



Application:

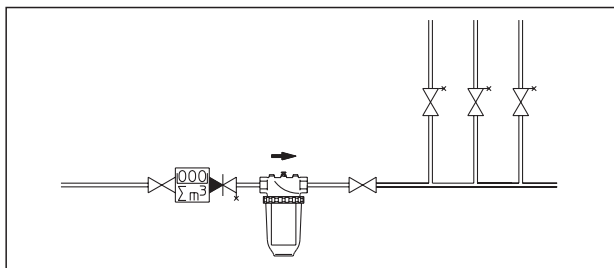
The Oventrop “Aquanova” water filters serve to ensure optimum potable water quality in domestic installations.

General note:

The water supplied by the water authority is clean and free from impurities. However, when passing through the supply pipes, before reaching the consumer, it may be polluted by rust or dirt particles, grains of sand, chalk sediments or installation residues. These residues are often of microscopic size and therefore invisible to the naked eye. They deposit in the pipework and do not only cause contact corrosion within the domestic installation but also affect valves, shower heads, dish washers, water heaters etc. To comply with the requirements of the DIN 1988 standard, a filter according to DIN EN 13443-1 has to be installed directly behind the water meter. Installation of a water filter will in most cases prevent breakdown and costly repairs.

Installation:

The water filter is installed between two isolating valves (in the direction of flow directly behind the water meter). The direction of flow is indicated on the filter head.



Installation has to be carried out according to DIN 1988.

Installation of pressure reducing valves:

If pressure reducing valves are installed, the filter has to be installed in the direction of flow in front of the pressure reducing valve.

Use in hot water systems with copper pipes:

For use in hot water systems in which copper pipes with a cold water pipe made of galvanized steel is superposed, the installation of the water filter for the hot water section of the system is recommended in the cold water supply of the water heater in front of the safety valves.

Assessment of filter contamination:

Depending on the model, the filter contamination can be assessed as follows:

1. by visual control of the filter with transparent filter cup
2. with the help of pressure gauges for water filters with brass cup. To assess the degree of contamination via the pressure loss within the filter, measurement has, however, to be carried out at full flow.



“Aquanova Compact”

**Water filter “Aquanova Compact”
with transparent plastic filter cup (Trogamit T), PN 16:**

- DVGW and ACS certified
- without dead zone
- for horizontal pipe installation
- body made of bronze or brass
- compact construction with high flow capacity
- even in case of lower flow rates, the whole filter is flushed, i.e. there is no stagnant water remaining in the filter
- mesh size 100 – 120 µm
- max. water temperature 30 °C
- flow rate of 4.3 m³/h with a pressure loss of 0.2 bar and a maximum load on the filter surface of 0.025 m³/h · cm²

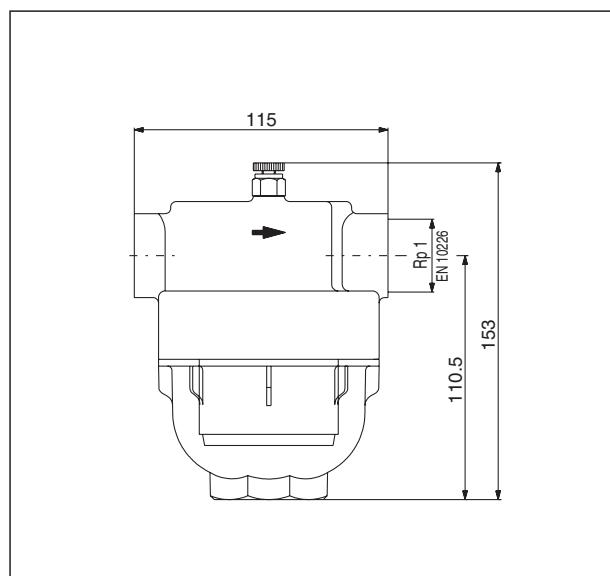
Construction:

- both ports female thread Rp 1 EN 10226 (brass) or both ports male threaded tailpipes, EN 10226 (bronze)
- filter insert: plastic body covered with nylon mesh
- filter head and venting plug made of brass
- filter cup screwed into the filter head, with O-ring seal

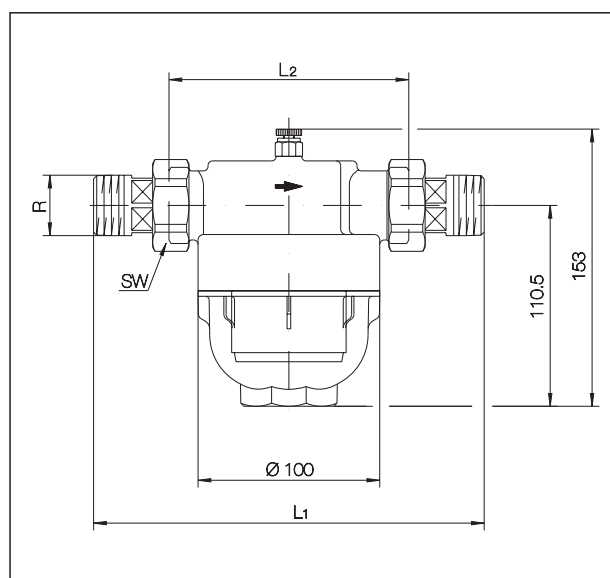
“Aquanova Compact” both ports with male threaded tailpipes

