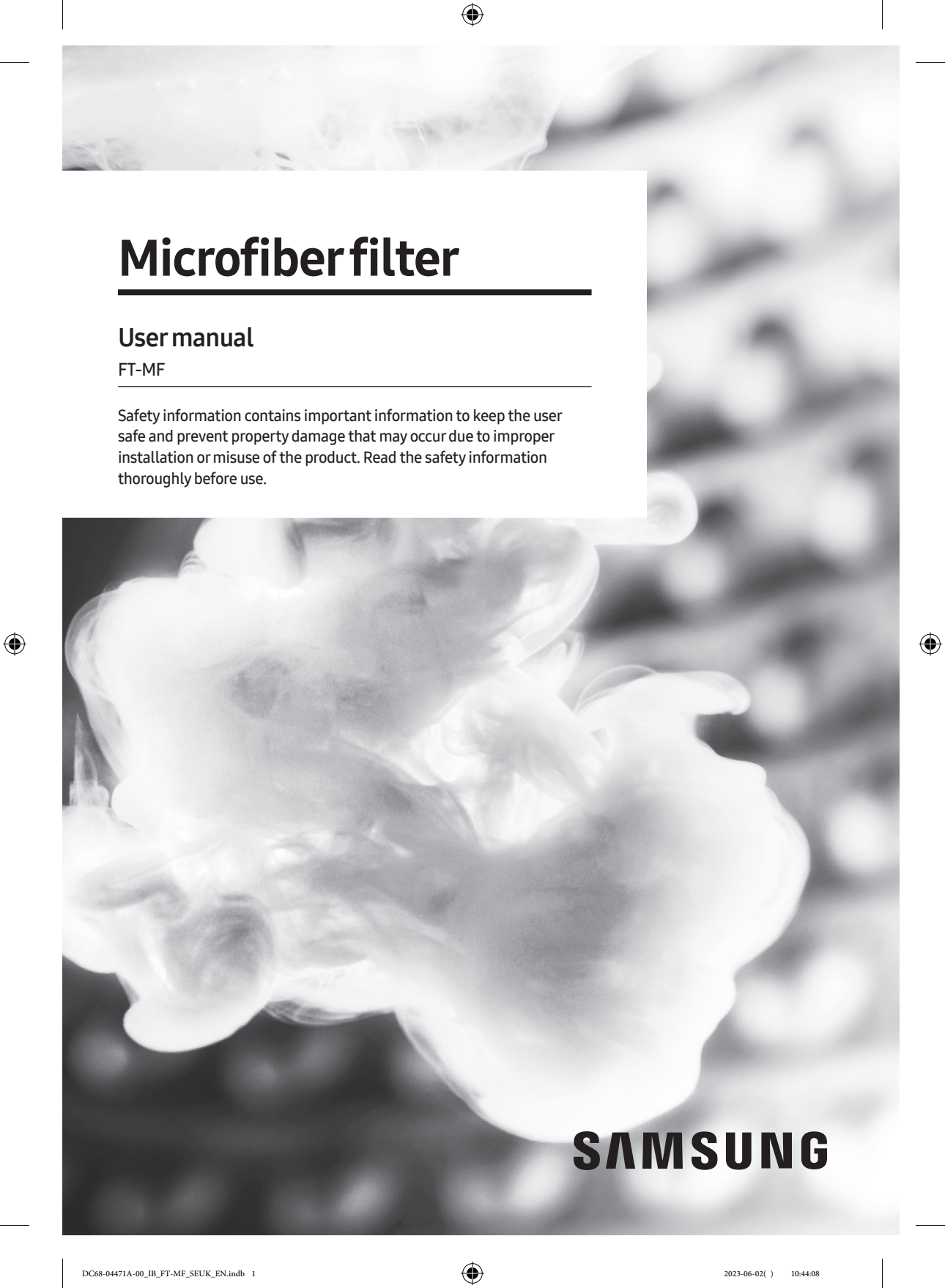




Microfiber filter

User manual

FT-MF

Safety information contains important information to keep the user safe and prevent property damage that may occur due to improper installation or misuse of the product. Read the safety information thoroughly before use.

