

Tender specification:

Oventrop straight pattern non-return check valve “Aquastrom R” to prevent a back-flow of potable water in distributor systems for potable water. Controllable non-return check valve according to DIN EN 13959 type EA with G ¼ test orifices, bronze, PN 10, T_{max} 95 °C, $P_{opening} \geq 10$ mbar, without dead zone.

Description and function:

The straight pattern non-return check valves “Aquastrom R” prevent a back-flow of potable water in distributor systems for potable water. Due to the low opening pressure of ≥ 10 mbar, the non-return check valves cannot only be used in cold water risers but also in circulation systems to prevent gravity circulation when the pump is not in operation.

The G ¼ test orifices in front of and behind the cartridge allow for a functional control in combination with test cocks. Due to the special shape of the plugs, the valves do not feature a dead zone.

Body made of bronze, collar nut made of brass, O-rings and seals made of EPDM, plastic parts made of POM (polymethylene oxide), spring made of stainless steel.

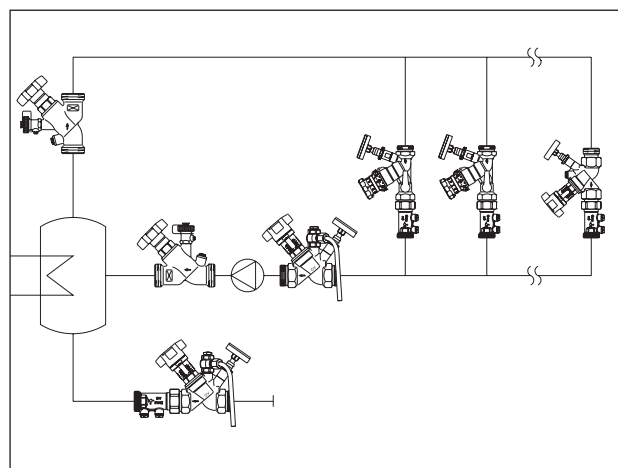
Technical data:

Max. operating temperature:	95 °C
Test pressure:	16 bar
Operating pressure:	10 bar
Installation position:	any, with test orifices preferably pointing downwards

DVGW and SVGW certified.

Installation advice:

The valve is to be installed in the correct direction of flow (see arrow on the body).



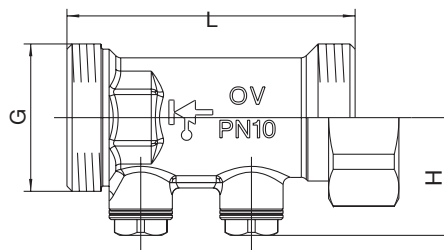
System illustration



“Aquastrom R”

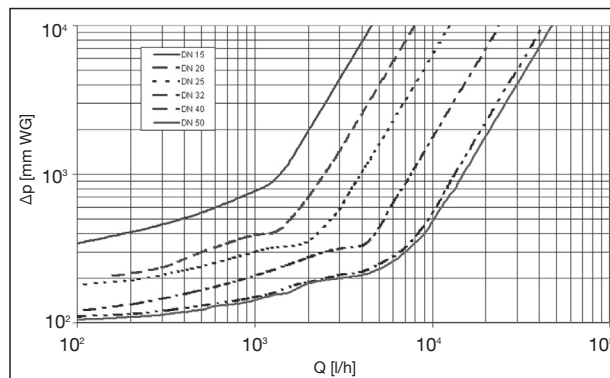
Both ports flat sealing male thread according to DIN ISO 228
DN 15-DN 50 Item no.: 42087 . .

Inlet port: Collar nut flat sealing
Outlet port: Male thread, flat sealing according to DIN ISO 228
DN 15-DN 50 Item no.: 42086 . .



DN	G	L	H
15	¾"	70	29
20	1"	80	32
25	1¼"	82	34
32	1½"	87	37
40	1¾"	95	42
50	2⅜"	115	46

Dimensions



Pressure loss chart

Subject to technical modifications without notice.

Product range 12
ti 216-EN/10/MW
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