DN	L ₁	L ₂	R	SW*
20	216	132	G ¾	46
25	216	132	G 1	46
32	234	138	G 1¼	52

*SW = Spanner size



Dimensions “Aquanova Compact”
Item no.: 6120508 (DN 25), brass



Dimensions “Aquanova Compact”
Item no.: 6122506-10 (DN 20 – DN 32), bronze

**Water filter "Aquanova Magnum"
with transparent plastic filter cup (Trogamit T), PN 16:**

- DVGW and ACS certified
- without dead zone
- for horizontal pipe installation
- large filter surface
- mesh size 95 – 140 µm
- max. water temperature 30 °C
- flow rate according to DVGW test at $\Delta p = 0.2$ bar
 - for DN 20 5.0 m³/h
 - for DN 25 8.3 m³/h
 - for DN 32 11.2 m³/h
 - for DN 40 11.2 m³/h
 - for DN 50 13.1 m³/h

Construction:

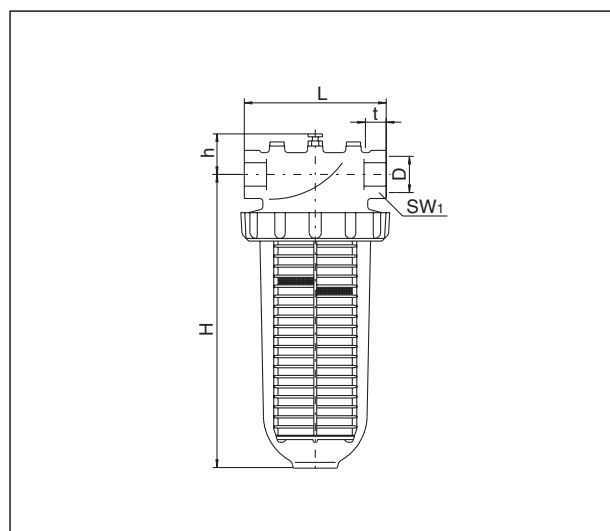
- Filter insert: Plastic body covered with mesh
- Filter head and venting plug made of brass
- Filter cup with collar nut and O-ring seal

**Water filter "Aquanova"
with replaceable filter insert:**

Regular maintenance is essential for a trouble-free operation of the water filter. The frequency of replacement of the filter insert depends on the pollution of the water. For hygienic reasons, replacement of the filter insert is prescribed at least every 6 months. If no bypass exists, the water supply will be interrupted during maintenance.

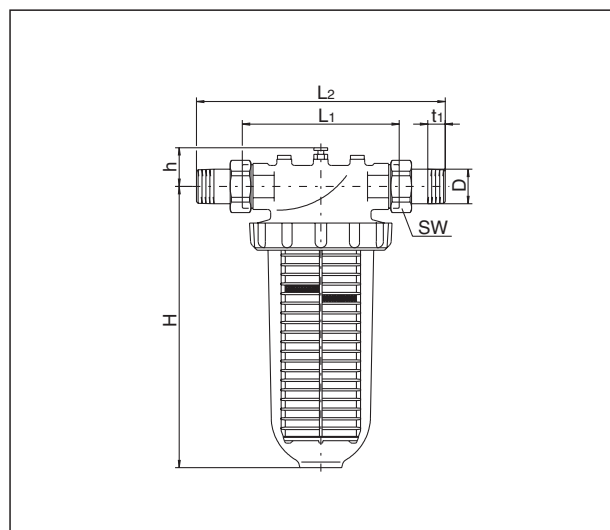
Advantages:

- high pressure resistance PN 16
- high operating safety due to rugged construction
- all water filters are DVGW and ACS certified
- easy installation, handling and maintenance, i.e. time- and cost-saving
- easy control of the degree of contamination via the transparent filter cup or pressure gauges
- most materials may be recycled



"Aquanova Magnum"

Item no.: 6120008-16 (DN 25 - DN 50)



"Aquanova Magnum"

Item no.: 6122006-10 (DN 20 - DN 32)

DN	H	h	L	L ₁	L ₂	D EN 10226	t	t ₁	SW*	SW ₁
20	268	41	–	125	192	R ¾	–	14.5	–	37
25	268	41	130	130	223	R (Rp) 1	19.1	16.8	46	46
32	268	41	135	135	253	R (Rp) 1¼	21.4	19.1	46	52
40	278	45	150	–	–	Rp 1½	21.4	–	55	–
50	284	52	160	–	–	Rp 2	25.7	–	68	–

Dimensions

*SW = Spanner size

Accessories:

**Water filters “Aquanova Compact”
item no.: 61008 and 6122506/08/10**

	Item no.:
Venting screw, brass, DN 6, G 1/8 male thread	1109001
Filter insert 100 – 120 µm DIN-DVGW tested, hygienically packed	6120591
Filter cup made of Trogamid T	6120581
O-ring for filter cup	6120595
Special key to loosen the filter cup	6124100

Accessories:

**Water filters “Aquanova Magnum”
item no. 612 00 and 61220**

	Item no.:
Venting screw, brass, DN 6, G 1/8 male thread	1109001
Blind plug with ring gasket DN 6 G 1/8	6127200
2 pressure gauges with ring gasket for all sizes DN 6 G 1/8	6127000
Special key to loosen the filter cup	6124000
Collar nut	6125000
O-ring for filter cup	6126000
Filter cup made of Trogamid T	6125400
Filter cup made of brass	6125500
Filter insert, 95-140 µm, one-piece, hygienically packed, DIN-DVGW tested	6125101
<u>Filter inserts for industrial use</u>	
Filter insert, 80-120 µm, multi-piece, hygienically packed	6125100
Filter insert, 250-280 µm, multi-piece	6125161
Filter insert, 800-1000 µm, multi-piece	6125163
Body with collar	6125200
Mesh, 80-120 µm, hygienically packed	6125300
Mesh, 250-280 µm	6125361
Mesh, 650-800 µm	6125363

Subject to technical modifications without notice.

Product range 8
ti 96-EN/10/MW
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