SAMSUNG

Safety information

Congratulations on your new Samsung Microfiber filter. This manual contains important information on the installation, use and care of your Microfiber filter. Please take some time to read this manual to take full advantage of your Microfiber filter's many benefits and features.

What you need to know about the safety instructions

Please read this manual thoroughly to ensure that you know how to safely and efficiently operate the extensive features and functions of your new Microfiber filter. Please store the manual in a safe location close to the Microfiber filter for future reference. Use the Microfiber filter only for its intended purpose as described in this instruction manual.

Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution and care when installing, maintaining and operating your Microfiber filter.

Because the following operating instructions cover various models, the characteristics of your Microfiber filter may differ slightly from those described in this manual and not all warning signs may be applicable. If you have any questions or concerns, contact your nearest service center or find help and information online at www.samsung.com.

Important safety symbols

What the icons and signs in this user manual mean:



WARNING

Hazards or unsafe practices that may result in **severe personal injury, death and/or property damage**.



CAUTION

Hazards or unsafe practices that may result in **personal injury and/or property damage**.



NOTE

Indicates that a risk of personal injury or material damage exists.



Read the instructions

These warning signs are here to prevent injury to yourself and others. Please follow them explicitly.

After reading this manual, store it in a safe place for future reference.

Read all instructions before using the Microfiber filter.

As with any equipment that uses electricity and moving parts, potential hazards exist. To safely operate the Microfiber filter, familiarize yourself with its operation and exercise care when using it.

Important safety precautions



WARNING

To reduce the risk of fire, electric shock, or injury to persons when using your Microfiber filter, follow basic precautions, including the following:

1. The Microfiber filter is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the Microfiber filter by a person responsible for their safety.

2. **For use in Europe:** The Microfiber filter can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the Microfiber filter in a safe way and understand the hazards involved. Children shall not play with the Microfiber filter. Cleaning and user maintenance shall not be made by children without supervision.
3. Children should be supervised to ensure that they do not play with the Microfiber filter.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. The new hose supplied with the Microfiber filter is to be used and the old hose should not be reused.

Critical electrical warnings

WARNING

Plug the power cord into a wall socket that meets local electrical specifications. Use the socket for this appliance only, and do not use an extension cord. If you plug the power cord into a power strip, make sure the power strip specification is 220 V / 16 A / 3600 W or higher.

- Ensure that the power voltage, frequency, and current are the same as those of the product specifications. Failure to do so may result in electric shock or fire.

Do not pull the power cord when unplugging the power plug. Unplug the power plug by holding the plug.

Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.

Plug the power plug into the wall socket so that the cord is running towards the floor. If you plug the power plug into the socket in the opposite direction, the electric wires within the cable may be damaged and this may result in electric shock or fire.

Do not pull or excessively bend the power cord. Do not twist or tie the power cord. Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the Microfiber filter.

Plug the power plug into the wall socket firmly. Do not use a damaged power plug, damaged power cord, or loose wall socket.

Unplug the power cord when the Microfiber filter is not being used for long periods of time or during a thunder or lightning storm.

Do not touch the power plug with wet hands.

Before cleaning or performing maintenance, unplug the Microfiber filter from the wall socket.

Unplug the power plug before disassembling or repairing the product.

Critical installation warnings

WARNING

Install the Microfiber filter on a solid and flat wall.

Do not install the Microfiber filter in a bathroom, in a location exposed to the elements, or splashing water.

Do not install the Microfiber filter near a heater or a flammable material, in a humid, oily, or dusty place, in a place exposed to direct sunlight and water, in a place where you might put a candle or mosquito repellent incense on the Microfiber filter, in a place where there is a risk or gas leak.

Safety information

Critical usage warnings

WARNING

The Microfiber filter is designed to capture micro plastic fibers released from clothes during washing and must not be used for other purposes.

Do not attempt to repair, disassemble, or modify the Microfiber filter yourself. Do not use a fuse (such as copper, steel wire, etc.) other than a standard fuse.

