

**Water quality must be
our first priority.**



SYR BACKFLOW PREVENTERS

**Dirt and dangerous substances stand
no chance with SYR's Backflow Preventers:
your potable water remains clean.**



Innovative solutions for smart people

Drinking water protection in line with tomorrow's standards

Our drinking water is of vital importance. Of course, this precious good must not come into contact with potentially hazardous fluids. SYR's Backflow Preventers reliably prevent the backflow, backpressure and back siphonage of fluids into the drinking water system whenever potable water systems are connected to non-potable water installations.

SYR Backflow Preventer Type BA 6600 DN 15 to 50

- Three-pressure-zones system
- Integral strainer
- Isolating valves at the inlet and outlet
- Risk protection up to fluid category 4

SYR Backflow Preventer Type BA Mini 6600D DN 15 to 20

- Three-pressure-zones system
- Integral strainer
- Isolating valves at the inlet and outlet
- Risk protection up to fluid category 4

SYR Backflow Preventer Type CA 6800 DN 15 to 20

- Three-pressure-zones system
- Integral strainer
- Risk protection up to fluid category 3



The various Backflow Preventer types offered by the German manufacturer cover all possible applications. A major benefit: SYR's Backflow Preventers already fulfill the high safety requirements laid out in EN 1717. Depending on the requirements, SYR Backflow Preventers are available with or without maintenance stop valves, for flow rates capacities from DN 15 to DN 50 and fluids of different risk categories.

The Backflow Preventer type BA is designed for fluids up to and including class 4 risks and the CA type up to and including fluid category 3. Both are based on a three-pressure-zones system composed of an upstream, intermediate and downstream pressure zone and have an integral strainer.

Fluid categories laid out in EN 1717

Category 1: Water intended for human consumption, drawn off directly from a drinking water installation.

Category 2: Fluids that represent no human health hazard but may show alterations in terms of taste, odour, colour or temperature.

Category 3: Fluids representing some human health hazard due to the presence of one or more harmful substances.

Category 4: Fluids representing a human health hazard due to the presence of one or more toxic or very toxic substances or one or more radioactive, mutagenic or carcinogenic substances.

Category 5: Fluids representing a human health hazard due to the presence of microbial or viral pathogens.

Safe and permanent connections: SYR's Filling-Combis Type BA and CA

SYR's Filling-Combis provide a permanent connection of the heating system to the potable water pipe so that the installation can be filled and refilled automatically. The integral Backflow Preventer reliably prevents potable water from pollution. With pressure reducing valve, isolating valve and outlet pressure manometer.



SYR Backflow Preventers

- Protection of the drinking water quality in each fluid category
- Fulfillment of all requirements laid out in EN 1717
- Three-pressure-zones system
- Integral strainer
- Easy-to-service single cartridge system



Contact us - we will be glad to help you.

