

# IMRITA

WHOLE HOUSE WATER FILTRATION SYSTEM

WHOLE-HOUSE WATER FILTRATION  
PRODUCT SERIES

# PRE-FILTER





## IMT-M2

Product Size:  $\Phi 87 \times 220$ (mm)  
Color: Gray  
Filtration Accuracy:  $40\mu\text{m}$   
Pure water flow:  $3.0\text{m}^3/\text{h}$   
Inlet/Outlet size:  $1/2"$   
Water temperature:  $5^\circ\text{C} \sim 38^\circ\text{C}$   
Working pressure:  $0.1 - 1.0\text{MPa}$   
Feed water source: Municipal tap water  
Flush method: Manual Flush  
Material: Housing: Food Grade Plastic  
Strainer: SUS 316  
Packing Size:  $660 \times 545 \times 425$ mm (24pcs/ctn)  
G.W: 26.20KGS/CTN



## IMT-M3

Product Size:  $135(\text{L}) \times 125(\text{W}) \times 359(\text{H})$ mm  
Color: Gray  
Filtration Accuracy:  $40\mu\text{m}$   
Pure water flow:  $5.0\text{m}^3/\text{h}$   
Inlet/Outlet size:  $3/4"$  or  $1"$   
Water temperature:  $5^\circ\text{C} \sim 38^\circ\text{C}$   
Working pressure:  $0.1 - 1.0\text{MPa}$  (  $14.5 \sim 145\text{psi}$ )  
Feed water source: Municipal tap water  
Flush method: Manual Flush  
Material: Housing: Food Grade Plastic  
Strainer: SUS 316  
Packing Size:  $585 \times 413 \times 585$ (mm) (9pcs/ctn)  
G.W: 23.90KGS/CTN



## IMT-M4

Product Size:  $\Phi 115 \times 350$ mm  
Color: Gray  
Filtration Accuracy:  $40\mu\text{m}$   
Pure water flow:  $6.0\text{m}^3/\text{h}$   
Inlet/Outlet size:  $3/4"$   
Water temperature:  $5^\circ\text{C} \sim 38^\circ\text{C}$   
Working pressure:  $0.1 - 1.0\text{MPa}$  (  $14.5 \sim 145\text{psi}$ )  
Feed water source: Municipal tap water  
Flush method: Manual Flush  
Material: Housing: Food Grade Plastic  
Strainer: SUS 316  
Packing Size:  $624 \times 512 \times 440$  mm (9pcs/ctn)  
G.W: 28.8KGS/CTN



## IMT-M4+

Product Size:  $188 \times 117 \times 240$  mm  
Color: Gray  
Filtration Accuracy:  $40\mu\text{m}$   
Pure water flow:  $6.0\text{m}^3/\text{h}$   
Inlet/Outlet size:  $3/4"$   
Water temperature:  $5^\circ\text{C} \sim 38^\circ\text{C}$   
Working pressure:  $0.1 - 1.0\text{MPa}$  (  $14.5 \sim 145\text{psi}$ )  
Feed water source: Municipal tap water  
Flush method: Manual Flush  
With Pressure Gage: Yes  
Material: Housing: Food Grade Plastic  
Strainer: SUS 316  
Packing Size:  $675 \times 456 \times 505$  mm (8pcs/ctn)  
G.W: 30.00KGS/CTN

### Remarks:

This pre-filter is with  $360^\circ$  universal muouting interface and has two flush mode-"flush"and "back flush".



## IMT-M5

Product Size: 135(L)x134(W)x359(H)mm  
Color: Gray  
Filtration Accuracy: 40µm  
Pure water flow: 6.0m<sup>3</sup>/h  
Inlet/Outlet size: 3/4" or 1"  
Water temperature: 5°C ~ 38°C  
Working pressure: 0.1- 1.0MPa ( 14.5~ 145psi)  
Feed water source: Municipal tap water  
Flush method: Manual Flush  
With Pressure Gauge: Yes  
Material: Housing: Food Grade Plastic ( transparant)  
Strainer: SUS 316  
Packing Size: 585x413x585(mm) (9pcs/ctn)  
G.W: 27.00KGS/CTN



## IMT-M6

Product Size: 135\* 132\*356 mm  
Color: Gray  
Filtration Accuracy: 40µm  
Pure water flow: 6.0m<sup>3</sup>/h  
Inlet/Outlet size: 3/4" or 1"  
Water temperature: 5°C ~ 38°C  
Working pressure: 0.1- 1.0MPa ( 14.5~ 145psi)  
Feed water source: Municipal tap water  
Flush method: Manual Flush  
With Pressure Gauge: Yes  
Material: Housing: Food Grade Plastic ( transparant)  
Strainer: SUS 316  
Packing Size: 576\*446\*675(mm)(9pcs/ctn)  
G.W: 30.00KGS/CTN

### Remarks:

With double sealing leakage structure and vortex flow filtration structure.



