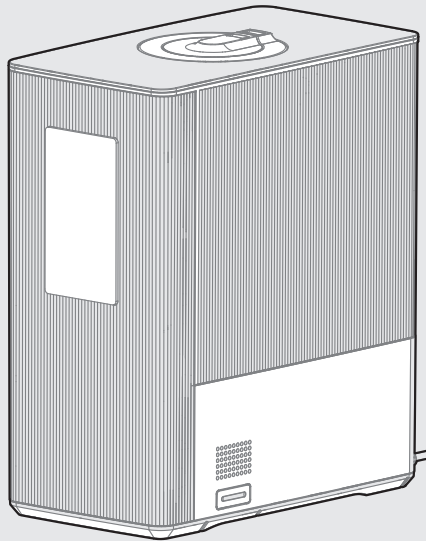




SMART 1.6 GALLON ULTRASONIC WARM AND COOL MIST HUMIDIFIER

USER MANUAL

MSU16UW6BW



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 images in the manual are for illustration purposes only and may not be an exact representation of the product.

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. Check the packaging and appliance on arrival to make sure everything is intact and included. If the product is damaged, please contact the retailer or dealer. For safe use of this appliance, no modifications or alterations to the appliance are allowed. Unintended use may cause hazards and result in the loss of warranty.

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

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



Caution

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



Attention

This symbol indicates important information (e.g. damage to property), but not danger.



Observe instructions

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

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

READ AND SAVE THESE INSTRUCTIONS

CAUTION

- Always place the unit on a smooth, flat, lint-free, non-metallic, waterproof and level surface. Keep it away from direct sunlight.
- Always place the unit 24 inches (60 cm) above the floor and 12 inches (30 cm) away from the wall, other appliances, or wooden furniture.
- Do not place the unit on a carpet, a towel or wood surface that could block the vent and may damage the unit.

WARNING

- To avoid electric shock, do not use wet hands to plug and unplug the unit.
- Do not start the unit when the water tank is empty.
- Do not add any additives into the water tank that are not produced or recommended by Midea.
- Do not put anything except water into the water tank.
- Do not add water through the mist outlet.
- While the humidifier is operating, do not touch the water inside the unit or any parts submerged in water.
- Do not cover or block the mist outlet; keep the mist outlet clear at all times.
- Do not replace the power cord without authorization from an authorized representative.
- Always ensure proper contact between the power cord and outlet.
- Never use this appliance on the same circuit as other appliances.
- Do not place the appliance near a water source.
- Do not disassemble, modify, or repair internal parts without authorization from a dealer or manufacturer representative.
- Do not climb or sit on the appliance.
- Do not store the appliance near or around flammable items, explosive items, or heat sources.
- Do not directly flush the humidifier with water.
- Always use the power button to turn off the humidifier before unplugging the power cord.
- Always use filtered or distilled water. Do not use hard water.
- Please do not use a damaged or worn power cord. Do not replace the power cord without authorization. If the power cord is damaged, it must be replaced by the manufacturer, its service department, or a professional from similar department to avoid danger.
- Power off and unplug the humidifier during thunderstorms.
- During an abnormal phenomenon (like a burnt smell), power off the humidifier and unplug the power cord.
- During an abnormal phenomenon (like a burnt smell), power off the humidifier and unplug the power cord.
- After a long period of not using the appliance, clean the water tank according to the instructions in the Cleaning and Maintenance section before use.

- To avoid bacterial growth, change the water in the water tank and base regularly.
- Always unplug the power cord before moving the appliance.
- If the appliance is tilted when filled with water, be sure to unplug the power cord immediately and send it for inspection.
- The suitable ambient temperature for use of this product: 41°F-104°F, relative humidity: <80% RH (Please use pure water with temperature less than 104°F). A tolerance of 10%RH is applied to the accuracy of the inner humidity sensor. Each sensor has its own variation in accuracy. Therefore, the measurement results of different qualified sensors will be different. Differences in measurement locations can also cause measurement differences.
- Note: During first use, mist may disperse from the bottom of the water tank for about 20 seconds. This is normal.
- Do not route the power cord under carpeting, furniture, or appliances.
- Do not cover the power cord with throw rugs, runners or similar coverings.
- Do not route cord under furniture or appliances.
- Arrange the power cord away from high traffic areas and where it will not be tripped over.

