

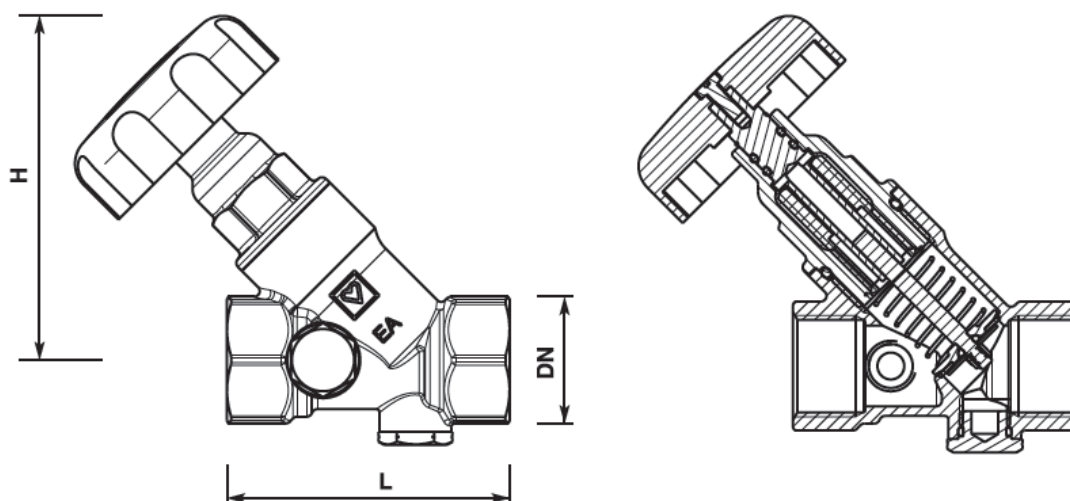
HERZ-Backflow preventer

Shut-off valve with integrated check valve

for drinking water installations in buildings

Data sheet for **2 4126 0x**, Issue 0915

☑ Dimensions in mm



Oder number	DN	L	H	Rp
2 4126 01	15	65	82	1/2
2 4126 02	20	75	92	3/4
2 4126 03	25	90	150	1
2 4126 04	32	110	118	1 1/4
2 4126 05	40	120	127	1 1/2
2 4126 06	50	150	155	2

☑ Technical Data

Max. pressure:	16 bar
Max. pressure on the closed valve:	10 bar
Operating pressure from the backflow preventer:	according to DIN EN 13959
Max. operating temperature:	80°C
Max. temperature:	95°C not longer than 1 hour
Valve getting closed right-turned	

Heating water quality according to ÖNORM H5195 or VDI-Standard 2035.
The use of ethylene or propylene glycol in a mixing ratio 25- 50% is allowed.

☑ Material

Body:	DZR brass CC752S
Bonnet:	forged brass CW617N
Spindle:	forged brass CW617N
Handwheel:	plastic, green

Application

For shutting off drinking water installations and circulation pipes in buildings.

Model

The shut off valve out of dezincification resistant brass body with both sides female threaded and non rising spindle. All metals which are getting in touch with drinking water consist of brass, which is suitable for drinking water. Sealing materials consist of physiologically harmless material. The upper part is O-ring sealed in the body. Spindle sealing by elastic double O-ring. 2 bores which are plugged with a screw plug. Green handwheel. Flow Class Vb, product group 1. According to EN 1213.

Further model

2 4115	DN 10-DN 80	STRÖMAX-AW, shut-off valve with rising spindle
2 4117	DN 15-DN 50	STRÖMAX RW and MW, balancing valve with rising spindle
2 4125	DN 15-DN 80	STRÖMAX AWD, shut off valve with non rising spindle

Construction

Flow direction:

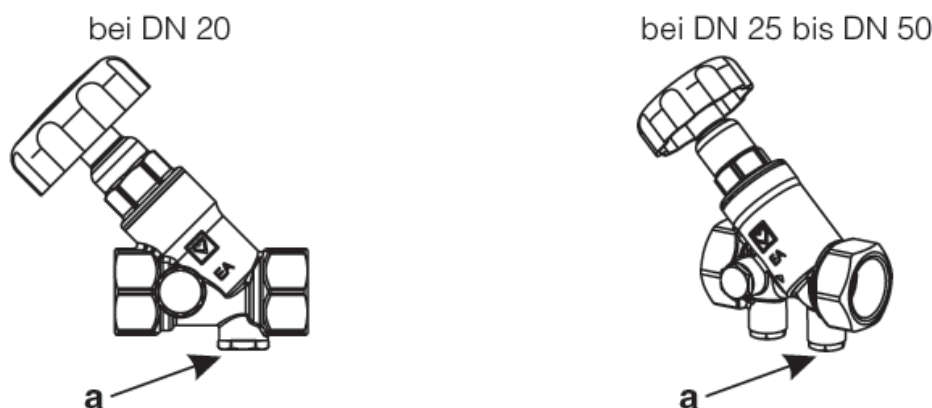
The flow direction is noted on the valve body.

