PULIFIL
Semi-automatic self cleaning filter

✓ robust and compact
✓ cartridge brushing system and dirty discharge in a single operation
✓ excellent courses
✓ calendar date marker to indicate the sanitation cycle

CHARACTERISTICS

PuliFIL is a semi-automatic self-cleaning filter with high flow rate, With a patented brushing system, cleaning of the filter and a discharge of the dirt at the same time.

PuliFIL is made with brass head with threads according to EN 10226-1 and EN 228-1. The bowl is made of Grilamid® (high strength polyamide) and nylon cleaning brushes.
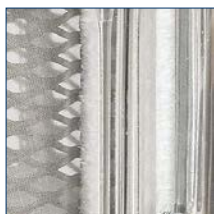The cartridge is made of stainless-steel. The specific structure of the filtering cartridge makes it resistant to pressure shock eliminating problems of deformation and crushing.
1" ½ and 2" models are equipped with 2 pressure gauges, tangs and nuts.

The cleaning of the PuliFIL is easy and immediate: it is enough to rotate clockwise the upper knob.
Raw water filtration occurs from OUT to IN of the stainless-steel cartridge.

For maintenance and sanitation interventions, it is possible to contact the industry professionals.

Cleaning of filtering cartridge

The filter is equipped with 5 brushes for cleaning the filter cartridge; the brushes can be equipped with silver wire to prevent bacterial proliferation inside the filter

Calendar date marker

WHAT WE SUPPLY

PuliFIL is packed in a cardboard box; inlet and outlet connections on filter head are supplied with sealing caps preventing any contamination; they need to be removed before installation.
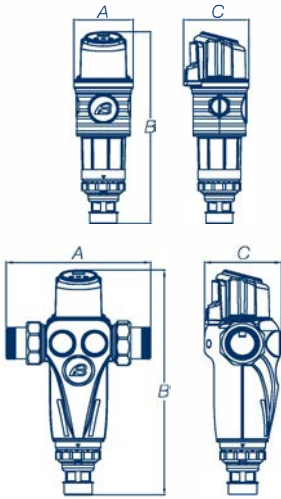Standard supply includes PuliFIL filter, bag with brass connections kit (only for units with 1 ½" – 2" connection), instructions for use - maintenance - assembly - installation (including declaration of conformity).

Code	Connections	Flow rate (Δp = 0,5 bar) m³/h	Filtration grade µm	Min/max pressure bar	Pieces per package	Kg. per package
FT010	¾" F	6,4	89	1,5 - 16	8	11
FT012	1" F	9,6	89	1,5 - 16	8	11
FT014	1"¼ F	10,6	89	1,5 - 16	8	14
FT016	1"½ M	22,0	89	1,5 - 16	4	20
FT018	2" M	22,6	89	1,5 - 16	4	20

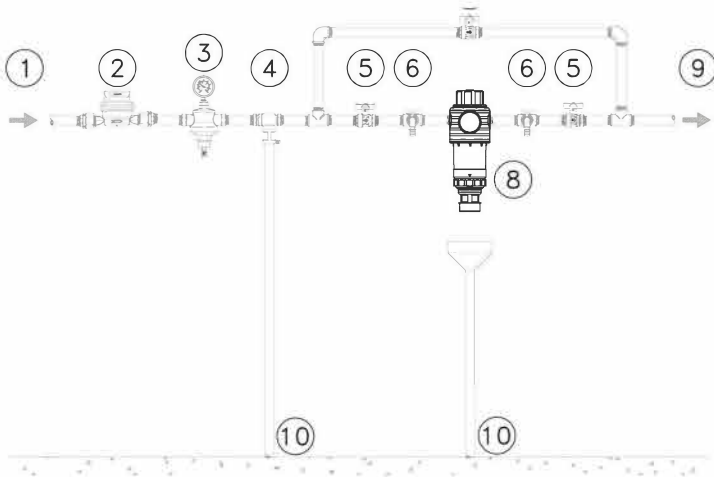**Remark**: upon request 30 – 50- and 150-micron filtration rating available
When placing orders, please specify the filtration required rating after the product nr. E. g. FT012-50. Price will not vary

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OVERALL DIMENSIONS EXPRESSED IN MM

Code	Width - A	Height - B	Depth - C
FT360	110	366	122
FT362	110	366	122
FT364	110	366	122
FT366	265	416	140
FT368	265	416	140

EXAMPLE OF INSTALLATION SCHEME

Legend

1. Raw water inlet
2. Main water meter
3. Pressure reducer (if any)
4. Disconnector (if any)
5. Shut-off valve
6. Samplingtap
7. By-pass valve
8. PuliFIL filter
9. Treated water outlet
10. Discharge

