

Pre-Filter

USER MANUAL

780175

Warning notices: Before using this product, please read this manual carefully and keep it for future reference. The design and specifications are subject to change without prior notice for product improvement. Consult with your dealer or manufacturer for details. The diagram above is just for reference. Please take the appearance of the actual product as the standard.

THANK YOU LETTER

Thank you for choosing Midea! Before using your new Midea product, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers in a safe way.

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SAFETY INSTRUCTIONS

Intended Use

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance. Please check the packaging and appliance on arrival to make sure everything is intact to ensure safe operation. If you find any damage, please contact the retailer or dealer. Please note modifications or alterations to the appliance are not allowed for your safety concern. Unintended use may cause hazards and loss of warranty claims.

Explanation of Symbols



Danger

This symbol indicates that there are dangers to the life and health of persons due to extremely flammable gas.



Warning of electrical voltage

This symbol indicates that there is a danger to life and health of persons due to voltage.



Warning

The signal word indicates a hazard with a medium level of risk which, if not avoided, may result in death or serious injury.



Caution

The signal word indicates a hazard with a low degree of risk which, if not avoided, may result in minor or moderate injury.



Attention

The signal word indicates important information (e.g. damage to property), but not danger.



Observe instructions

This symbol indicates that a service technician should only operate and maintain this appliance in accordance with the operating instructions.

Read these operating instructions carefully and attentively before using/commissioning the unit and keep them in the immediate vicinity of the installation site or unit for later use!

SAFETY INSTRUCTIONS

CAUTION: Risk of injury!

Failure to comply with the safety information and instructions may result in injury.

Safety of children and persons with reduced abilities.

- Direct sunlight is prohibited.
- Do not drink directly.
- Avoid install and store the machine in places exposed to strong sunlight, which may cause aging of product components.
- Please do not bring the product in contact with or near flammable or explosive materials.
- Please do not put the product in contact with or near heat sources or open flames.
- Product installation must be carried out by professionals.
- Disassembling the parts on the product by yourself is easy to damage the product, moving and handling by yourself is easy to operate improperly, and cause damage to the machine.

WARNING

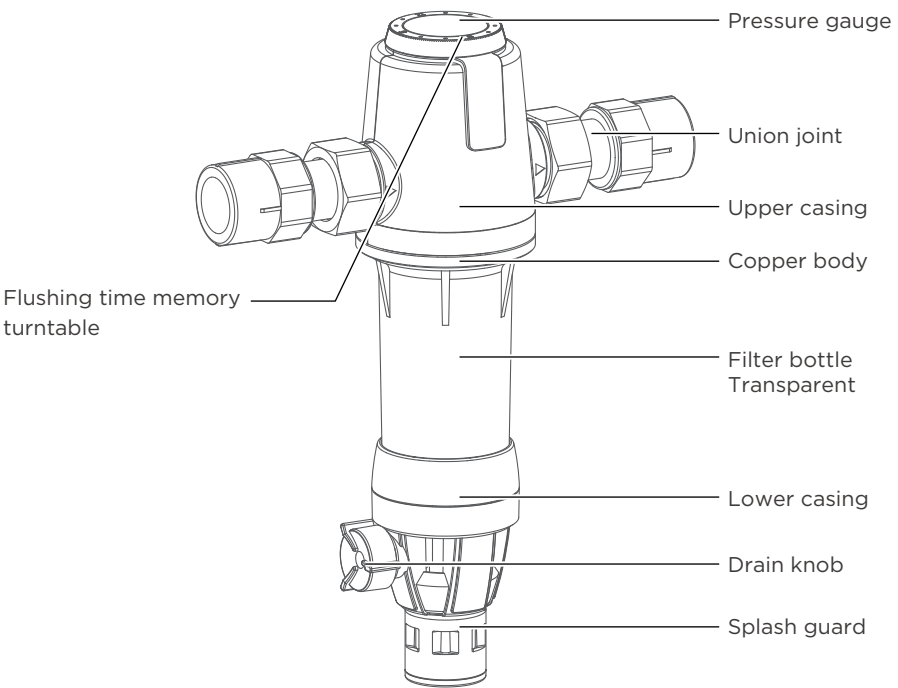
- The machine must not be installed outdoors. The product is suitable for the environment with temperature of 4-38°C and relative humidity of not more than 90%. When the water temperature drops to 0°C, the water source should be timely turned off and the remaining water in the machine should be drained to prevent the water from freezing and damaging the machine.
- The working pressure of the product is 0.1-0.5MPa. When the water pressure is lower or higher, please install pressure boosting or reducing device accordingly.