Mounting position:

For every position.

Maintenance

It is recommended to check the function of the backflow preventer once a year. For this functional test, the installation shall be shut off. The next step is to unplug the test point. If it is still working right, out of this opening should just flew the content of the valve.



Accessoires and spare parts

1 0276 09	1/4	drain valve with handle and swivel hose connection DN 10 - DN 50
1 6206 01	1/2	hose connection
1 0273 09	1/4	screw plug, with O-ring seal and hexagon socket screw DN 10 - DN 50
2 6517 00		handwheel green with fixing screw DN 15- DN 50
2 6389 12	DN 20	upper part for inclined model TW with integrated backflow preventer
2 6389 13	DN 25	upper part for inclined model TW with integrated backflow preventer
2 6389 14	DN 32	upper part for inclined model TW with integrated backflow preventer
2 6389 15	DN 40	upper part for inclined model TW with integrated backflow preventer
2 6389 16	DN 50	upper part for inclined model TW with integrated backflow preventer

Warning notices

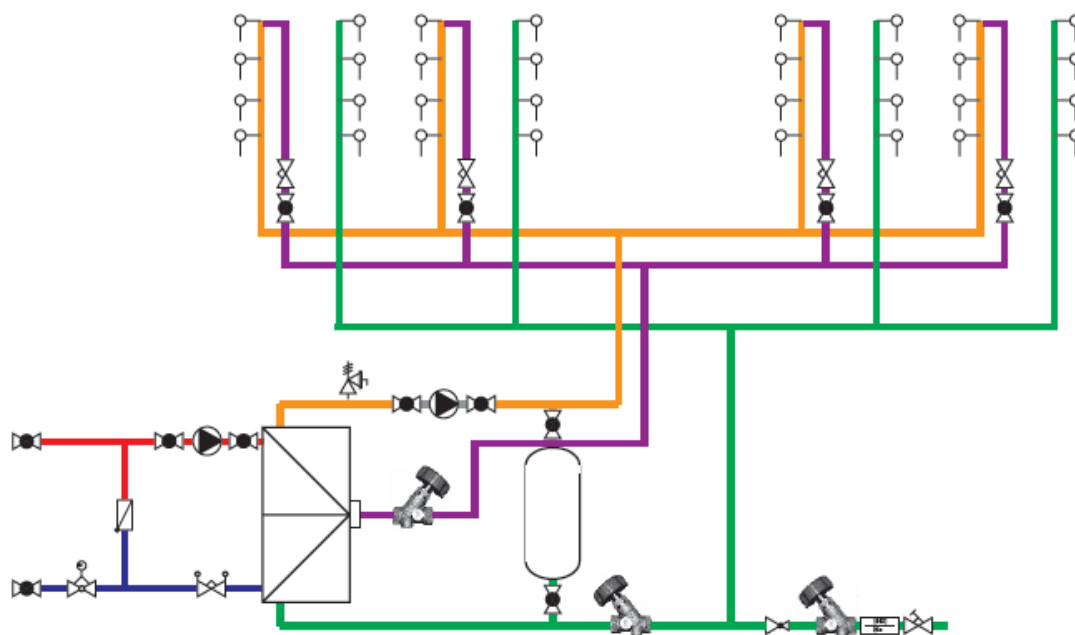
In accordance with the purpose of the valve clean processing is required. Please avoid introducing any dirt into the system when installing the valve. Screw the pipe into the valve and with a suitable

assembly tool taking care to support the valve during tightening to avoid distortion. The installation of the valve should be carried out by competent trained professionals. Sealing materials should be used to seal the connection between the pipe and the valve. If space is restricted, the valve upper part can be removed during installation. When reassembling the upper part excessive tightening of is not necessary, because the upper part is sealed with an O-ring.

☑ Example

Minimal flow value in l/s, Dp 10 kPa according to EN 1213, flow class VB, valve group 1.

Dim	l/s
DN 20	1,00
DN 25	1,75
DN 32	3,00
DN 40	4,00
DN 50	6,75



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