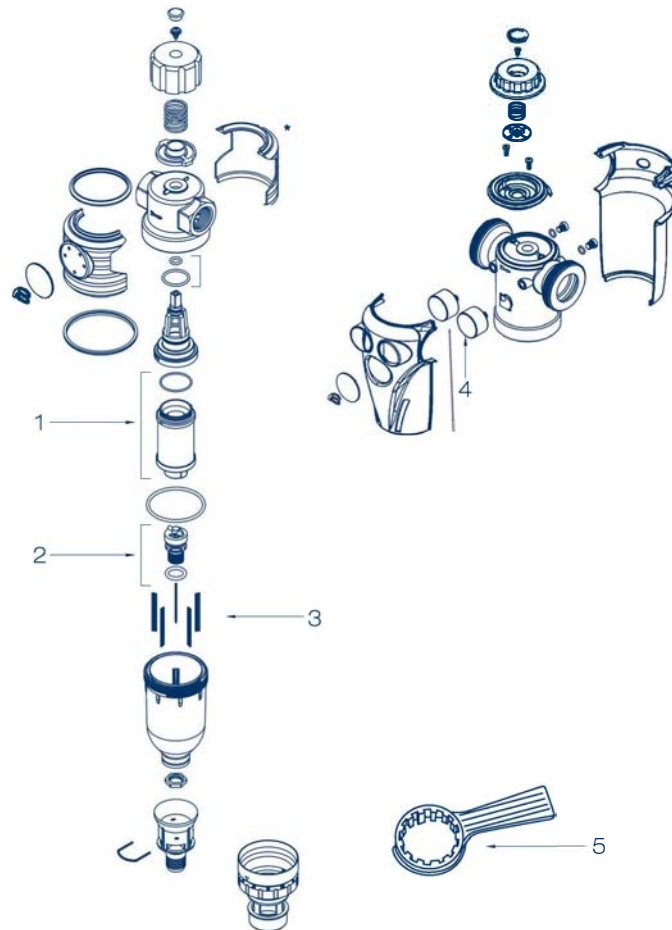## GUIDELINES FOR CORRECT MAINTENANCE

The correct operation and duration of the equipment over time depend on correct installation, proper use and methodical application of the maintenance instructions supplied.

First year	Second year	Third year	Fourth year	Fifth year
CARTRIDGE ASSEMBLY	CARTRIDGE ASSEMBLY	CARTRIDGE ASSEMBLY	CARTRIDGE ASSEMBLY	CARTRIDGE ASSEMBLY
Cleaning	Cleaning	Cleaning	Cleaning	Change if necessary
SANITATION INTERVENTION	SANITATION INTERVENTION	SANITATION INTERVENTION	SANITATION INTERVENTION	SANITATION INTERVENTION
Annually or for periods of inactivity exceeding 30 days	Annually or for periods of inactivity exceeding 30 days	Annually or for periods of inactivity exceeding 30 days	Annually or for periods of inactivity exceeding 30 days	When replacing the cartridge Annually or for periods of inactivity exceeding 30 days

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RECOMMENDED SPARE PARTS

Pos.	Code	Description		Q.ty
1	99022009	Cartridge assembly 100 µm - ¾" - 1" - 1" ¼	(standard)	1
	99003002	Cartridge assembly 30 µm - ¾" - 1" - 1" ¼		1
	99003003	Cartridge assembly 50 µm - ¾" - 1" - 1" ¼		1
	99003010	Cartridge assembly 150 µm - ¾" - 1" - 1" ¼		1
	99003005	Cartridge assembly 100 µm - 1" ½ - 2"	(standard)	1
	99003006	Cartridge assembly 30 µm - 1" ½ - 2"		1
	99003009	Cartridge assembly 50 µm - 1" ½ - 2"		1
	99003011	Cartridge assembly 150 µ - 1" ½ - 2"		1
2	99022001	Drain assembly with o. ring		1
3	24022002	Brush L. 61 - ¾" - 1" - 1" ¼		5
	99022005	Brush L. 61 - ¾" - 1" - 1" ¼	(DVGW version)	5
	24022003	Brush L. 123 - 1" ½ - 2"		5
	24022002ARG	Brush L. 61 with silver threads - ¾" - 1" - 1" ¼		5
	24022003ARG	Brush L. 123 with silver threads - 1" ½ - 2"		5
4	23022032	Front pressure gauge Ø 40		2
5	01022020	Key for sump opening		1

CONSUMABLES AND MAINTENANCE

Code	Description	Q.ty
48170005	KIT SANITY Sanitizing product for sanitation processes 1 Kg. can - 4 Kg. pack	1
48105016	PEROXIDE ANALYSIS KIT for KIT SANITY The kit allows you to check whether the sanitation was done correctly	1
48500007	Food grade silicone suitable for the lubrication of mechanical parts and o.rings	1

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