- When the Microfiber filter needs to be repaired or reinstalled, contact your nearest service center.
- This may result in electric shock, fire, problems with the Microfiber filter, or injury.

To avoid the risk of electric shock and fire, plug the power plug into the wall socket firmly. Do not use a damaged power plug, damaged power cord, or loose wall socket. Unplug the power plug when the Microfiber filter is not being used for long periods of time or during a thunder or lighting storm.

- Do not install the Microfiber filter in RVs (recreational vehicles), ships, airplanes.

Keep the Microfiber filter away from children or pets.

Unplug the power plug when the Microfiber filter is not operating.

Do not press the buttons using sharp objects such as pins, knives, fingernails, etc.

- This may result in electric shock or injury.

If the Microfiber filter generates a strange noise, a burning smell, or smoke, unplug the power cord immediately and contact your nearest service center.

Do not remove the mesh filter while the Microfiber filter is operating. Water may overflow.

Critical cleaning warnings

WARNING

When the Microfiber filter is contaminated by a foreign substance such as detergent, dirt, food waste, etc., unplug the power plug and clean the Microfiber filter using a damp, soft cloth.

- Do not clean the Microfiber filter by spraying water directly onto it. Do not use benzene, thinner, or alcohol, to clean the Microfiber filter. Do not use a strong acidic cleaning agent.
- It may cause discoloration, deformation, product damage, rusting, electric shock, or fire.

Before cleaning or performing maintenance, unplug the Microfiber filter from the wall socket.

- This may result in electric shock or fire.

Instructions about the WEEE



Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

For information on Samsung's environmental commitments and product regulatory obligations, e.g. REACH, WEEE or Batteries, visit our sustainability page available via www.samsung.com

Declaration of conformity

Hereby, Samsung declares that this radio equipment is in compliance with Directive 2014/53/EU and with the relevant statutory requirements in the UK. The full text of the EU declaration of conformity and the UK declaration of conformity is available at the following internet address: The official Declaration of conformity may be found at <http://www.samsung.com>, go to Support > Support home and enter the model name.

- Wi-Fi max transmitter power: 20 dBm at 2.412 GHz – 2.472 GHz

Turning on Wi-Fi (for network models only)

Turning on Wi-Fi consumes more energy. Under an environment where Wi-Fi is frequently turned on, actual energy consumption can be greater than the values in the specification sheet section.

1. Tap and hold to **Filter Reset** button for 7 seconds to turn on Wi-Fi.
2. The Microfiber filter enters AP mode and connects to your smartphone.
3. On your smartphone, tap **Select** to connect the Microfiber filter to your smartphone.
4. Once the connection process is complete, the Microfiber is successfully connected to your smartphone.

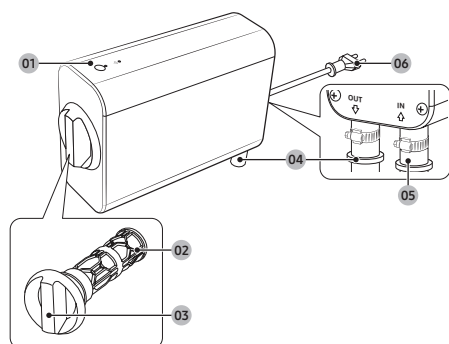
Installation

NOTE

- Remove the product packaging and check if there is any missing accessory.
- Packaging materials can be dangerous to children. Dispose all packaging material (plastic bags, polystyrene, etc.) out of children's reach.

What's included

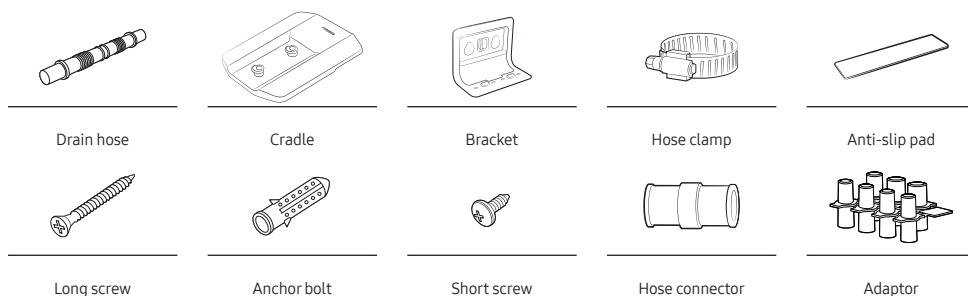
Make sure all the parts are included in the product package. If you have a problem with the Microfiber filter or the parts, contact a local Samsung customer center or the retailer.



