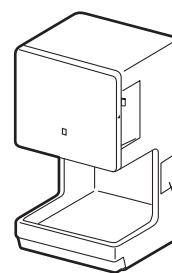


Jet Towel Hand dryer

MODEL

JT-MC106G-W-NA

Unit color	-W (White)
------------	------------



Location of Name plate indicating
Model name and Electrical ratings

Input Power: 120 Vac Single-phase
Indoor use only

INSTALLATION MANUAL

For Dealers and Installers

Read the manual thoroughly before beginning installation to ensure the unit is installed safely and correctly. Installation shall comply with local requirements and Electrical Code and be performed by the dealer or a qualified professional in accordance to local jurisdiction.






The "INSTRUCTION MANUAL" is for the customer. Be sure to hand it to the customer.




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Safety Precautions

- The dangers arising from improper handling and the extents of the dangers are classified and explained as shown below.

<div> Warning</div> <div>The following may lead to death or serious personal injury if handled incorrectly.</div>		
<div></div> <div>Prohibited</div>	<div><ul style="list-style-type: none">● Do not install in locations where they may be leakages of combustible gas. This may cause fires.● Do not install in locations where salt damage may occur or where corrosive, neutral or reductive gases are present. This may cause malfunctions.● Do not scratch, damage, process, excessively bend, pull, twist or bundle the power cable. Please also refrain from placing heavy objects onto it or trapping it. Failure to do so may damage the power cable, causing fires or electric shocks.</div>	<div></div> <div>Important ! Follow instructions.</div>
<div></div> <div>Do not disassemble</div>	<div><ul style="list-style-type: none">● Do not attempt any disassembly or modification of the unit that is not expressly stated in this manual. Doing so may result in fires, electric shocks or injuries.</div>	
<div></div> <div>Do not use in the baths/ shower room.</div>	<div><ul style="list-style-type: none">● Do not use in a hot location such as a shower room, where condensation may form on the unit or where water may splash directly onto the unit. This may cause electric shocks or malfunctions.</div>	
<div><ul style="list-style-type: none">● Wiring work shall be done by a licensed electrician in accordance with electrical and building codes. Incorrect wiring work may cause electric shocks or fires.● Use single-phase 120 Vac power. Using the incorrect power supply may cause fires, electric shocks or malfunctions.● Use delicate wiring for the power source. Using this unit with other devices on the same branch circuit may cause abnormal heat, which may cause fires.● The unit shall be installed in accordance with appropriate wiring regulations in accordance to local jurisdiction.● A means for disconnection must be incorporated in the fixed wiring in accordance with wiring rules.● The disconnecting device shall be of all-pole disconnection.● This hand dryer must have its own delicate branch circuit using AWG #12 or #14 copper wire.</div>		

 Caution The following may lead to injuries or damage to property if the unit is handled incorrectly.		
 Prohibited	<ul style="list-style-type: none"> ● Do not install when the unit (power cable) is energized. Doing so may result in electric shocks. 	 Important ! Follow instructions.
<ul style="list-style-type: none"> ● Install securely in a location strong enough to support the weight of the unit. Injuries may be caused if the unit falls off the wall. ● Wear gloves when installing the unit. Not doing so may result in injuries. 		

Pre-installation checks



Warning

- **Input Power: 120 Vac Single-phase** is used.
Using the incorrect power supply may cause fires, electric shocks or malfunctions.

■ Checking the installation environment

Do not install the unit in the following types of locations.

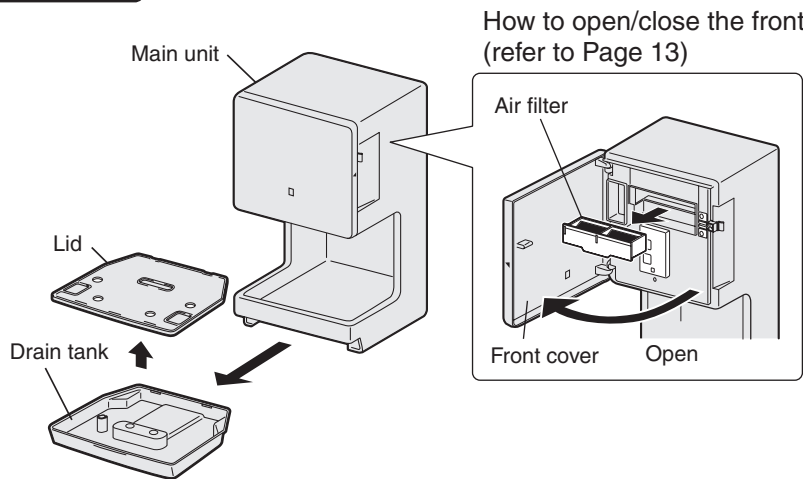
(This may cause malfunctions.)