## M8

Product Size: 202\* 136\*375mm  
Color: Gray  
Filtration Accuracy: 40µm  
Pure water flow: 6.0m<sup>3</sup>/h  
Inlet/Outlet size: 3/4" or 1"  
Water temperature: 5°C ~ 38°C  
Working pressure: 0.1- 1.0MPa ( 14.5~ 145psi)  
Feed water source: Municipal tap water  
Flush method: Auto Flush  
With Pressure Gauge: Yes  
Material: Housing: Food Grade Plastic ( transparant)  
Strainer: SUS 316  
Packing Size: 576\*446\*675(mm)(9pcs/ctn)  
G.W: 30.00KGS/CTN

### Remarks:

This pre-filter is with with 360° universal muouting inferface,double sealing leakage structure and vortex flow filtration structure.



## INNOVATIVE VORTEX FLUX FILTRATION

Using laminated strainer  
to achieve small volume,  
large water flux

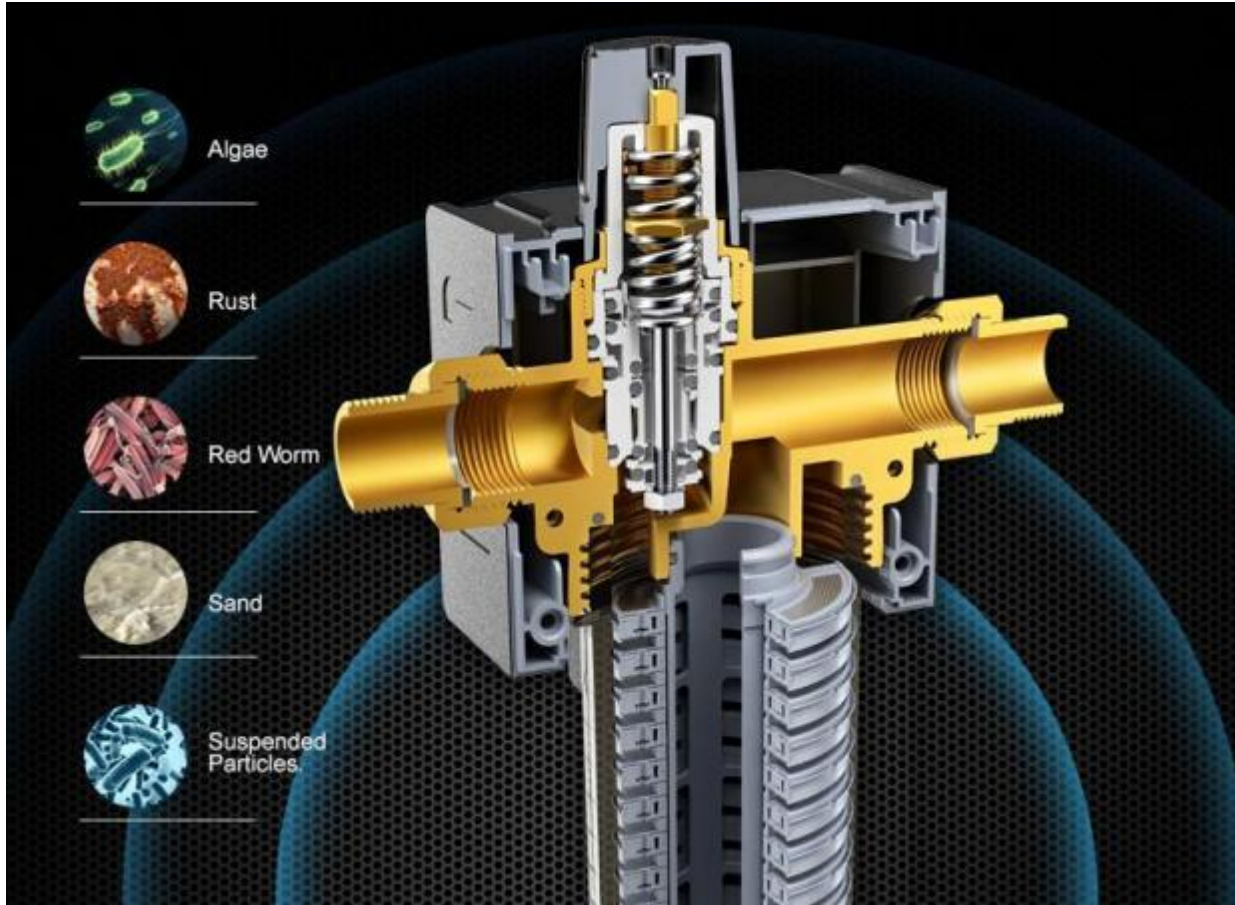


EXPANDED VIEW  
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## PATENT VORTEX FLUX FILTRATION

