Installation & Maintenance Instructions

BVS

Ball valve strainer

03/09

GENERAL OPERATION

The BVS is designed to protect condensate drains against large particles found in condensate. The strainer inside the BVS will catch all these large particles.

The unit can be shut off from the compressed air system by closing the ball valve, enabling easy and safe work to be carried out on the drain which is installed after the BVS without depressurising the complete compressed air system.

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.

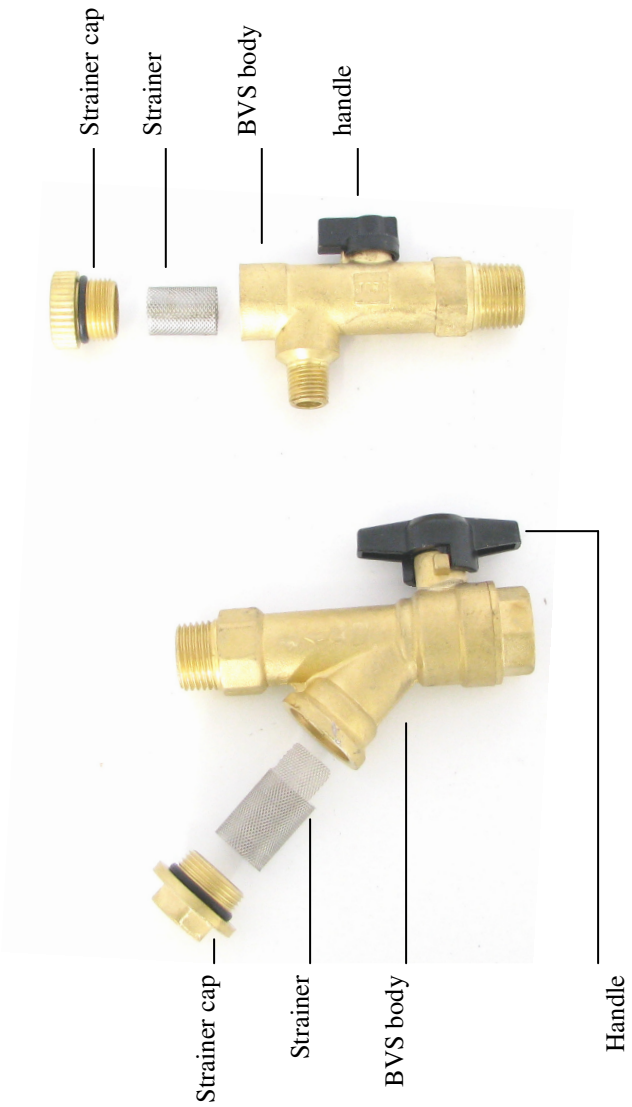
SAFETY & WARNING INSTRUCTIONS

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.**

EXPLODED VIEW AND IDENTIFY ALL COMPONENTS DIAGRAM

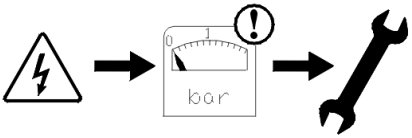


INSTALLATION INSTRUCTIONS

IMPORTANT NOTICE

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

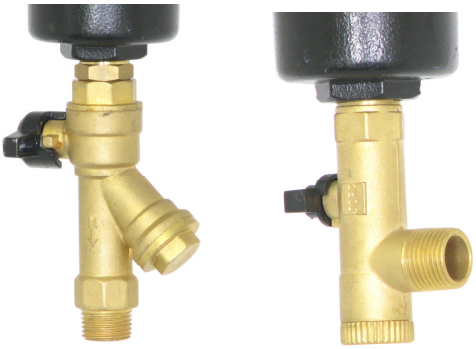
1. Unpack the unit and visually inspect for any transport damage incurred after leaving our factory.



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

3. Locate a suitable draining point on your compressed air system to place your BVS.
I.e. in front of your condensate drain.

Install your BVS as shown below.



4. In-line state of the handle indicates that the ball valve inside the BVS is open.
Turn 90º to close the ball valve

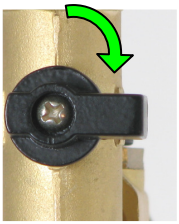
Open

Close

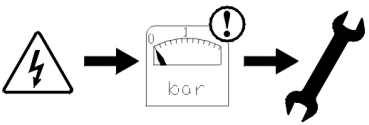
Your BVS is ready for operation.

CLEANING INSTRUCTIONS

To clean or service the BVS follow the following easy steps.
Step 1: Turn the handle 90º to close the BVS.

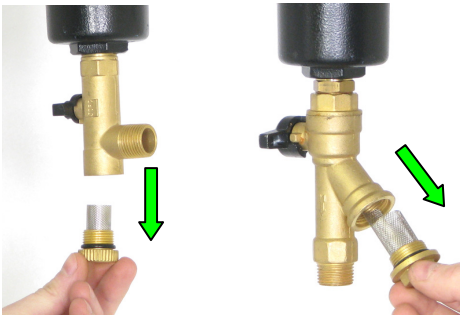


Step 2: Depressurise the condensate drain ***after*** the BVS to depressurise the BVS.



I.e. press the TEST button on your drain to depressurise the drain and BVS.

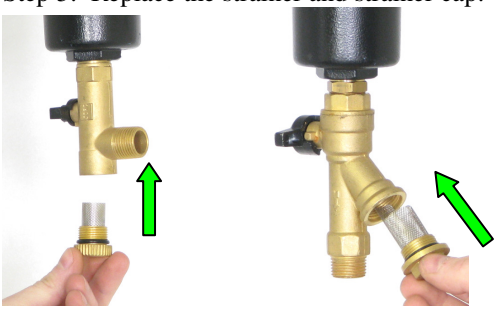
Step 3: Unscrew the strainer cap.



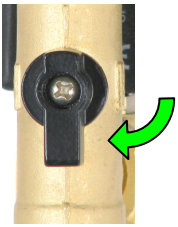
Step 4: Take out the strainer and clean it. (i.e. with an airgun).

Warning: be aware of flying particles

Step 5: Replace the strainer and strainer cap.



Step 6: Open the BVS by turning the handle 90º (in-line position).



6. Your BVS is ready for operation.

SERVICE CHART

Date	Description	Name

TECHNICAL SPECIFICATIONS

Inlet connection size	½” and ¼” (dual inlet)
Outlet connection size	3/8”, ¼” or ½”
BVS material	Brass, stainless steel ball
Seals	PTFE

DIMENSIONS (MM)