FCC STATEMENT

- This equipment has been tested and found to comply with the limits for a Consumer ISM equipment, pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
- Please note that any changes or modifications of this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This Wireless module complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
 - (1) This Wireless module may not cause harmful interference, and
 - (2) This Wireless module must accept any interference received, including interference that may cause undesired operation.

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.
- This device complies with Part 18 of the FCC Rules.
Midea America Corporation
Parisippany, NJ 07054
TEL: 1-866-646-4332

SPECIFICATIONS

Model	MSU16UW6BW
Rated Voltage	120 V~
Rated Frequency	60 Hz
Rated Power	200 W
Water Tank Capacity	1.6 gallon
Dimensions	L 11.0" x W 6.1" x H 12.9"

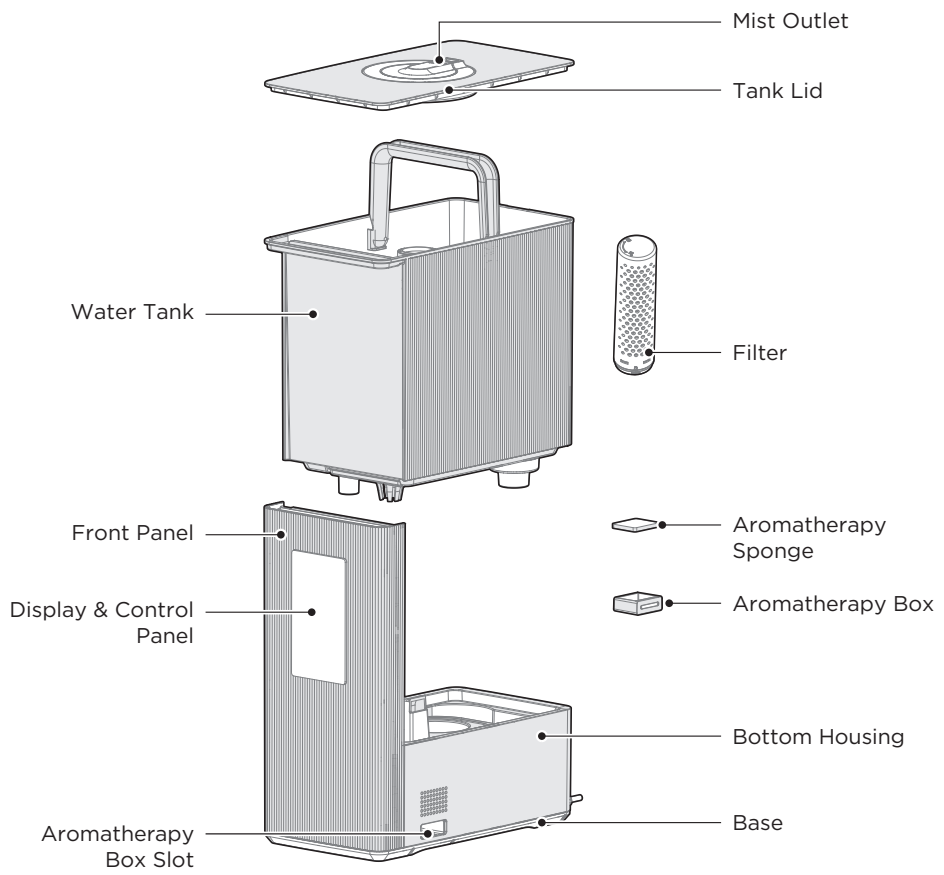
 NOTE

The specified design parameters apply to MSU16UW6BW. The measured parameters are subject to the product. The humidification amount will vary, depending on the temperature and humidity in the room.



PRODUCT OVERVIEW

Component Name



NOTE

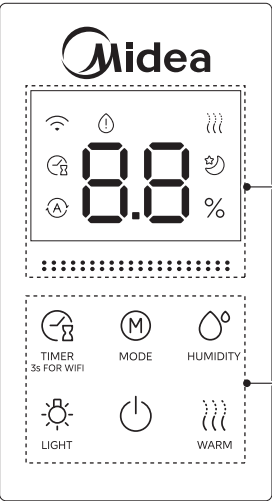
All images in this manual are for illustration purposes only.
The appearance of your actual product may vary.