IMRITA uses 12-layer swirling filter, which is equivalent to three times the size of other products. It realizes small volume and large flow filtration, improves the interception efficiency, and makes the intercepted pollutants rush out quickly and thoroughly under high-speed rotary flushing. The 12-layer cyclone filter is also convenient for disassembly and scrubbing, and has a longer service life.



# SUS 316 STRAINER NO FILTER CARTRIDGE REPLACEMENT

Use with environmental protection material,  
more safe and healthy.

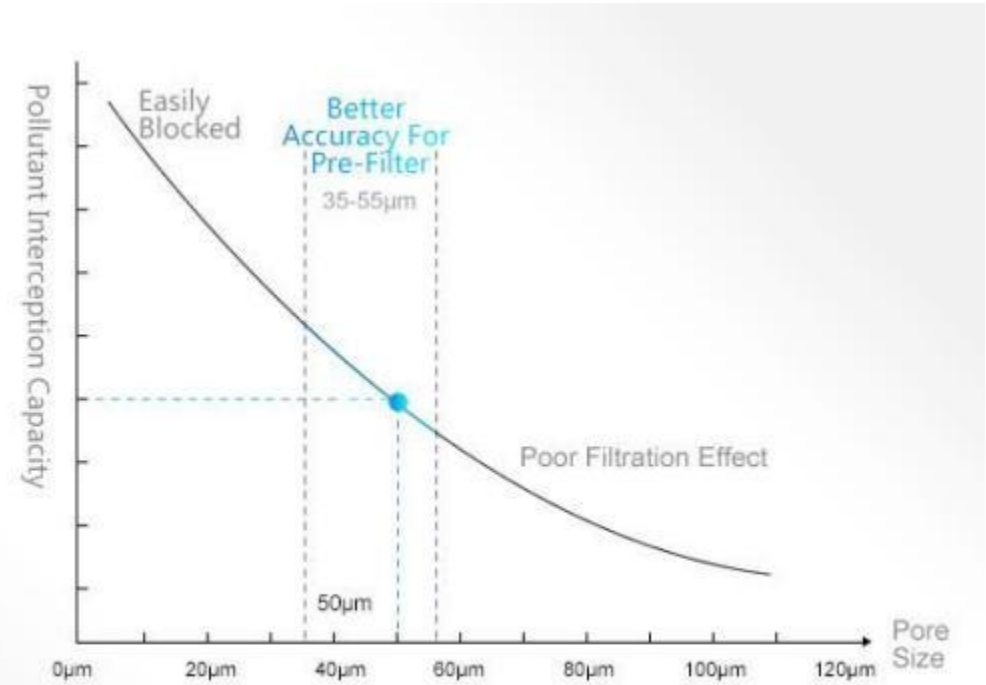
No filter cartridge replacement, save and  
lower the cost

# 40µm FILTRATION ACCURACY

Pre-filter filters large granular impurities above 40 microns, such as rust, sediment, algae and worms.

In 1988, the German Government Legislation (DIN1988) stipulated that protective impurity filters, pre-filters, must be installed in subsequent buildings to prevent solid particles from entering drinking water pipelines.