- 01 Buttons and indicators
- 02 Mesh filter
- 03 Mesh filter handle
- 04 Water outlet port (OUT)
- 05 Water inlet port (IN)
- 06 Power plug

* The design of the filter and/or hose differs with the model.

Accessories



Installation requirements

The Microfiber filter is optimized for Samsung household washing machines. If you are using a third-party washing machine, check the filter's specification and the washing machine's hose specification.

Location

- Away from direct sunlight
- Adequate room for ventilation
- The ambient temperature is always higher than the freezing point (0 °C)
- Away from a heat source

CAUTION

Do not install the Microfiber filter in areas where water may freeze. If the water remaining in the Microfiber filter freezes, it may cause damage to the Microfiber filter.

Electrical connection

- Install the Microfiber filter in a location near a wall socket to plug the power cord.
- Do not use an extension cord.

WARNING

- Use only the power cord that comes with the Microfiber filter.
- Do not modify the provided plug. If it does not fit the outlet, call a qualified electrician to install a suitable outlet.

Installation

Hose connection

Install the product in a location where you can connect your Samsung washing machine's drain hose to the Microfiber filter, and the drain hose to the drain system at the same time.

To reduce the risk of leaks:

- Use the provided hose clamps to firmly fix the hoses connected to the water inlet (IN) and outlet (OUT) ports.
- Regularly check the hose connections for leaks.

CAUTION

Before using the Microfiber filter for the first time, check all hose connections for leaks.

Wall (when mounted on a wall)

Install the Microfiber filter on a solid and flat wall.

When installing the Microfiber filter on a wall, use a level and make sure it is level.

CAUTION

- Choose a wall where you can use the provided anchor bolt to fasten the bracket (such as a concrete or cement walls).
- If you install your Microfiber filter on a wall made of other kinds of material, use a proper anchor bolts and screws designed for that material.

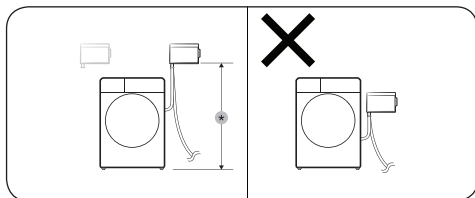
Installing the Microfiber filter

You must install the Microfiber filter in the upright position.

Installing on a wall

NOTE

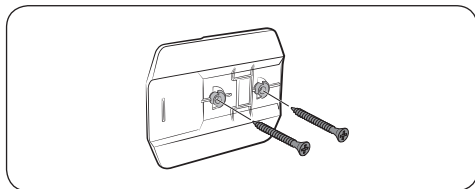
To install the Microfiber filter on a wall, you need a drill and a cross-head screwdriver. (Not provided)



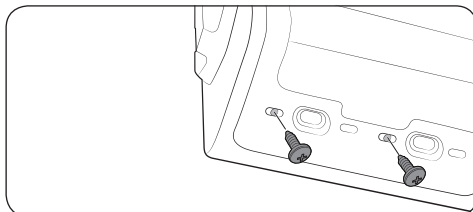
1. Decide where on the wall you want to install the Microfiber filter.
 - The minimum distance (*) from the floor to the bottom of the Microfiber filter must be 100 ± 5 cm.

CAUTION

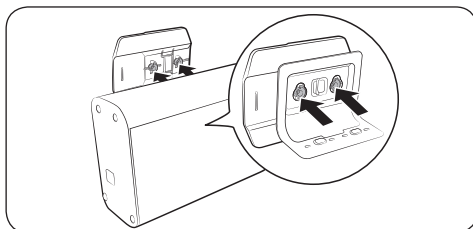
You must install the product higher than the washing machine, and the product's water outlet port (OUT) must point down.