OPERATING INSTRUCTIONS

NOTE

- After the unit is plugged in, all display icons (+ + + + + + +) will light up for approximately 1 second while the ambient light cycles through 7 different colors and then defaults to yellow.
- When the product is powered on, the display will stay illuminated for approximately 60 seconds before turning off. Press any button to turn on the display again.
- "--" will flash on the display screen if the water tank is not properly positioned on the base.
- "P1" indicates that water needs to be added to the water tank.

Control Panel



The diagram shows the Midea humidifier's control panel. At the top is the Midea logo. Below it is a rectangular display area containing several icons: a wireless network symbol, a water drop with an exclamation mark, a mist symbol, a circular arrow with 'A', a percentage sign, and a timer symbol. In the center of the display are large digital numbers '8.8' followed by a percentage sign. Below the display is a row of seven dots representing the mist level. At the bottom of the panel are six circular buttons labeled: TIMER (3s FOR WIFI), MODE, HUMIDITY, LIGHT, WARM, and a power button.

Indicator Light

Wireless Network Warm Mist Water Shortage Timer

Sleep Mode Constant Humidity Humidity Unit Timer/Humidity Display

Mist Level

Operation Buttons

TIMER 3s FOR WIFI MODE HUMIDITY LIGHT WARM

The current environmental humidity will display in % RH (Relative Humidity).

Button	Description
ON/STANDBY	• Press this button to power the humidifier on or return it to standby mode.
Warm Mist	• Press this button to activate/deactivate Warm Mist mode. • After powering the humidifier on, press and hold this button for 3 seconds to reset the machine's working time. • After cleaning, press and hold this button for 3 seconds to reset the cleaning reminder.
Mode	• Press this button to cycle through the available operating modes: Manual Mode → Auto Mode → Sleep Mode → Manual Mode.



Button	Description
 Humidity HUMIDITY	- In manual mode, press this button to cycle through the humidity levels: Level 01 (“01”, LED displays “.....”) Level 02 (“02”, LED displays “.....”) Level 03 (“03”, LED displays “.....”) Level 04 (“04”, LED displays “.....”) After reaching Level 04, press the Humidity button again to return to Level 01. - Auto and Sleep Mode don't support humidity level adjustments.
 Timer TIMER 3s FOR WIFI	Set Auto-Start Timer: While in standby mode, press this button to set the auto-start time in 1-hour increments: 0h (cancel) → 1h→2h→...→12h→0h. Set Auto-Shutdown Timer: While the unit is powered on, press this button to set the auto-stop time in 1-hour increments: 0h (cancel) → 1h→2h→...→12h→0h. App Pairing Mode: When the unit is powered on, press and hold this button for 3 seconds to connect to Wi-Fi.
 Ambient Light LIGHT	- Press this button to turn the light on/off. - Press and hold this button to cycle through different ambient light colors. The available colors are yellow, pink, red, orange, blue, green, and cyan.

Combination Buttons

Combination Buttons	Description
  Screen On/Off LIGHT WARM	Press and hold this combination of buttons for 3 seconds to turn the screen on/off.

Panel Display

Indicator Light	Description
 Warm Mist	• Lights up when the warm mist function is active and turns off when it is inactive. • Flashes to indicate that the humidifier must be cleaned.
 Timer	• Lights up during timer setup and after a timer is successfully set.
 Wireless Network	• Lights up when connected to the wireless network.

