

OPERATING INSTRUCTIONS

Manufacturer	deltaVision GmbH Hofmannstr. 50 81379 München
Product	Check Valve
Product type	C2a





SAFETY

Strict compliance with these operating instructions is essential for the safe and enduring use of this product. No warranty is given in case of non-compliance with the operating instructions or improper handling of the product. This product is intended exclusively for use with the fluids specified in the data sheet. Use of the product under conditions not specified in the data sheet or contrary to the instructions contained therein is understood to be IMPROPER. The manufacturer assumes no liability for damage or loss resulting from improper use of the product.

No warranty is given in case the customer would open the product without prior agreement of deltaVision.



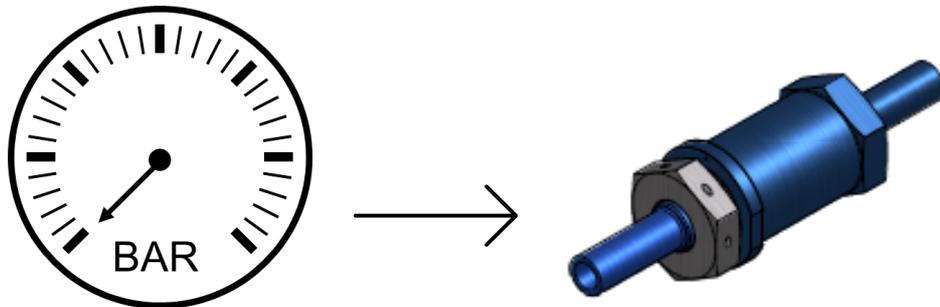
WARNING

- The generally applicable safety regulations must be observed when planning, installing and using the product.
Appropriate measures must be taken to prevent unintentional incorrect handling or damage to the product.
Valves or connections in the system must not be unscrewed or dismantled under pressure. Before dismantling pressure lines, make sure that they are depressurized.



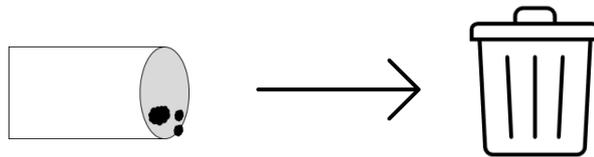
BEFORE INSTALLATION

1. Release the pressure of the system before installation.

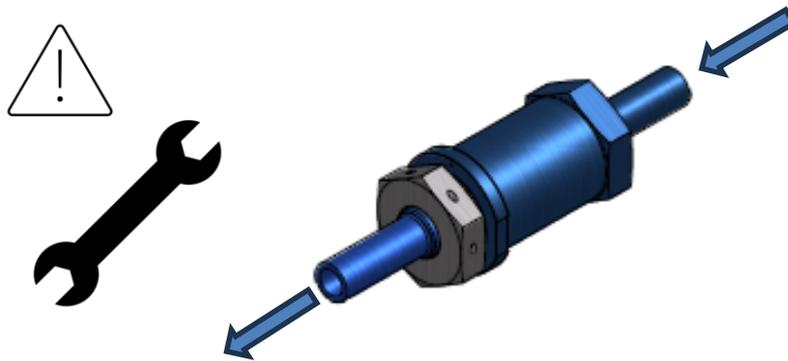


INSTALLATION

1. Clean pipes before installation.



2. Install pipes on the valve. The inlet and outlet are made to be compatible to a standard $\frac{1}{4}$ inch fitting. It is recommended to use tube fittings like Swagelok. The installation specification for these fittings is provided by the fittings supplier. Take care about the flow-direction.



3. It is recommended to install a filter of 20 microns upfront of the valve to avoid valve contamination.



TROUBLESHOOTING

1. Check the pipings.



2. Check the piping for contamination.



3. For measuring the pressure drop/Kv of the valve, make sure that any elbow placed after the valve is placed at a distance of minimum 5 times the nominal diameter of the valve.