



Installation

The ZILMET back flow preventer must be installed on the supply pipes, in a horizontal position with vertical drainage, and in an accessible place to facilitate maintenance and checks along with any possible antifreeze protection.

When assembling the device, make sure the flow direction corresponds with the direction indicated by the arrow on the device itself.

Use the hexagonal tail piece seats to fit the device, and don't squeeze the body with tools that could damage it.

No sealing material should be applied to the thread of the nuts that join the body with the tail pieces, as the seal is guaranteed by internal gaskets.

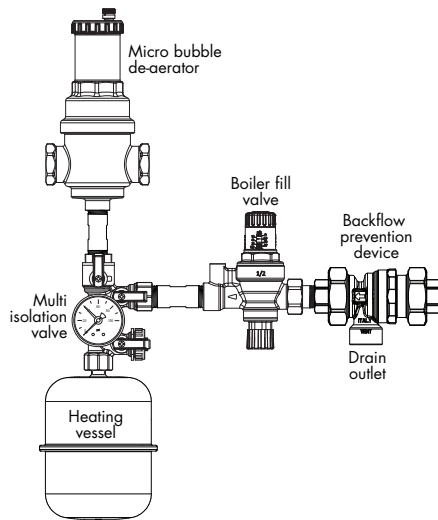
The back flow preventer has a stainless steel mesh filter inside, but correct operation is only guaranteed if another filter is installed first to eliminate any impurities in the water.

The drainage point must be connected to a visible tundish so that any operating faults can be noted immediately.

Any water discharge via the tundish must be piped away to a suitable drain.

You are advised to disassemble the body at regular intervals, to make sure the internal filter is clean.

Typical Installation



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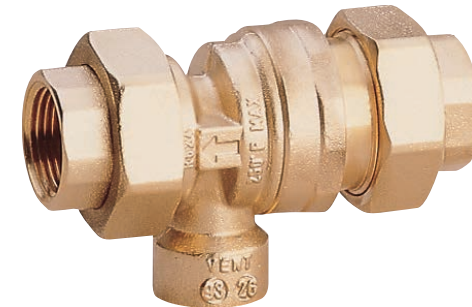
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5-28-2019

ZILMET

Backflow Prevention Device

Installation and Maintenance Instructions



Introduction

The protection of the water supply is fundamental in modern systems.

To protect the supply, it is necessary to install devices in the domestic system to prevent any flow-back of potentially polluted water. These devices are called back flow preventers.

The ZILMET ZU0008 and ZU0009 are non-controllable backflow preventers with different pressure zones (commonly referred to as RPZ valves) and are used upstream from parts of the system which may contain polluted water (e.g. boiler rooms, tanks containing chemical products in a water solution, lab equipment, etc.).

When correctly fitted, the back flow preventer can, for example, stop the heating system water (containing chemical additives) from reaching domestic taps or - even worse - the public water system in the event of reflux due to lower supply pressure or damaged check valves.

Products

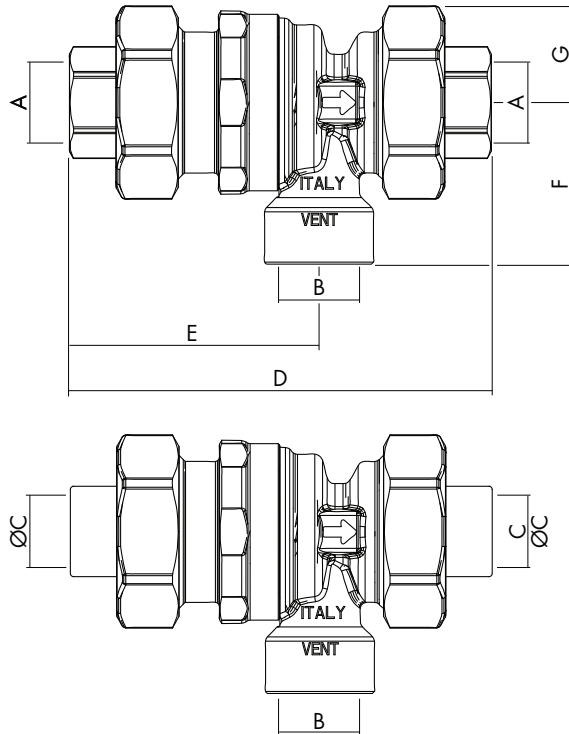
Backflow Prevention Device ½" NPT Threaded Connections

ZU0008

Backflow Prevention Device ½" Solder Ends to ANSI B16.22

ZU0009

Dimensions



Code	A	B	C	ØC	D	E	F	G
ZU0008	½"-14 NPT	½"-14 NPT			4.13"	2.44"	1.57"	0.94
ZU0009		½"-14 NPT	½" Solder	0.63"	4.13"	2.44"	1.57"	0.94

Technical Specification

Fluid:	Water
Temperature range:	41 to 210°F
Maximum working pressure:	175 psi
European compliance;	
UNI EN 1717:	CA Type
UNI EN 1717 Protection against fluid categories:	1, 2 & 3
Incompliance with:	EN 14367

UNI EN1717 "Protection against pollution of potable water installations and general requirements of devices to prevent pollution by backflow"
EN 17367 "Non controllable backflow preventer with different pressure zones. Family C type A"

Flow Data and Cv Values