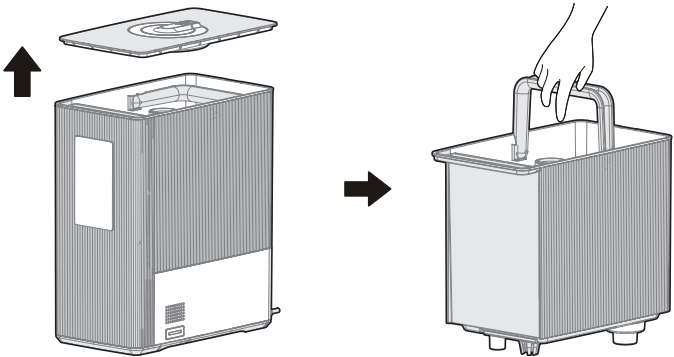
Indicator Light	Description
 Sleep Mode	Lights up in Sleep Mode and turns off in other modes.
 Constant Humidity	Lights up in Constant Humidity mode and turns off in other modes.
 Humidity Unit	- Lights up when the humidity value is displayed normally. - Lights up when the target humidity is set via the app while the device is powered on.
 Water Shortage	Lights up when water shortage is detected and turns off when sufficient water level is detected.
 Humidity Level	Displays the current humidity level setting.
 Timer/Humidity Display	- When the target humidity is set via the app, the target value blinks on the display. - When adjusting the mist level, the selected level blinks on the display. - During schedule/timer setup, the set time blinks on the display. - If an error occurs, the error code blinks on the display (see the Troubleshooting section).

Filling the Water Tank

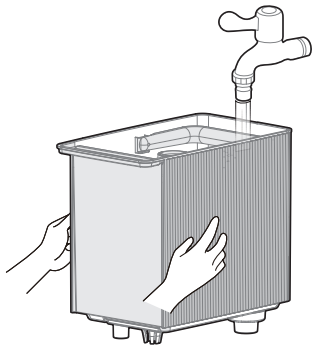
-  **NOTE**
- Always unplug the power cord before filling the water tank with water.
 - Never fill the water tank over the maximum indicator line (1.6 gallons/6 liters).
 - Do not add water through the mist outlet.
 - Never attempt to lift the water tank by the tank cover.
 - Do not add any additives (essential oils, perfume, drugs, etc.) to the water. Only add fragrance oil to the Aromatherapy Box.
 - Only use purified, filtered, or distilled water at a temperature below 104°F (40°C).

Method A

- 1 Remove the tank lid from the water tank. Use the handle to lift the water tank straight up.



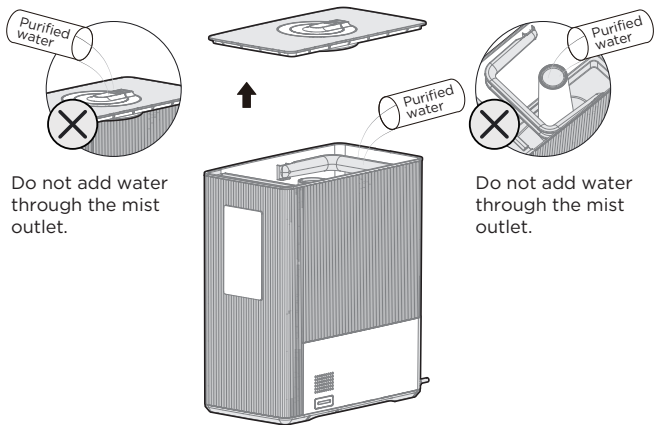
2 Pour cold or warm purified water into the water tank.



NOTE

- After filling the tank, place the water tank back in the base and cover it with the tank lid.
- Make sure the tank lid is fully seated onto the water tank.

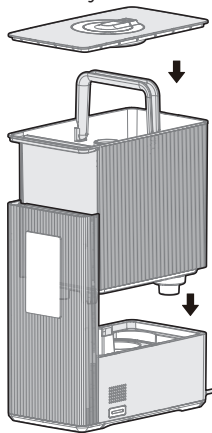
Method B



- With the water tank placed on the base, remove the lid of the tank and pour purified or distilled water into the tank.
- Ensure that you do not exceed the maximum capacity of 1.6 gallon/6L.

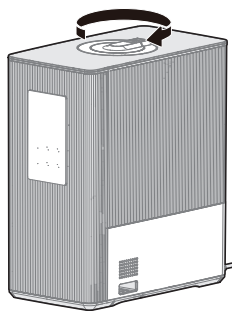
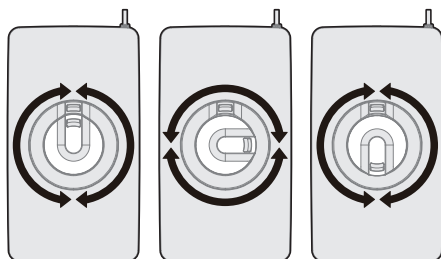
Water Tank Installation

- Place the base on a flat and level surface to ensure stability. Lower the water tank into the base, aligning the tank slot with the groove on the front panel, and push it in until it clicks into place. Make sure the tank cover is properly aligned and sits flush with the water tank when installed correctly.