SPECIFICATIONS

Model	780175
Working pressure	0.1-0.5 MPa
Temperature of water inlet	4-38 C
Applicable water quality	Municipal tap water
Rated total purified water amount	50m ³
Purified water flowrate	3.0m ³ /h
Specification of water inlet and outlet port	6" PPR hot melt pipe
Product Dimension (mm)	150x70x205mm
Hygiene License No.	Z (07) WSZ (2019) No. 0016
Appearance difference	Gray casing +top pressure gauge

PRODUCT OVERVIEW

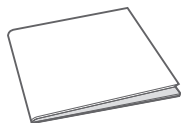
Product



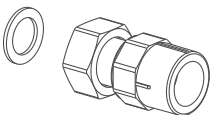
Pictures for reference only, please refer to the real product.

Note: The top scale can be rotated. The numbers and dots represent the month. The numbers or dots are aligned with the indicating triangle arrow to record the flushing time. For example, the triangle arrow is aligned with "12", which means that it has been flushed in December.

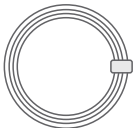
Accessories



Instruction Manual x1



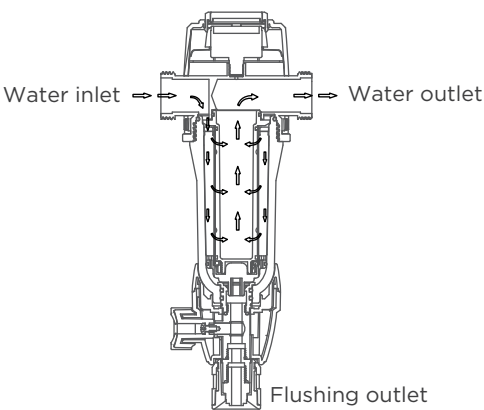
Union joint x2



PE pipe 1 set

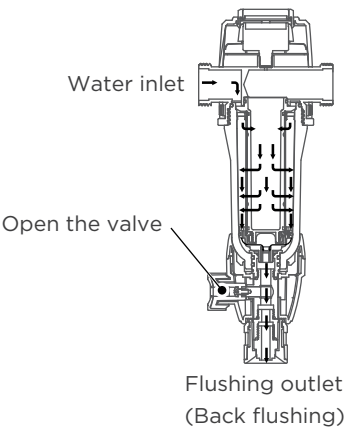
WORK PRINCIPLE DIAGRAM

Working status



Note: The raw water enters the filter through the water inlet. When passing through the inner core of the steel mesh, large particles of impurities are intercepted on the outer surface of the steel mesh, and the filtered water flows out from the water outlet.

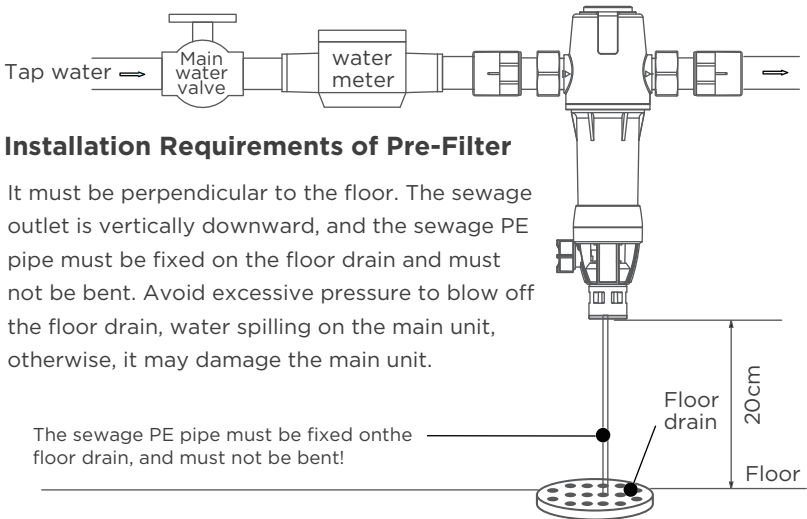
Flushing state (the recommended first flushing time is 3-5 minutes)



Blowdown instructions of back flushing:
Turning on the sewage knob, the raw water enters the filter through the water inlet, at this time, the inside of the filter automatically switches the water flow direction, and the inside of the filter is flushed backwards, and impurities are taken away from the sewage outlet.

