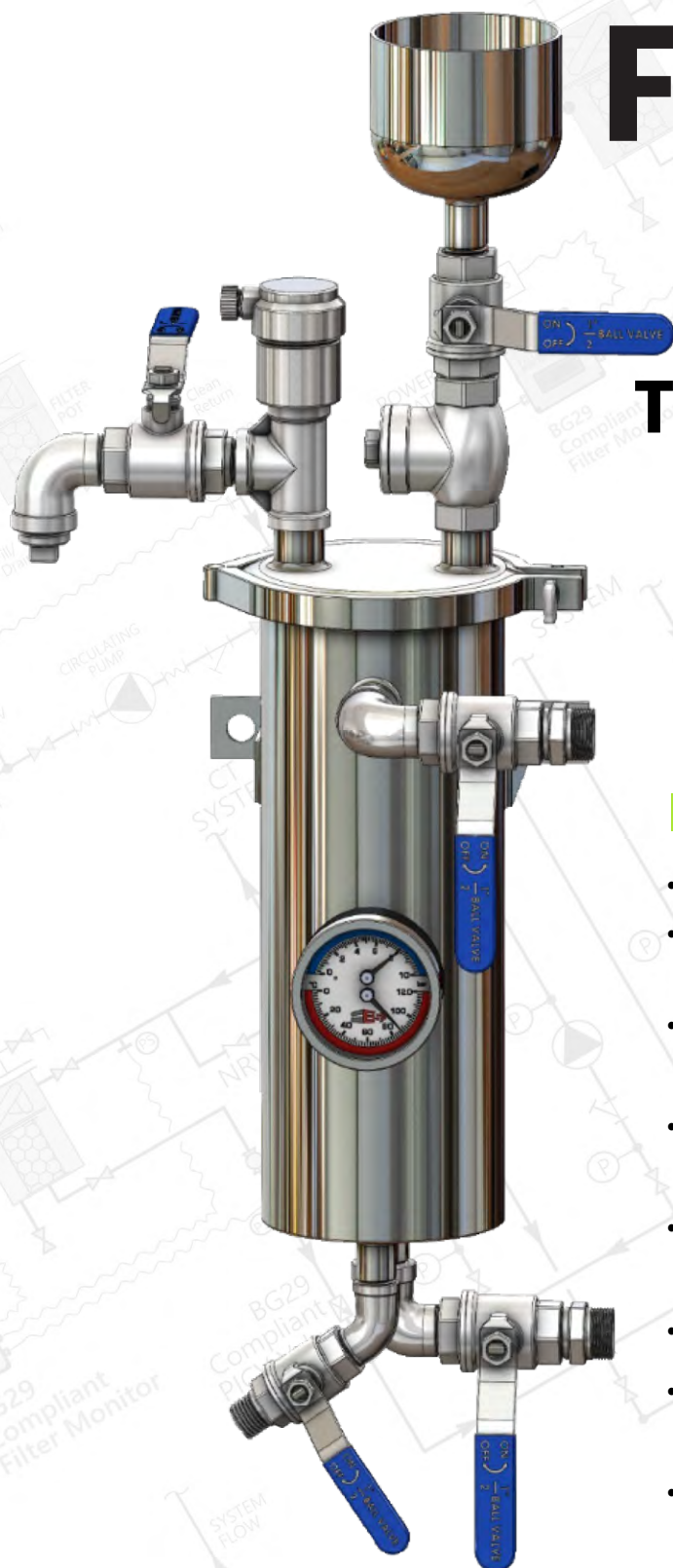


FILTER POT MICRO

FLOWIO
SUSTAINABLE BUILDING SOLUTIONS



THE ALL-IN-ONE SIDE STREAM FILTER AND DOSING UNIT

INCORPORATING:

- BSRIA compliant side stream filtration
- BSRIA compliant dosing pot with 2.1L capacity
- Magnetic particle removal with rare earth magnets
- Non-magnetic particle removal with 3-stage depth cartridge filtration
- Anti-microbial cartridge filtration range: 20µm, 5µm and 0.5µm
- Air removal, including micro-bubbles
- All stainless steel construction, including all valves and fittings
- Suitable for systems up to 12,500L, 4Bar working pressure and maximum working temperature up to 90°C
- Unique drain and fill feature
- Combined temperature and pressure gauge as standard
- Insulation jacket included

DID YOU KNOW?