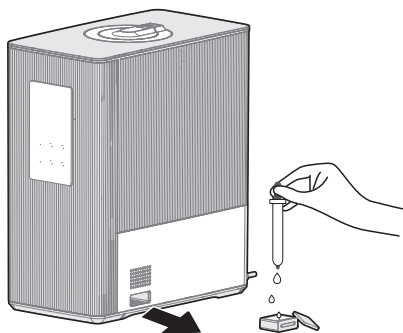
Mist Direction Adjustment

- The mist outlet rotates 360° and can be adjusted according to your preference.



How to Use the Aromatherapy Box

- 1 Press in and release the aromatherapy box to remove it.
- 2 Add essential oil to the aromatherapy sponge inside the box.
- 3 Press the box back in until it clicks into place.



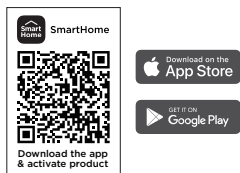
NOTE

When the humidifier runs out of water, it will stop working and "P1" will flash on the display. Add water to the water tank to resume operation.

APP SETUP AND OPERATION

Download the SmartHome app

On an app market (Google Play Store, Apple App Store), search for **SmartHome*** to find the SmartHome app. Download and install it on your phone. You can also download the app by scanning the QR code below.



Register and log in

Open the SmartHome app, and create a new account to start (you can also register through a third-party account) to start. If you already have an existing account, use the account to log in.



Connect your device to SmartHome

- 1 Make sure your mobile phone is connected to a wireless network. If it is not, go to Settings and enable wireless networks and Bluetooth.
- 2 Power on your device.
- 3 Open the SmartHome app on your phone.

- 5 If no message appears, select "+" on the page and select your device in the list of nearby devices available. If your device is not listed, add your device manually by the device category and device model.



- 4 If the message "Smart devices discovered nearby" appears, select the device to add it.



- 6 Connect your device to the wireless network following the app's instructions. If the connection fails, refer to the app's guidance to proceed. If the device is working abnormally, disconnect the wireless network by unplugging the power cord.



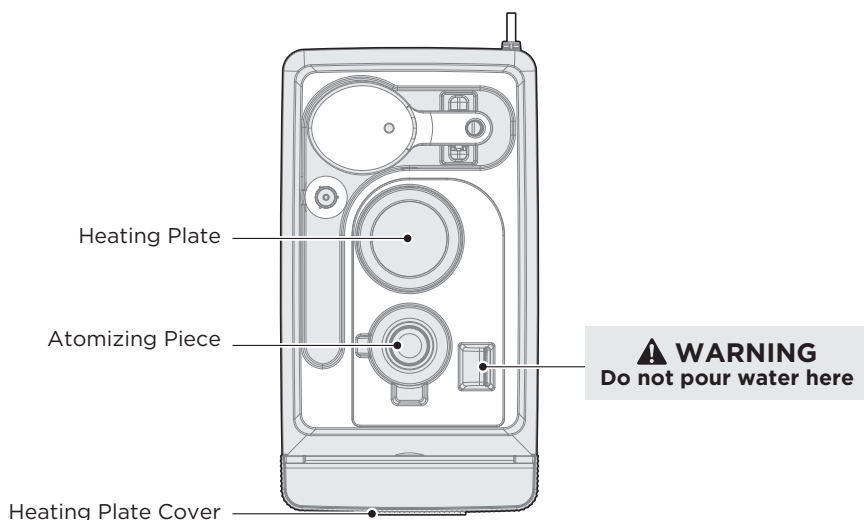
NOTE

- Make sure your devices are powered on and within the range of your mobile phone when you are connecting your device to the network.
- Connect your mobile phone to a wireless network that doesn't require authentication, such as your home wireless network. The device cannot connect to any wireless network that requires authentication, such as public wireless networks in hotels, restaurants, etc.
- Make sure your wireless router supports 2.4 GHz band and turn it on. If you are not sure whether the router supports 2.4 GHz band, contact the router manufacturer.
- Turn off the WLAN+ (Android) or WLAN Assistant (iOS) function on your mobile phone when connecting your device to the network.
- If your device needs to be reconnected to the wireless network, select "+" on the app Home page, then add your device again by the device category and model according to the app instructions.