2. Hold the cradle against the installation location and mark the spots where the screws will be fastened.
3. Drill holes in the spots you have marked in the previous step, and then insert the anchor bolts.
4. Attach the cradle to the wall with long screws.



5. Attach the bracket to the Microfiber filter. Use the short screws and fasten them at the bottom of the Microfiber filter.



6. Align the holes on the bracket with the grooves on the cradle, and then mount the bracket.

CAUTION

- Be careful not to damage the Microfiber filter while attaching the bracket or mounting to the cradle.
- Make sure to check the Microfiber filter is securely fastened to the cradle

7. Connect the hoses to the Microfiber filter according to the instructions in the "Connecting the hoses" section.
8. Plug the power cord into a wall socket.

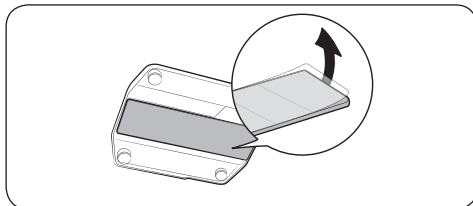
NOTE

The power turns on and the Filter status indicator lights up when you plug the power cord into a wall socket.

Installing on a washing machine

NOTE

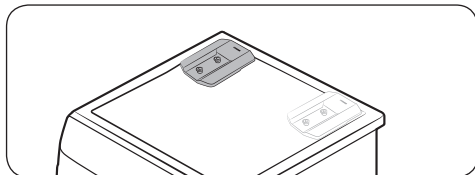
Before the installation, keep the top, sides, and rear of the washing machine clear of interfering objects.



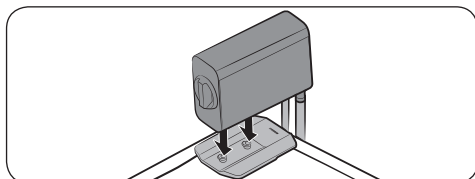
1. Remove the films on both sides of the anti-slip pad, and then attach the anti-slip pad to the bottom of the cradle.

NOTE

You must attach the smooth side of the anti-slip pad to the cradle.



2. Attach the cradle on the rear-left or rear-right side of the washing machine's top surface.
3. Connect the hoses to the Microfiber filter according to the instructions in the "Connecting the hoses" section.

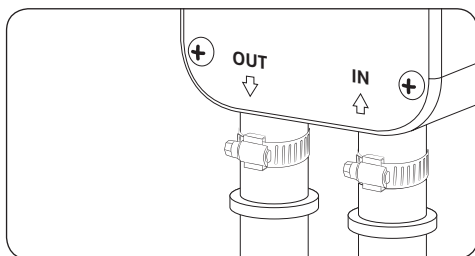


4. Align the holes on the bottom of the Microfiber filter with the grooves on the cradle, and then mount the Microfiber filter.
5. Plug the power cord into a wall socket.

NOTE

The power turns on and the Filter status indicator lights up when you plug the power cord into a wall socket.

Connecting the hoses



1. Connect the washing machine's drain hose to the water inlet port (IN) of the Microfiber filter.

CAUTION

- Make sure the washing machine is off before connecting the washing machine's drain hose to the water inlet port (IN).
- Some water may remain in the washing machine's drain hose. Be careful when you connect it to the Microfiber filter.

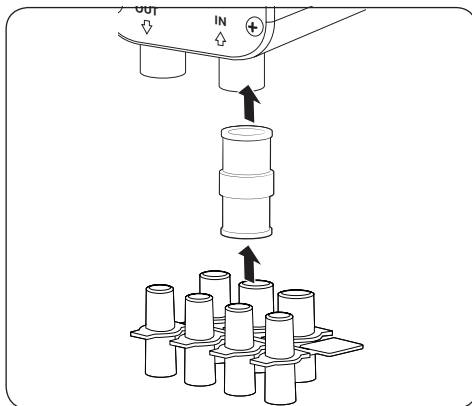
2. Connect the provided drain hose to the water outlet port (OUT).
3. Firmly fix the hoses with the provided hose clamps.

