

Finefilter AT 4076A



resideo

Product information

Now available in lead-free version! Fine filter (Resideo F76S-LF) with pressure gauge and drain valve, PN 16/25. Stainless steel strainer insert, mesh size 20-500 microns.

Dimension range (DN)	15 - 50
PN	16 - 25
Temperature (°C)	5 - 70
Main material	Brass

Area of use

For filtering drinking and service water. Fine filter equipped with threads. Suitable for use in larger residential buildings, for example in buildings with old pipes, but also useful for certain industrial applications. Counteracts pitting corrosion where dirt accumulates in pipe bends and valve joints.

AT 4076A is installed:

Where metal or plastic pipes are already in place. In devices that are sensitive to dirt and installed in the system downstream.

Tender text

PMB.211 Strainers

Quality assurance

Product marking: The fine filter is marked with DN, PN, brand, and flow direction arrow.

Energy and environment declaration

Reach date: 1/19/2026 10:34:00 AM

4076A, List of details

Pos	Component	Material
1	Connections	Brass
2	Valve housing	Brass
3	Sieve cup	Plastic
4	Valve with drain	Brass
5	Seals	EPDM (ethylene propylene diene monomer rubber)

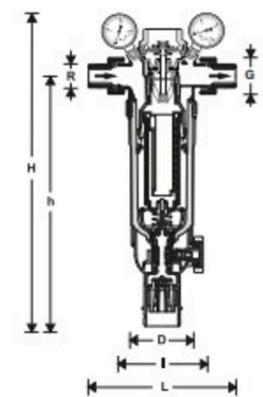


Measurements and weight

Dimension range (DN): 15 - 50

Measurements, 4076A

DN	L	H	D	h	Net weight (kg)
15	170	426	97	350	2.9
20	178	426	97	350	2.9
25	209	439	97	351	3.1
32	222	439	97	351	3.3
40	246	520	120	417	4
50	267	520	120	417	4.8



Function and design

Made of lead-free brass. This dirt filter provides continuously filtered water. Foreign particles in the water, such as rust, lint and sand, are effectively captured in the filter insert, as these particles are larger than the mesh size of the filter insert.

The AT 4076A has a large filter area and the filter insert, which is divided into two parts, is also fully replaceable. Only the lower and larger part has a water flow from the outside to the inside during water filtration. The upper and smaller part does not come into contact with unfiltered water. Until the water supply to the outside stops, the entire filter insert is facing downwards, as the drain valve is open for backwashing. At the same time, the water flow to the upper part of the filter is open. Filtered water is used to clean the filter, as the flow first passes through the upper filter section. The filter automatically switches back to the working position when the drain valve closes

again. A continuous supply of filtered water is also provided during the flushing cycle.

The DN 15-32 filter features ‘Double Spin Technology’ with turbine blades that circulate the water and thus set the rotor in the upper part of the filter in motion. The inner impeller flushes down particles that can get stuck in the filter's upper intersections with the rotor.

The AT 4076A also has the feature of indicating when manual cleaning is required by means of a memory ring located above the drain valve.

Technical data

Main material: Brass

Included materials: Brass, Stainless steel, Plastic

Temperature (°C): 5 - 70

Temperature notes: Ambient temperature 5°C - 55°C

PN: 16 - 25

Connection: External thread ISO 228-1 (G, BSPP)

ETIM classification: EC010151 - Pipeline strainer

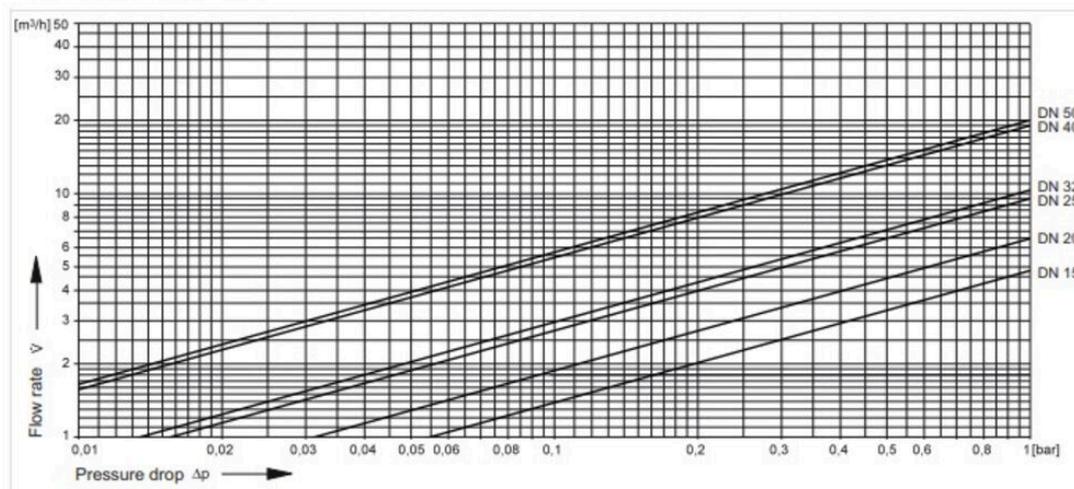
BK04 code: 20704 Filters

IP classification: IP55

kvs-Values

Connection size:	DN15	DN20	DN25	DN32	DN40	DN50
k _{vs} -value:	4.8	6.5	9.5	10.1	19	20

Pressure drop characteristics



4076A, Technical data

DN	KVS	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.
15	4.8	External thread ISO 228-1 (G, BSPP)	1/2	External thread ISO 228-1 (G, BSPP)	1/2

DN	KVS	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.
20	6.5	External thread ISO 228-1 (G, BSPP)	3/4	External thread ISO 228-1 (G, BSPP)	3/4
25	9.5	External thread ISO 228-1 (G, BSPP)	1	External thread ISO 228-1 (G, BSPP)	1
32	10.1	External thread ISO 228-1 (G, BSPP)	1 1/4	External thread ISO 228-1 (G, BSPP)	1 1/4
40	19	External thread ISO 228-1 (G, BSPP)	1 1/2	External thread ISO 228-1 (G, BSPP)	1 1/2
50	20	External thread ISO 228-1 (G, BSPP)	2	External thread ISO 228-1 (G, BSPP)	2

Installation and maintenance

Flowdirection: Uni-directional

Possible mounting position: Horizontal

AT 4076A:

Ensure the flow direction. Flush the system thoroughly. The water supply unit with the filter is installed with the filter insert facing downwards in relation to the flow arrow and horizontal piping. Avoid installing in a bent position. Seal the pressure gauge connection. The fine filter is installed directly after the water meter.

AT 4076A; shut-off valves are installed on both sides of the water meter.

The company's management system
is certified by DNV
ISO 9001 • ISO 14001

Get into the flow

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