Side-stream filtration is suitable for most systems and strongly recommended for systems over 2,500 litres. (BSRIA BG29)

In Partnership With



THE POWER AND BSRIA COMPLIANCE OF THE FILTER POT MICRO



The Filter Pot complies with the intent of the BSRIA Guidelines BG29/2020 and BG50/2021

Description	BG29 Section	BG50 Section
Side Stream Filtration	2.3.8	3.4.2 & 5.3
Chemical Dosing	2.3.8 & 7.2.6	3.4.3
Corrosion Inhibitor Treatment		5.1.3
Magnetic Filtration	2.3.8	5.3.2
Disposable Media Filtration		5.3.3
Passive Deaeration		5.4.1
Fill Water Pre-Treatment	4.3.4	3.4.1
Solids Removal & Filtration	2.3.8	3.4.2
Bacteria & Bio-fouling Inhibition	2.3.8	4.2 & 5.2
CPD Dynamic Filling	6.1	
Maintenance & Inspection	7.3	3.4.4
Dynamic Flushing Procedure	5.2.1	
On-Line Cleaning	2.3.8	6.4.1

DID YOU KNOW?

There's a simple reason why the All-In-One FILTER POT MICRO is the number 1 choice. It contains ALL the functions of Dosing Pots, Dirt & Air Separators, Magnetic In-Line Filters and Cartridge Filters, including the many other features within the BSRIA Guidelines as listed above.



DID YOU KNOW?

"Magnetic filtration is frequently used on small heating systems to remove abrasive iron-oxides (magnetite) from circulating water. In larger systems, some form of side-stream filtration (that can remove solids) is preferred." (BSRIA BG29)

FILTER POT MICRO



PRODUCTION CODE:
FPM202010



FLOWIO REFERENCE:
FILTER POT MICRO



DESCRIPTION:
FILTER POT MICRO
Side Stream & Filtration Unit



Tundish for dosing water treatment chemicals

SS Auto Air Vent removes system gasses and microbubbles, lowering the rate of system corrosion

Manual Air Vent used during the speedy dosing of water treatment chemicals

Magnet Grate, Baffle Plate and Anti-Microbial Cartridge Filter all located within the vessel

Wall Mounting Bracket for quick, easy and sturdy installation

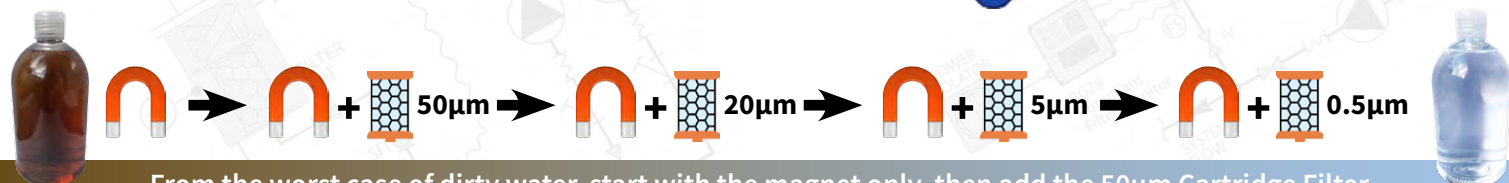
A 0.5µm Anti-Microbial Filter is supplied standard with the unit.

Combined Pressure and Temperature Gauge

Unique Drain and Fill Feature
Guaranteed drainage even when the Cartridge Filter is blocked. System filling feature using the Anti-Microbial Cartridge Filter as a pre-treatment filter

Dirty Water In Connection
Dirty system water enters the Filter Pot

Clean Water Out Connection
Cleaned water exits the Filter Pot



From the worst case of dirty water, start with the magnet only, then add the 50µm Cartridge Filter and by working your way down to the 0.5µm Cartridge Filter to achieve a polished clear water sample.