CAUTION

Do not stretch the drain hose by force. If the hose is too short, replace the hose with a longer, high-pressure hose.

Using the hose connector and adapter

If you cannot connect your washing machine's drain hose to the water inlet port (IN) because of the unmatching size, use the hose connector and adapter according to the following instruction.



1. Connect the hose connector to the water inlet port (IN).
2. Find the right-sized adapter for your washing machine's drain hose, and then connect it to the hose connector.
3. Firmly fix both ends of the hose connector with the provided hose clamps.
4. Connect your washing machine's drain hose to the adapter.
5. Operate the washing machine for one full cycle to check for water leaks.

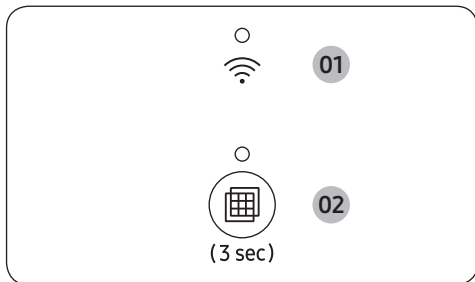
Operations

CAUTION

Do not remove the mesh filter while the Microfiber filter is operating.

Buttons and indicators

FT-MF



01 Wi-Fi

The Wi-Fi indicator lights up when the Microfiber filter is connected to Wi-Fi.

- Press and hold the **Filter Reset** button for 7 seconds to turn on or off the Wi-Fi.

02 Filter status indicator / Filter Reset button

The **Filter status indicator** lights up when the Microfiber filter is on.

- The power turns on when you plug the power cord into a wall socket.



CAUTION

Make sure to turn on the Microfiber filter before you operate your washing machine. If you operate the washing machine while the Microfiber filter is off, a drain error message may appear on your washing machine because the water cannot be drained properly through the Microfiber filter.

Press this button for 3 seconds to reset the status of the mesh filter after cleaning the mesh filter.

- Clean the mesh filter when the Filter status indicator icon blinks. (Refer to the “**Cleaning the mesh filter**” section on page 9.)



CAUTION

- Be careful when removing the mesh filter because there may be undrained water inside.
- If the Filter status indicator keeps blinking after resetting the filter, check if you have properly inserted the mesh filter.
- If your washing machine is experiencing a draining problem, turn it off and remove the filter.

SmartThings

Wi-Fi connection

On your smartphone or tablet, go to **Settings** and turn on the wireless connection and select an AP (Access Point).

- The Microfiber filter supports the Wi-Fi 2.4 GHz protocols.

Download

On an app market (Google Play Store, Apple App Store, Samsung Galaxy Apps), find the SmartThings app with a search term of “SmartThings”. Download and install the app on your device.



NOTE

The app is subject to change without notice for improved performance.

Log in

You must first log into SmartThings with your Samsung account. To create a new Samsung account, follow the instructions on the app. You don't need a separate app to create your account.



NOTE

If you have a Samsung account, use the account to log in. A registered Samsung smartphone or tablet user automatically logs in.

To register your Microfiber filter to SmartThings

- Make sure your smartphone or tablet is connected to a wireless network. If not, go to **Settings** and turn on the wireless connection and select an AP (Access Point).
- Open **SmartThings** on your smartphone or tablet.
- If a message of “A new device is found,” select **Add**.
- If no message appears, select **+** and select your Microfiber filter in a list of devices available. If your Microfiber filter is not listed, select **Device Type > Specific Device Model**, and then add your Microfiber filter manually.
- Register your Microfiber filter to the SmartThings app as follows.
 - Add your Microfiber filter to SmartThings. Make sure your Microfiber filter is connected to SmartThings.
 - When registration is complete, your Microfiber filter appears on your smartphone or tablet.