CLEANING AND MAINTENANCE

💡 Cleaning and Reminder Instructions

- After 14 days (336 hrs) of cumulative operation, the humidifier will display a cleaning reminder and stop functioning. No features can be activated during this time. The product enters a 60-second self-check before the cleaning reminder appears.
 - Cleaning Reminder Indicators
 - (1) The display shows "CL" and blinks. The Warm Mist indicator light blinks as well.
 - (2) All buttons are disabled except for the hot mist button. Press and hold the Warm Mist button for 3 seconds to reset the humidifier's cleaning reminder.
 - After resetting the cleaning reminder, the machine resumes normal functionality.
-
- Unplug the power cord before cleaning.
 - Scale and debris must be cleaned from the heating and atomizing plates every 14 days of cumulative operation (336 hours total).
 1. Remove the water tank assembly.
 2. Mix ½ tablespoon of white vinegar with 1 cup of water to make a cleaning solution.
 3. Pour the cleaning solution onto the atomizing and heating plates.
 4. Wait for 30 minutes.
 5. Empty the cleaning solution out into a sink drain.
 6. Pour 1 cup of water onto the atomizing and heating plates.
 7. Empty the water out into a sink drain.
 8. Reinstall the water tank assembly.
 9. Press and hold the Warm Mist button for 3 seconds to reset the appliance.
 - Clean the product regularly to maintain good performance.



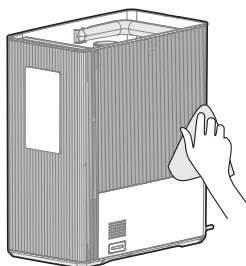
Cleaning the Water Tank

NOTE

Unplug the power cord before cleaning. It is recommended to clean the scale and debris from the water tank and base at least every 3 days.

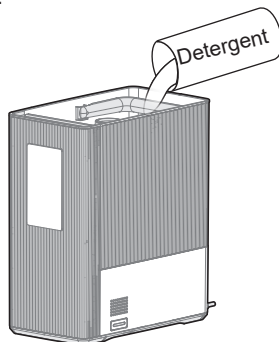
Water Tank Exterior

Wipe the exterior with a soft damp cloth and allow to dry before use.



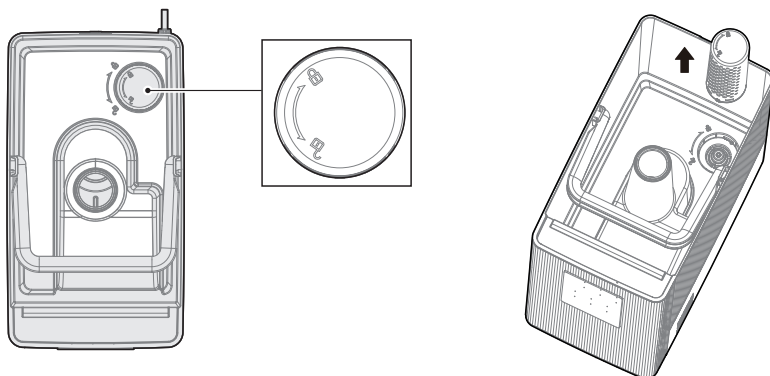
Water Tank Interior

Use a mild detergent and water solution on a soft cloth to scrub the interior of the tank. Rinse the tank and dry thoroughly before use.



Cleaning and replacement of filter element

1. Rotate the knob toward the "🔓" (unlock) symbol to release the filter. Gently pull the filter out and rinse it thoroughly with clean water.
2. Allow the filter to dry completely. Reinsert the filter into its slot, then rotate the knob toward the "🔒" (lock) symbol until the filter is securely in place.



NOTE

Clean the filter every 3-7 days and replace it promptly based on its when needed, ideally every 2-3 months.

