



INDUSTRIAL VALVES

**We also meet big challenges:
Flange filter 6380. BA Backflow Preventer
6600. Pressure reducing valve for flange
connection 6247.**



Efficient building services



Flange filter 6380

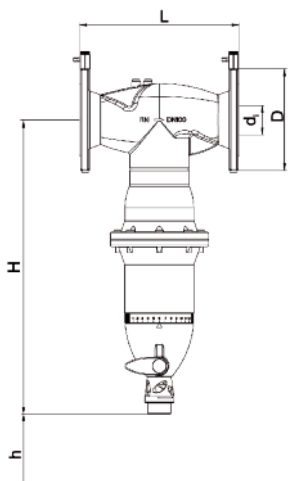
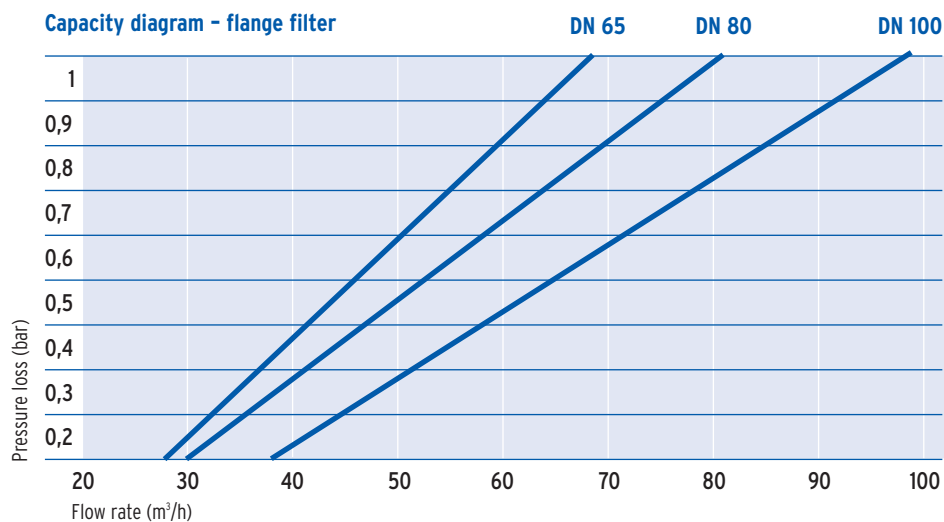
The SYR flange filter 6380 is a high-quality backwash filter for flange connections complying with EN 13443-1 and DIN 19628.

With a tundish to be connected to a DN 50 synthetic pipe, an adjustable maintenance indicator and G 1/4" manometer connections. The flange filter is ready for the connection of a differential pressure switch and can be retrofitted with a battery-powered automatic backwash system. Available in the nominal sizes DN 65, DN 80 and DN 100. Body made of gunmetal and high-quality synthetic material.

Dimensions (mm)

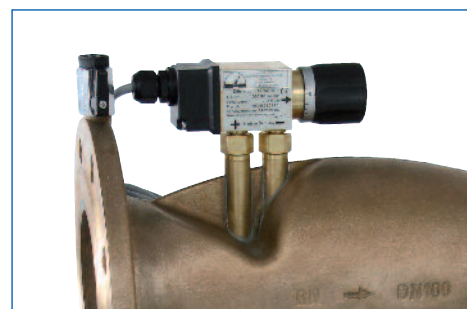
	DN 65	DN 80	DN 100
L	290	310	350
H	648	648	648
h	minimum 310		
D	185	200	220
d	67	80	100

Capacity diagram - flange filter



Technical specifications

Service pressure	min. 2 bar, max. 16 bar
Service temperature	max. 30 °C
Mounting position	Main axis: vertical
Medium	Potable water
Mesh width	90 µm
Flow rate	DN 65: 25 m³/h at 0.2 bar Δp
	DN 80: 27 m³/h at 0.2 bar Δp
	DN 100: 33 m³/h at 0.2 bar Δp
	DN 65: 40 m³/h at 0.5 bar Δp
	DN 80: 46 m³/h at 0.5 bar Δp
	DN 100: 56 m³/h at 0.5 bar Δp
Serial number	6380

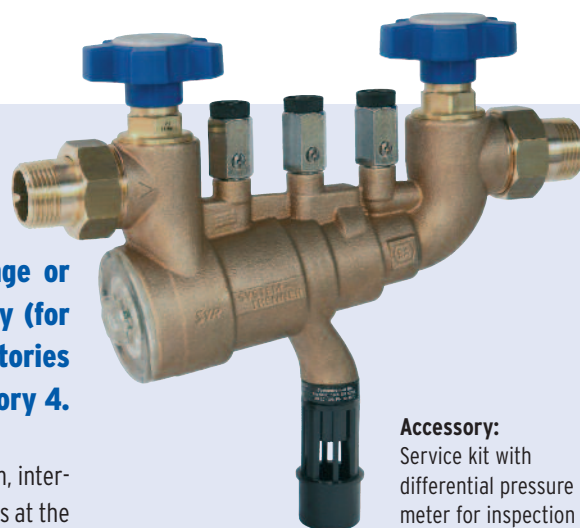


Accessories: Battery-powered automatic backwash system (2316.00.030). A differential pressure switch is also available (6380.00.901).