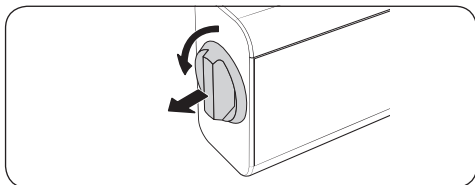
Maintenance

Cleaning the mesh filter

Clean the mesh filter when the Filter status indicator blinks.

⚠ CAUTION

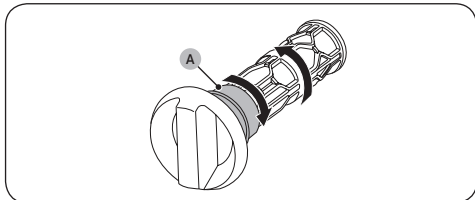
For the safety, turn off the Microfiber filter and the washing machine connected to it before removing the mesh filter.



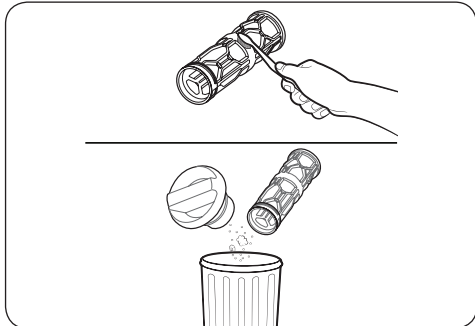
1. Turn off the Microfiber filter and the washing machine connected to it.
2. Hold the mesh filter handle and turn it counterclockwise. Then, pull out to remove the mesh filter from the main unit.

⚠ CAUTION

Be careful when removing the mesh filter because there may be undrained water inside.



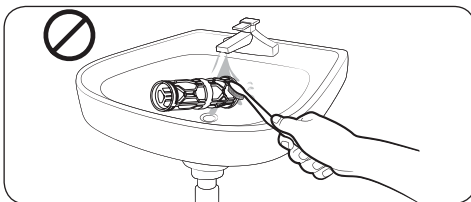
3. Separate the mesh filter and the handle.
 - Hold the **part (A)** of the handle. Then turn the mesh filter in the direction of the arrow (as shown in the figure).



4. Clean the waste collected in the mesh filter using a soft brush.
 - Make sure to discard the collected waste into the waste bin.
5. Assemble the mesh filter and the handle.
6. Insert the cleaned mesh filter back into the main unit, and then turn it clockwise until the mark on the handle is pointing up.
7. Press and hold the **Filter Reset** button for 3 seconds to reset the status of the mesh filter.

⚠ CAUTION

- If the mesh filter is damaged, performance may degrade, or a drain error message may appear on your washing machine.
- If the Filter status indicator keeps blinking after resetting the filter, check if you have properly inserted the mesh filter.
- If the mesh filter is not inserted in the correct position, water may leak or performance may degrade. Furthermore, a drain error message may appear on your washing machine.



⚠ CAUTION

To continue using the Microfiber filter in an environmentally friendly way, avoid using water to clean the mesh filter. Instead, discard the collected waste in a waste bin.

Defrosting the Microfiber filter

Any water remaining inside the Microfiber filter may freeze when the temperature drops below 0 °C.

1. Turn off the Microfiber filter, and unplug the power cord.
2. Disconnect the two hoses connected to the Microfiber filter and soak them in warm water.
3. Detach the Microfiber filter from the cradle, and put it on a tray or a container. Then, move it to a warm place to defrost frozen water.
4. Mount the Microfiber filter onto the cradle, and connect the hoses back to it.

📖 NOTE

If the Microfiber filter still doesn't operate normally, repeat the above steps until it operates normally.

Troubleshooting

Checkpoints

CAUTION

Contact the service center if a problem persists, or if you encounter a problem that is not in this section.

Does not operate.

- Check if power is supplied properly.
- Check and reset the circuit breaker.

Excessive vibration or makes noise.

- Make sure the Microfiber filter is securely mounted on a solid wall.
 - Use the provided accessories to securely fasten the cradle to the wall. Then, fasten the bracket to the Microfiber filter to mount the Microfiber filter to the cradle.
- Make sure the Microfiber filter is not in contact with any other object.
- The motor can cause noise during normal operation.