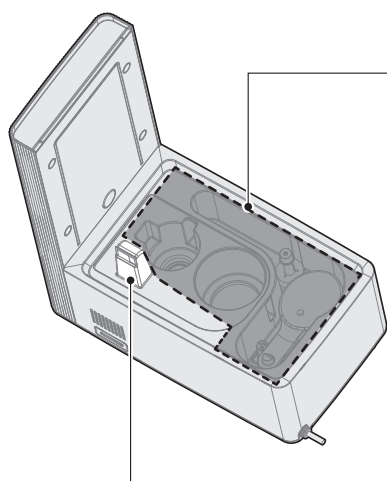


Cleaning the Atomizing and Heating Plates

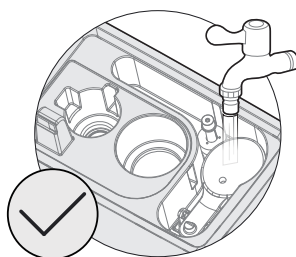
To clean the bottom housing, wash it with mild detergent and water. Rinse thoroughly, ensuring that no water enters the air vent to prevent the risk of electric shock.

⚠ WARNING

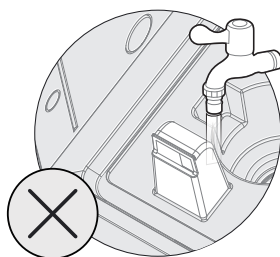
- Do not allow any water to enter the air vent during rinsing; water inside the unit may cause electric shock.
- Air-dry all components completely before reassembly.



Rinseable Areas (Safe for Water Contact)



Non-Rinseable Areas (Keep dry)



TROUBLESHOOTING

Use the following tables to troubleshoot any issues with your appliance. If none of the following solutions resolve your issue, the product may be faulty and should be returned to the manufacturer for repair.

Problem	Cause	Solution
The humidifier does not work.	• The plug may not be fully inserted.	Check whether the plug is properly inserted into the outlet.
	• There is no water in the water tank.	Add water to the tank.
	• The water tank is not in place.	Make sure the tank is in place.
Mist has a bad odor.	• The water tank or base is not clean.	Remove the water tank and clean it
Humidifier is emitting a white dust/residue.	• Using tap water with a high mineral content, aka “hard water.”	Clean the water tank and the base, and use only demineralized or distilled water.
There is an abnormal noise.	• The appliance is tilted, unstable, or otherwise not in place.	Make sure that the unit is placed on a solid, flat surface.
The water tank shows a water shortage, but is filled with water; the humidifier does not work for a long time.	• The appliance is excessively tilted at an angle that causes the water tank sensor to report a low water level.	Make sure the unit is put on a solid, flat surface and kept steady.

Fault Code	Possible Reason	Solutions
8.8	• Water shortage warning	Please add water to the water tank.
8.8	• Communication fault	Please contact Midea customer service.
8.8	• Clean reminder	After cleaning, reset the cleaning reminder to turn off the ‘CL’ reminder on the screen.



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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 improvements in function and design.

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 can be provided upon request by contacting our Data Protection Officer via MideaDPO@midea.com. To exercise your rights, such as your right to keep your personal data from being used for marketing purposes, please contact us via **MideaDPO@midea.com**.

1 YEAR LIMITED WARRANTY

Please read all the instructions before attempting to use this product.

Midea America Corp. warrants as limited herein to the original purchaser of retail that each new product, shall be free of defects in material and workmanship for a period of one (1) year from the date of delivery. This one (1) year warranty is limited to the Motor and Electric Element. The date of delivery establishes the warranty period, should service be required.

In the event of malfunctions or failure of your product, simply deliver or send the product, postage prepaid along with PROOF OF PURCHASE, within the warranty of one(1) year, to Midea America Corp.. Midea America Corp. reserves the right to inspect the claimed defective part or parts to determine if the defect or malfunction complaint is covered by this warranty. Midea America Corp. shall, within sixty (60) days after receipt of the product, at its option, repair and/or replace the defective part or parts free of charge. This warranty shall only cover defects arising from normal usage. Midea America Corp. assumes no responsibility whatsoever if the product should fail during the warranty period by reason of:

- Misuse, negligence, physical damage or accidents.
- Lack of maintenance (see instructions for proper maintenance).
- Repair by any unauthorized party during the warranty period.
- Damage caused by connection to an improper input voltage (see specification label on your product).

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Some states do not allow limitations on how long an implied warranty lasts, and/or the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

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