



Water Pre-Filter

Eco-friendly fine filter

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Product specification sheet

Application

Water Pre-Filter ensure a continue supply of filtered water. The fine filter stops the flow of particulates, for example rust particles, strands of hemp, or grand of sand.

Eco-friendly product, sediment collected at the bottom of the filter bowl can simply be removed by flushing with the flick of a finger, no consumables abandon

Compact in size, these filters were designed to fit where space is limited.

Appreciated for features like filter sediment, filter cleaning scraping, time indicator, and water treatment (POWER-PHOS) install for water soften and auto-clean equipment for option.

Special Feature

- Easy installation
- Reliable and solid
- Eco-friendly product, no consumables abandon
- Continue supply of the filtered water, also during rinse cycle
- Shock resistant clear synthetic material filter bowl enables easy inspection of filter contamination
- Filter bowl and sieve easily exchanged and cleaned

- Mechanical scraping device, scrap & clean filter more thorough
- Time indicator in bottom side to remind washing cycle
- Water treatment (POWER-PHOS) and auto-clean equipment for option

Range of Application

Medium water

Technical Data

Installation position

Horizontal with filter bowl downwards

Operating pressure

Maximum 8 bar (GT-01/02 series) / 16 bar (GT-03/04 series)

Operating temperature

Maximum 40°C

Connection sizes

1/2" (GT-01/02 series), 3/4" & 1" (GT-03/04 series)

Construction

The fine filter comprises :

- Threaded connections
- Fine filter in clear filter bowl
- Ball valve
- Housing with female and male threads (GT-03/04 series)

Material

- Body and filter bowl are engineering plastic (GT-01/01A)
- Body of plastic steel (GT-02/02A)
- Body of dezincification resistant pressed brass (GT-03/04 series)
- Brass threaded male connections
- Stainless steel fine filter
- Shock-resistant, clear synthetic material filter bowl (GT-02/03/04 series)

Method of Operation

The fine filter is composed of a body and a rinsable fine filter insert. During normal operation, water flows through the filter mesh to the body outlet. To rinse the filter, the ball valve is opened which removes the direct particles. A continuous supply of filtered water is available also during the rinse cycle.

Accessories

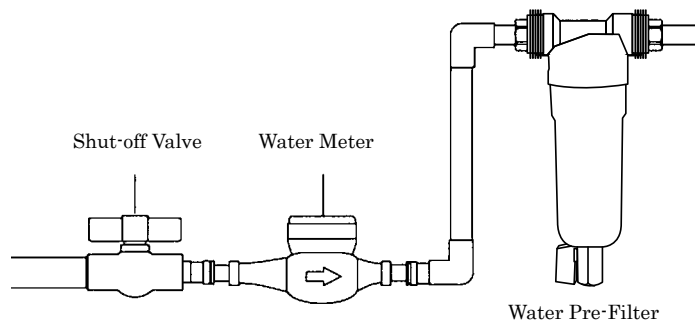
Double ring wrench / For removing filter bowl

Drain line connector / Connecting drain pipe tube

Connection set (GT-03/04 series) /

2 sets of threaded unions to connect main water supply tube

Installation Example



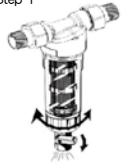
Installation Guidelines

- Install in horizontal pipework with filter bowl downwards
 - This position ensures optimum filter efficiency
- Fit shut-off valve
 - Degree of contamination can well be seen through clear filter bowl
 - Simplifies maintenance and inspection
- Fit immediately after water meter
- Please do not impact filter bowl during installation and maintenance

Maintenance Procedure

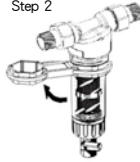
For aggressive application, maintenance will be necessary for each annual. Remove filter bowl and fine filter to clean.

Step 1



Scrape and drain

Step 2



Separate bowl

Step 3



Pick up filter set

Step 4



Clean filter

Step 5



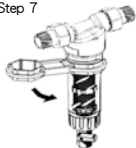
Insert bowl

Step 6



Align position

Step 7



Lock bowl

Typical Application

Water Pre-Filter is suitable for all types of household installation. It can also be used for commercial and industrial application within the limits of their specification.

※Installation suggestion :

- Where no pressure reducing valve is required (maximum 5 bar static pressure)
- Where a pressure reducing valve is already fitted but cannot be retrofitted with a filter



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