

CE

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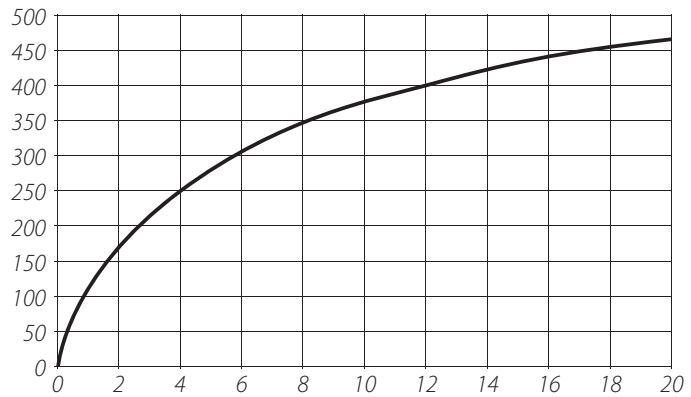
**MAINTENANCE AND OPERATING MANUAL**  
**Automatic Condensate Drain**  
**AOK 20B**



*Please read the following instructions carefully before installing electronic drain unit into service. Trouble free and safe operating of the unit can only be guaranteed if recommendations and conditions stated in this manual are respected.*

# AOK 20B

## Installation, maintenance and operating manual



### DESCRIPTION AND PERFORMANCES

The AOK 20B is an automatic drain which construction is made of aluminium body (1+2) that contains a stainless steel float operated purging system. It is also equipped with a manual purging valve (4). It discharges the condensate without compressed air losses.

When the discharge orifice is closed the floating buoyancy is lower than the addition of floating's weight and pressure on plug. When the condensate level inside the drain is rising, the float rises as the result of buoyancy and opens the discharging orifice. The orifice closes again when the condensate level decreases.

### INSTALLATION

Before connecting the condensate drain, blow compressed air through the piping in order to thoroughly clean out any impurities inside the system.

Install the AOK 20B below the lowest point of pressure vessel. Install the optional connection nipple in order to perform better air venting and better condensate flow to the AOK 20B. The connection receiver-nipple-AOK 20B should be done without any extra pipe or filter.

Discharge can be performed as 'free orifice' or by using an extra tube. Discharge can be also be made above the drain if discharger counter-pressure is lower than operating pressure.

After 2 weeks, open AOK 20B and carefully clean all components.

### MAINTENANCE

**WEEKLY:** Carefully unscrew the manual discharge drain valve and let the water to be blowed out by the force of air, until only the compressed air is passing through for a few seconds. If a larger amount of water (more than 0.5 litres) exits the valve, the condensate drain must be thoroughly cleaned up.

**YEARLY:** Dismantle the drain and clean all components. Do not use solvents to clean rubber components.

**NOTE!! Before any maintenance work, release the pressure from the system!!**

## SAFETY

During handling and maintaining, the personnel must operate with care observing all instructions concerning healthy and safety regulatives.

The user should be acquainted with operation and maintenance instructions of the condensate drain. The user should read and understood all warnings, cautions, prohibitions and notes written in this instruction manual.

Improper operation or maintenance of the AOK 20B could be dangerous and could result as an accident causing heavy injury or death.

The producer do not take any responsibility for damages or injuries caused by irregular, incorrect and abnormal use of device.

### Precautions regarding installation and operation

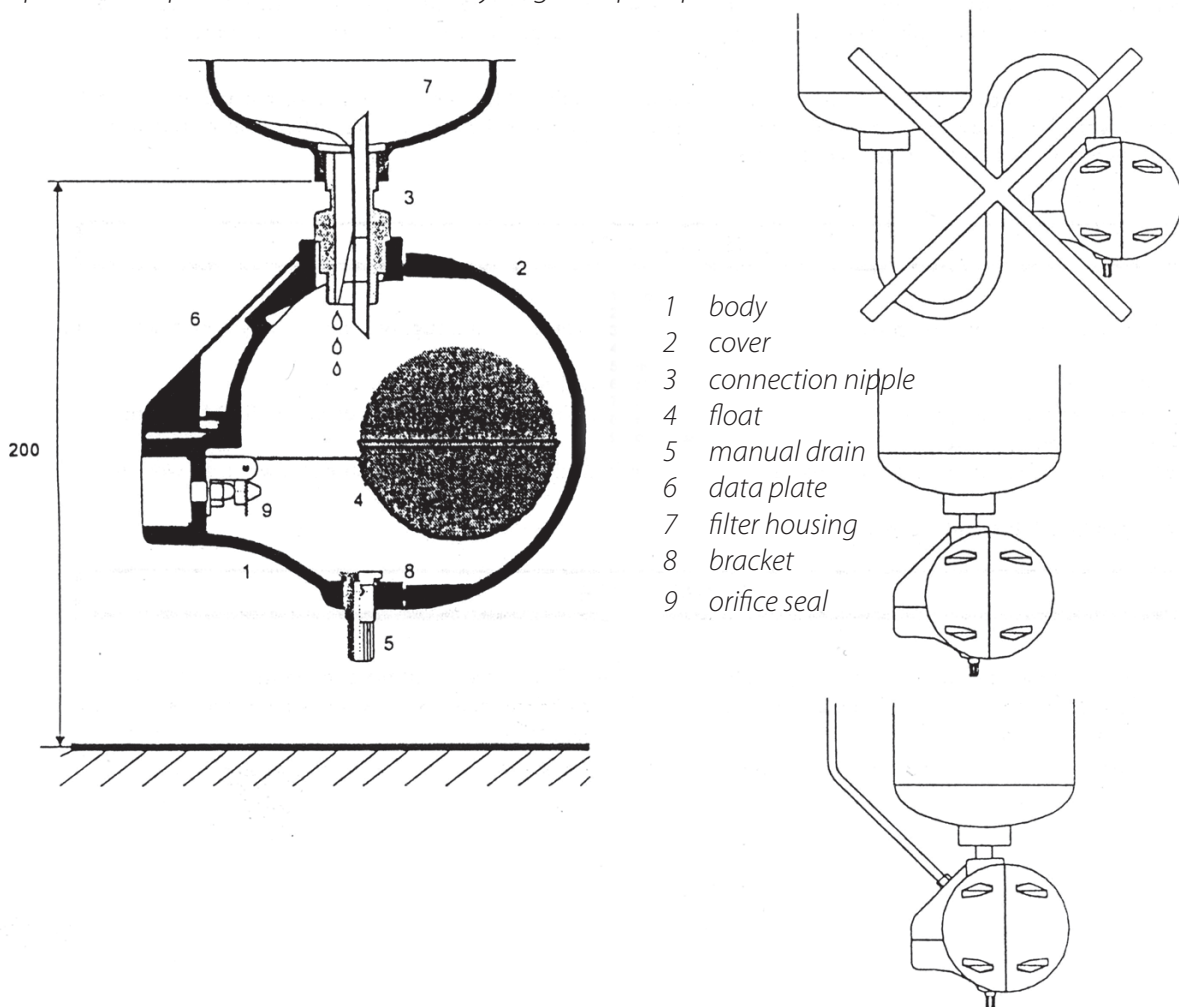
Install AOK 20B to the system, where pressure and temperature values do not exceed the data plate values. These values must not be exceeded during operation even for the short duration.

### Maintenance precautions

Before any maintenance works check that all pressurised air trapped in the system is released into the atmosphere.

When disposing of parts and waste material of any kind make sure that it will cause no nature pollution of any type. All waste material must be removed according to local environment regulatives and laws.

If replacement parts are needed use only original spare parts.





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