PRODUCT INSTALLATION

Installation Schematic Diagram

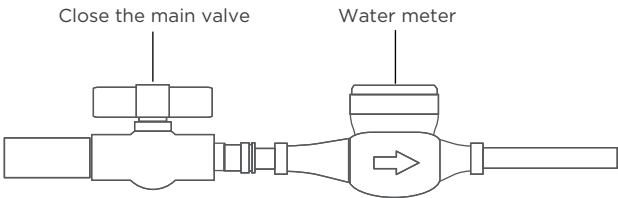


(Note: The above figure is only for reference, please refer to the real product.)

Machine Installation

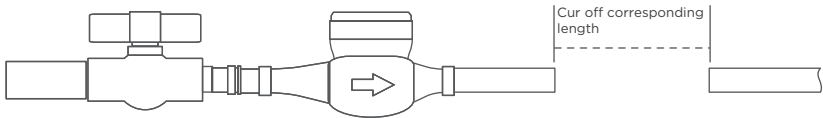
Step 1

Close the main pipe valve, discharge the remaining tap water in the pipe, and ensure that the copper valve and the filter bottle are tightened.



Step 2

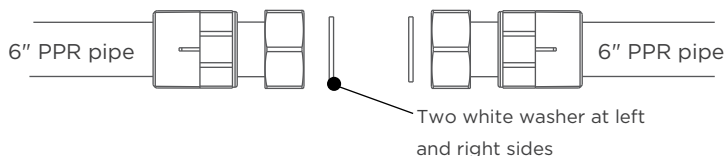
Cut off the PPR pipe of corresponding length at the installation position of the pipeline according to the installation size of the pre-filter.



PRODUCT INSTALLATION

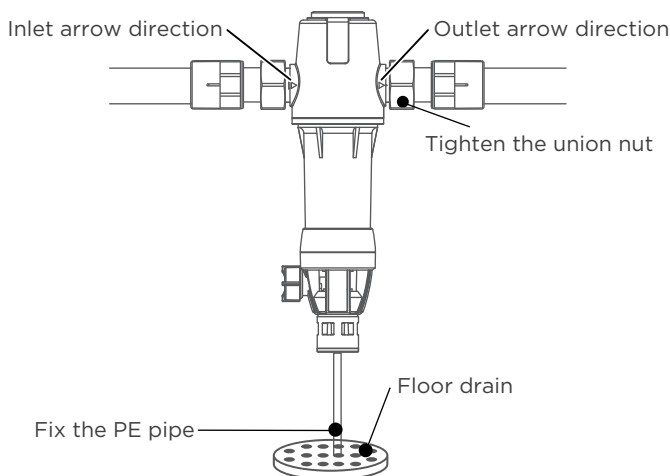
Step 3

Use a fuser to fuse the two union joints to the pipeline respectively.



Step 4

Tighten the union nuts at both ends of the copper inlet and outlet with pipe wrenches until the inner washer is compressed. Then insert one end of the drain PE pipe into the quick drain port at the bottom of the machine, and insert the other end into the floor drain or other drain and fix it.



Step 5

Slowly open the water inlet valve, then close the water outlet after the household water equipment can discharge water. Note to check whether the connection position of each part of the pre-filter is leaking or slowly seeping water, and then open and close the drain knob for several times to remove the air inside the machine (about 10 times) and check for water leakage. If there is water leakage, check whether the connection position is tightened, it is recommended to observe for 5 minutes.

PRODUCT INSTALLATION

Tips

1. Please regularly check whether the connection of the machine is leaking, so as to avoid damage to your home property.
2. When you go out for a long time or do not use the machine, please turn off the water source of the machine.
3. The water generated by flushing the machine shall be discharged through the sewage PE pipe, so there must be a floor drain or other drain near the installation position.
4. The sewage PE pipe must not be knotted or bent. It must be fixed after being inserted into the floor drain or drain to prevent excessive pressure during flushing, which may cause the pipe to be thrown out and cause hidden danger of water leakage.