BA Backflow Preventer type 6600 max

The BA Backflow Preventer 6600 max prevents the backsiphonage or backflow of non potable water into the public potable water supply (for example in printing plants, chemical and food factories or in laboratories and medical technology). Admissible up to and including fluid category 4.

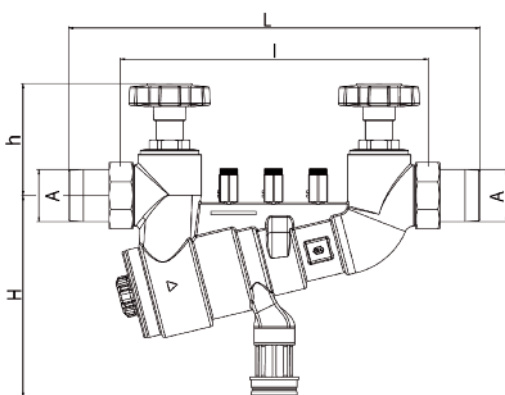
It includes all components under EN 1717 and a 3-zone system with controllable upstream, intermediate and downstream pressure zones. Integral strainer, with or without shut-off valves at the inlet and outlet. Available in sizes DN 32, DN 40 and DN 50. Body made of low-lead, dezincification-resistant gunmetal alloy.



Accessory:
Service kit with differential pressure meter for inspection and maintenance (6600.00.902)

Dimensions (mm)

	DN 32	DN 40	DN 50
L	432	436	454
I	340	340	340
H	231	231	231
h	128	128	128



Technical specifications

Service pressure	max. 10 bar
Service temperature	max. 65 °C
Mounting position	horizontal, tundish connection facing downwards
Medium	Potable water
Flow rate	DN 32: 8.0 m³/h at 1.5 bar Δp
(Stop valve)	DN 40: 13.0 m³/h at 1.5 bar Δp
	DN 50: 21.2 m³/h at 1.5 bar Δp
Serial number	6600

Pressure reducing valve for flange connection 624

The SYR Pressure reducing valve for flange connection 6247 protects water-supplying installations. By compensating and optimizing upstream pressure variations, it effectively prevents damage due to pressure increase.

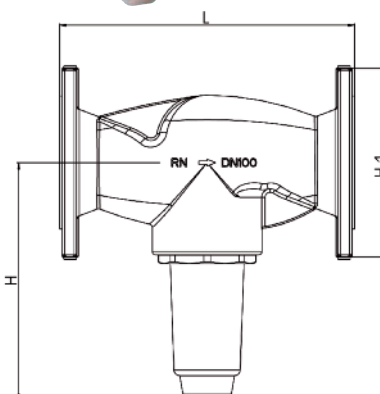
High-quality pressure reducing valve for flange connection in accordance with EN 1567. The special cartridge design allows for any mounting position. The operational parts are placed in the cartridge, which can be replaced without disassembling the valve from the pipe. No special tool is required. The outlet pressure remains unchanged. Available in sizes DN 65, DN 80 and DN 100. Body made of gunmetal.



Accessories:
Pressure gauge 0 - 10 bar (2000.00.906)
Pressure gauge 0 - 25 bar (2000.00.907)

Technical specifications

Service pressure	max. 16 bar
Outlet pressure	1.5 - 6 bar (factory set to 4 bar)
Service temperature	max. 30 °C
Mounting position	Any - preferably with the cartridge facing downwards
Fluids	Water, neutral non-adhesive fluids, neutral gases
Flow rate	DN 65: 24 m³/h at 2 m/s
	DN 80: 36 m³/h at 2 m/s
	DN 100: 56 m³/h at 2 m/s
Serial number	6247



Dimensions (mm)

	DN 65	DN 80	DN 100
L	290	310	350
H	283	283	283
H1	185	200	220

Smart cellars with SYR.



Through our uncompromising research and development work as well as our innovative ideas, we turn domestic installations into well-contrived and perfectly matching systems. Easy installation, long service life, more comfort, reduced water consumption, more safety. And a warranty - as SYR has concluded the assumption of liability agreement with the Central Sanitary, Heating and Air Conditioning Association (ZVSHK). This has resulted in a system that smoothly leads to modern installation solutions for the benefit of both, the trade and the customers.



RESI



PROTECT



IT 3000



Water Softener for heating installations

Valves
from SYR:
Quality made
in Germany



MULTISAFE KLS



DRUFI DFR



DUO DFR



Pressure reducing valve 315



Heating Center Plus



Safety Center



Pressure relief valve



Safety group



SYROBLOC



Filling-Combi



Heating system filter



Filter for flange connection



Registrier-Nr. SO-9001BM6003
DIN EN ISO 9001:2000