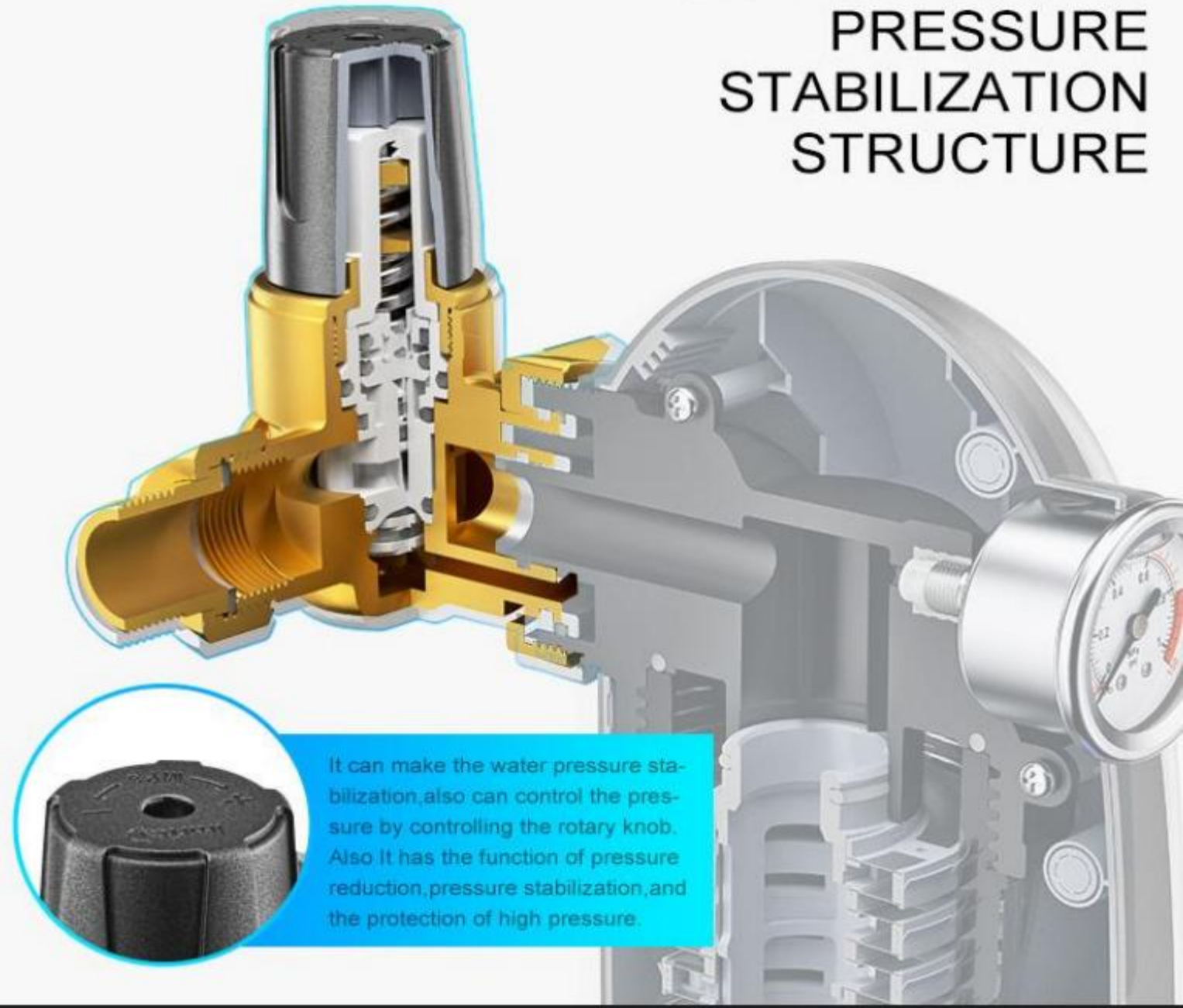
## 40µm FILTRATION ACCURACY



# WATER PRESSURE STABILIZATION VALVE

It can adjust the water pressure to prevent high water pressure causing water hammer attack on the filter and it can prevent low water pressure causing the low water flow.

## PILOT-OPERATED PRESSURE STABILIZATION STRUCTURE



## FAQ

1. Q: Can the wading equipment be protected by installing a pre-filter?

A: The pre-filter plays a preliminary filtration role, the protection of the whole house wading equipment is limited. The filter accuracy of the stainless steel pre-filter is 40 to 150 microns, can not filter small pollutants, can not cope with acute yellow water. If you want to the whole house wading equipment for deep protection, it is recommended to install a higher precision central water purification system.





2. Q: Is it right to choose large blue or white bottle filter for whole house water filtration system?

A: The common large blue or white bottle built-in filter is generally 5-25 micron PP cotton, and a small number of models will add a small amount of granular activated carbon. Because it is installed in the main pipeline, the water flow is large. The pollutants gather in the PP cotton filter element and can not wash the sewage, will seriously affect the flow and water pressure. The toilet will not flush smoothly, and the water flow of the shower will become smaller, affecting daily use.



3.Q: Is it necessary for the pre-filter to have a pressure regulator?

A: It is very necessary. For high floor users, unstable water pressure is a common occurrence. During the night to the early morning, the water supply pump starts, the water pressure rises suddenly, and the water hammer can reach more than 10 kilograms. The installation of pressure regulator can reduce the pressure fluctuation and prevent the harm of water hammer to water wading equipment.

