

Smart Mag - Filter

Innovative Design (126mm length)

New

MAGNET
Neodimium Magnet

FILTER
Stainless Steel AISI304 (800µm)

EFFECTIVE
Particles Collection

VISUAL CONTROL
Through the transparent
collection container

CONNECTIONS
3/4" Fem. x 3/4" swivel nut

EMBEDDED
Ball valve 3/4"

10 YEARS
GUARANTEE

HOT FORGED BRASS

Brass CW617N

COLLECTION CHAMBER

Polysulfone (PSU)

MAXIMUM

Operating pressure 6 bar

OPERATING

Temperature Max 95°C

CONNECTIONS

3/4" Fem. x 3/4" Male



SPECIAL FEATURES

Operating Temperature	0 - 95°C
Maximum Operating pressure	6 bar
Compatible Fluid	water, water & glycol
Magnets	Neodymium N48
Filter Cartridge	AISI304 (800µm)
Chamber capacity	180 ml
Connections	ISO 228 / (3/4" Male x 3/4" Fem.)



CHROME Plated

CODE	CONNECTION	GUARANTEE
2019	3/4" Male x 3/4" Fem.	10 YEARS



WHITE Electrostatic

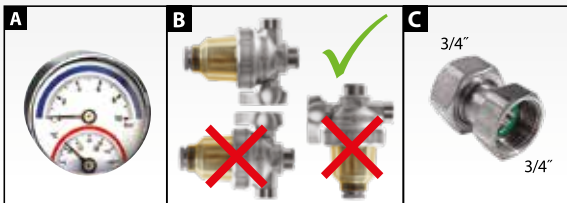
CODE	CONNECTION	GUARANTEE
2020	3/4" Male x 3/4" Fem.	10 YEARS

INSTALLATION

The filter must be installed in the circuit according to the flow direction of the arrow on the brass body. It is recommended to be placed in the return of the heating network, before the boiler.



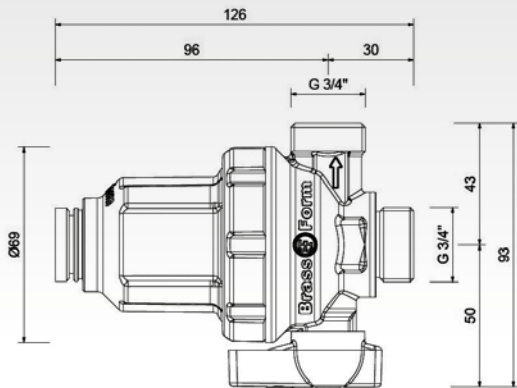
- A** When installing or uninstalling the filter the water in the circuit should always be cold and without pressure.
- B** It should always be placed in a vertical position with the discharge tap looking downwards.
- C** The packing includes a 3/4 swivel nut which allows the connection to the boiler or in wall-mounted supply using a flexible connection spiral.

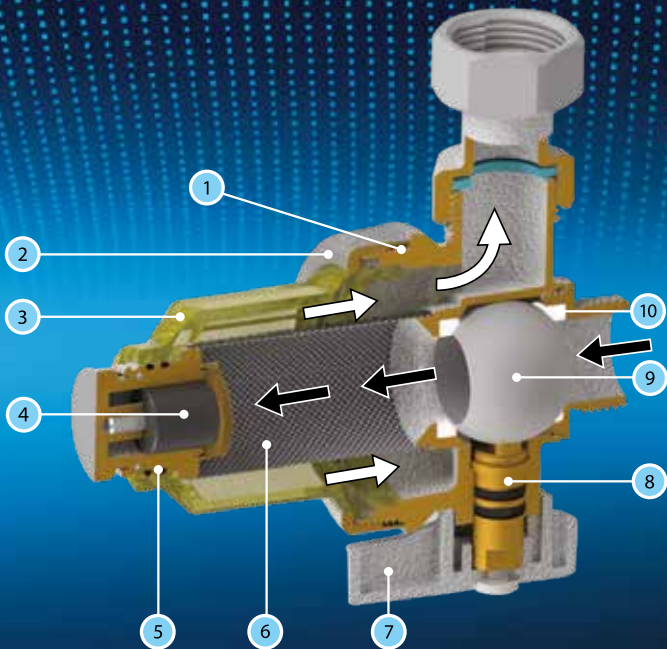


TECHNICAL FEATURES

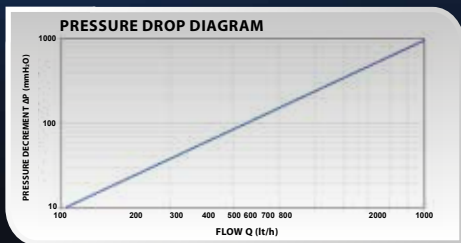
- 1 Filter Main Body**
Hot Forged Brass (cw617N)
- 2 Locking Nut**
Hot Forged Brass (cw617N)
- 3 Collection Chamber** Polysulfone (PSU)
- 4 Magnet** Neodymium N48
- 5 Orings** NBR
- 6 Filter Cartridge** steel AISI304 (800µm)
- 7 Handle** Thermoplastic ABS polymer
- 8 Spindle** Brass (cw614N)
- 9 Ball** Brass (cw614N), Polished, chromium plated
- 10 Ball Seats** Protogenic PTFE

DIMENSIONS





Kv: 3.3 (m³/h)




MAINTENANCE

Particle concentration on the filter reduces water supply to the plant while cleaning serves for proper circuit operations as well as a longer service life of the installation and the boiler.

The design of the Smart Mag Filter makes maintenance and cleaning extremely fast and accessible. The control before the maintenance can be visual through the transparent container.

ATTENTION

To avoid any leakage, it is recommended that maintenance and cleaning works should be carried out by an authorized plumber. The boiler should be turned off and the fluid inside the circuit must reach room temperature to avoid burns. 

- 1 Turn off the valve.
- 2 Unscrew the safety fitting.
- 3 Remove the transparent collection chamber.
- 4 Unscrew and remove the magnet to demagnetize the particles.
- 5 Remove the stainless steel filter and clean it with water.

**Safety
Warning**



The symbol reference to present of powerful magnetic field. This equipment can produce pulsed magnetic fields and at close proximity which may affect implanted medical devices.

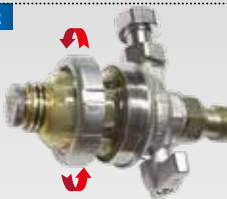
OFF

Deactivate the Boiler

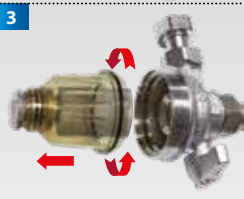
1



2



3



4



5



6 To set the Smart Mag Filter again in function ,perform the same process reversed and switch on the boiler.

**Activate
the Boiler**

ON

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Innovative Design (126mm length)



VISUAL Maintenance Control
BUILT - IN Valve 3/4"
MAX Pressure 6 bar
MAX Temperature 95°C
CONNECTIONS 3/4" Fem. x 3/4" M.




MAGNET Neodymium N48
EFFECTIVE Particle Collection
FORGED Brass CW617N
FILTER CARTRIDGE AISI (800µm)
CONNECTION Swivel Nut

New!

Magnetic Filter



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