Does not drain.

- Make sure the drain hose is straightened all the way to the drain system. If you encounter a drain problem, call for service.
- Make sure the drain hose is not frozen or clogged.
- Make sure the drain hose is connected to a drain system that is not clogged.
- Make sure the hoses are properly connected to the water inlet (IN) and outlet (OUT) ports.
- Make sure the drain hose is not kinked.
- Clean the mesh filter.
 - You must not remove the mesh filter while either the Microfiber filter or the washing machine connected to the Microfiber filter is operating. Before removing the mesh filter, turn off the Microfiber filter and the washing machine connected to it.
- Check if there is a drain error on the washing machine connected to the Microfiber filter. Refer to the washing machine's user manual to resolve the drain error.

Leaks water.

- Check if the mesh filter is inserted in the correct position.
 - Turn off the Microfiber filter and the washing machine connected to it, and then remove the mesh filter. Insert the mesh filter back into the main unit, and then turn it clockwise until the mark on the handle is pointing up.
- Make sure all hose connections are tight.
- Make sure the end of the drain hose is correctly inserted and secured to the drain system.
- Check the drain hose.
 - Make sure the end of the drain hose is not placed on the floor.
 - Make sure the drain hose is not frozen or clogged.

The Filter status indicator is not turning off.

- Press and hold the **Filter Reset** button for 3 seconds to reset the status of the mesh filter.
- Clean the mesh filter.
 - The Filter status indicator lights up after every 30 cycles (of washing machine) or every month, whichever comes first. Clean the mesh filter regularly for the best performance.
- Check if the mesh filter is inserted in the correct position.
 - Turn off the Microfiber filter and the washing machine connected to it, and then remove the mesh filter. Insert the mesh filter back into the main unit, and then turn it clockwise until the mark on the handle is pointing up. Then, press the Filter Reset button to reset the status of the mesh filter.

The Filter status and the Wi-Fi indicators are blinking simultaneously.

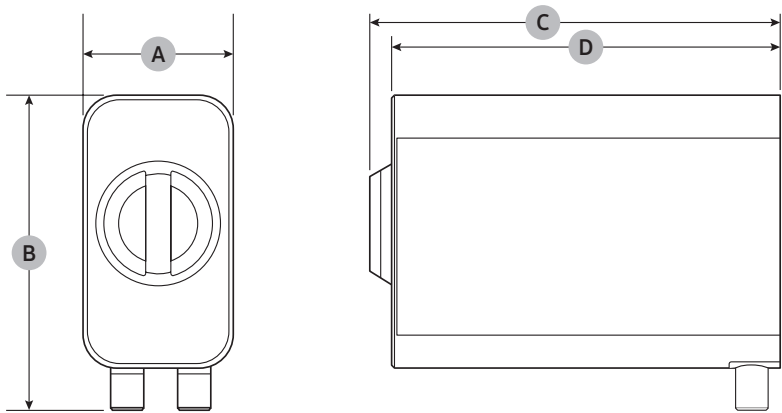
- Check if the product is installed according to the installation guide.
- Unmount the product from the wall or the washing machine, and then discard the remaining water inside the hose and the product. Then, re-install the product according to the installation instructions.
- Press and hold the **Filter Reset** button for 3 seconds.

Appendixes

Standby power consumption

Power consumption	Standby mode	0.50 W
	Network standby mode	2.00 W
	Time in networked standby mode (Wi-Fi)	10 min

Specification sheet



Type		Microfiber filter
Model name		FT-MF
Dimensions	A (Width)	100 mm
	B (Height)	215 mm
	C (Depth with filter handle and rear cover)	281 mm
	D (Depth with rear cover)	265 mm
Water pressure		0.5~2.0 Kg/cm ²
Net weight		2.0 kg
Power consumption	AC 220-240 V / 50~60 Hz	7 W

NOTE

- The design and specifications are subject to change without notice for quality improvement purposes.
- The dimensions stated here may differ slightly from the actual measurements depending on the measuring method.

SAMSUNG



DC68-04471A-00