Installation Warnings

When connecting the inlet and outlet pipes, please note the followings:

1. Turn off the valve of the indoor main water pipe and turn on the faucet to relieve pressure in the pipe.
2. Make sure that the water inlet and outlet pipes are connected to the water inlet and outlet of the machine respectively, do not connect them reversely.
3. If the welded pipe is used to install the inlet and outlet pipes, all the weldings shall be completed before the pipe is connected with the machine, otherwise, the heat generated by welding will damage the plastic parts.
4. PTFE tape should be wrapped around the threaded connection between the inlet and outlet pipes and the installation joints. Be careful not to make the threads staggered when tightening.
5. Do not hang other items on the filter to prevent damage.
6. Turn off the faucet and carefully observe whether there is leakage at the joint and filter, If there is leakage, it must be treated,

Notes: Please pre-flush the machine before using it After installing the whole machine, flush the filter with tap water for 120 minutes to bring a better experience.

CLEANING AND MAINTENANCE

Routine Maintenance

1. The product is regularly maintained and the filter assembly is replaced by our professional staff to ensure the quality of the output water;
2. Do not use strong volatile solvents such as soap, detergent, thinner, otherwise, it may cause crack, scratch and discoloration, gasoline, alcohol, etc, when cleaning and maintaining the product;
3. Open the flushing valve regularly to drain waste and flush the filter assembly.

Daily Maintenance

1. According to the water quality, please turn on the drain knob to flush the product at the right time, generally, the flushing interval is 15-30 days.
2. When the filter is clogged, the water output is small and the flushing has no obvious effect, please contact the local sales and service outlets or customer service center of our company.

Quality of output water: Meet the requirements of "Sanitary Safety and Functional Evaluation Specification for Drinking Water Quality Processors -General Water Quality Processors" (2001).

【Main Ingredients or Components】

1. Stainless steel filter assembly	Model GL01	40um 1 set
2. Transparent PC casing	Model GL01	1 set
3. Water inlet and outlet copper assembly	Model SX-1	1 set
4. Scraping assembly	Model SX-1	1 set


【Cautious】

1. Drain water and clean the filter regularly according to the requirements of the Manual.
2. This product can only remove particulate impurities, and has no significant removal effect on other indicators.

TROUBLESHOOTING

Problem	Possible reason	Solution
No water output	• Check whether there is water supply	Waiting for water supply
	• Check whether the water inlet valve is turned on	Turn on the water inlet valve
Small water output volume	• Check whether the water inlet valve is turned on completely	Waiting for water supply
	• The filter surface is clogged	Remove the debris, flush or back flush the filter
Water leakage at the filter joint	• Whether the parts on the filter have been disassembled by yourself	Check whether the sealing ring is misplaced or fallen off
	• Loose parts at the seepage	Tighten the threaded joint with wrench
	• The seal ring at the water seepage is aging or damaged	Replace the seal ring

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All the described functions and instructions were up to date at the time of printing this manual. However, the actual product may vary due to improved functions and designs.

DISPOSAL AND RECYCLING

Important instructions for environment

Compliance with the WEEE Directive and Disposing of the Waster Product:
This product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for waster electrical and electronic equipment (WEEE).

This symbol indicates that this product shall not be disposed with other household wastes at the end of its service life. Used device must be returned to official collection point for recycling of electrical electronic devices. To find these collection systems please contact to your local authorities or retailer where the product was purchased. Each household performs important role in recovering and recycling of old appliance. Appropriate disposal of used appliance helps prevent potential negative consequences for the environment and human health.



Compliance with RoHS Directive

The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

Package information

Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.



DATA PROTECTION NOTICE

For the provision of the services agreed with the customer, we agree to comply without restriction with all stipulations of applicable data protection law, in line with agreed countries within which services to the customer will be delivered, as well as, where applicable, the EU General Data Protection Regulation (GDPR).

Generally, our data processing is to fulfil our obligation under contract with you and for product safety reasons, to safeguard your rights in connection with warranty and product registration questions. In some cases, but only if appropriate data protection is ensured, personal data might be transferred to recipients located outside of the European Economic Area.

Further information are provided on request. You can contact our Data Protection Officer via **MideaDPO@midea.com**. To exercise your rights such as right to object your personal data being processed for direct marketing purposes, please contact us via **MideaDPO@midea.com**. To find further information, please follow the QR Code.



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