CHART

Date	Description	Name

TECHNICAL SPECIFICATIONS

Max. oil adsorption element's	Approx. 15 Litres
Inlet connections	G1½" (2x)
Outlet connections	G1½"
Test valve	Yes
Service drain	Yes
Overflow indicator	Yes
Housing material	PE
Total recyclable	Yes
Housing colour	Blue
Lid colour	Black

Mineral lubricants	Yes
Synthetic lubricants	Yes
Stabile condensate emulsions	Yes
Polyglycol	Yes (consult factory)
Max. compressor capacity	20 m³/min (based on a 8h. shift)

DIMENSIONS (MM)