- **Outdoors**
- **Locations where the temperature could be lower than 32°F (0°C).**
- **Locations where there is a lot of dust.**
- **Locations where the temperature could be higher than 104°F (40°C).**
- **Locations where there is a lot of condensation.**
- **Locations where salt damage may occur.**
- **Locations where the unit is in direct or strong sunlight** (may cause the sensor to malfunction).
- **In vehicles** (including ships and airplanes)
- **Locations where corrosive, neutral or reductive gasses are present.**
(This may shorten the working life of the unit and/or cause malfunctions.)
- **Near food or tableware**
- **Locations where the unit may come into direct contact with water.**
- **Kitchens**
(Where there is a risk of water splashing.)
- **Rooms that have a sterilization basin, swimming pools and baths.**

■ Checking the unit, accessories and items required for installation

Unit

※ Shaded areas in the figure indicate antibacterial material (excluding outlet nozzle areas).



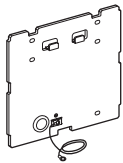
How to open/close the front cover
(refer to Page 13)

Accessories

Mounting screws 7
(5 × 30 Type 1 tapping screws)



Installation panel 1



Cord clip mounting screw
(4 × 14) 1

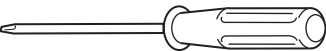


Cord clip 1



Recommended tools and hardware to be used for installation

Screwdriver



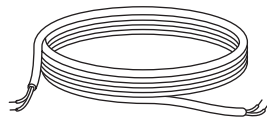
Pen



※ To mark position to insert metal screw plugs in the wall.

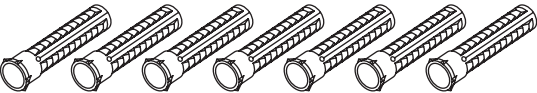
■ Prepare if required

Single wire for internal wiring
(Cable core: between 2.0mm² and 3.0mm²)



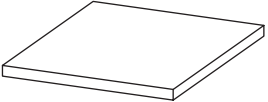
※ Not needed if the internal wiring is complete.

Screw anchor 7



※ Use on concrete walls

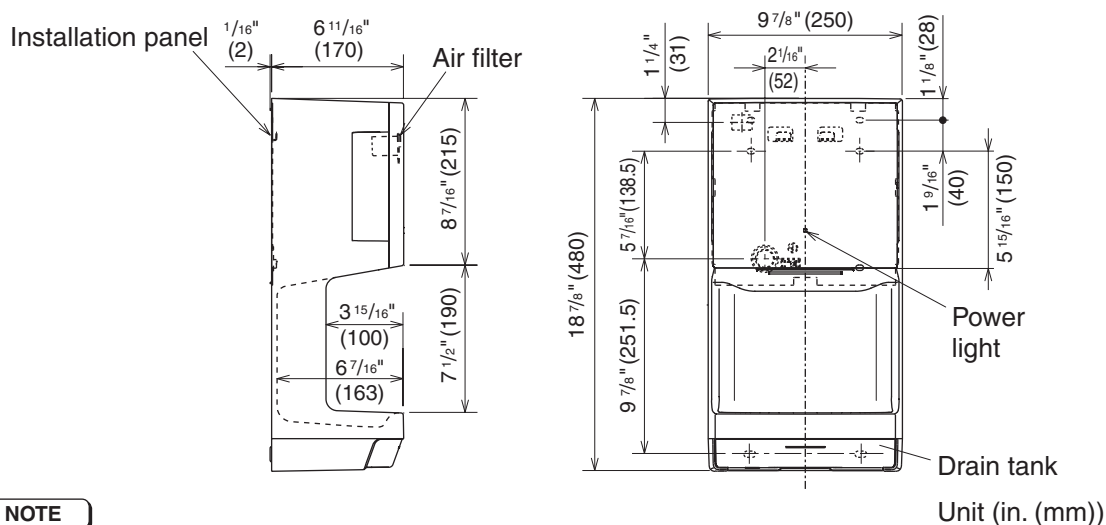
Wall reinforcement



※ Reinforces walls made of materials other than concrete.

Names of parts and external dimensions

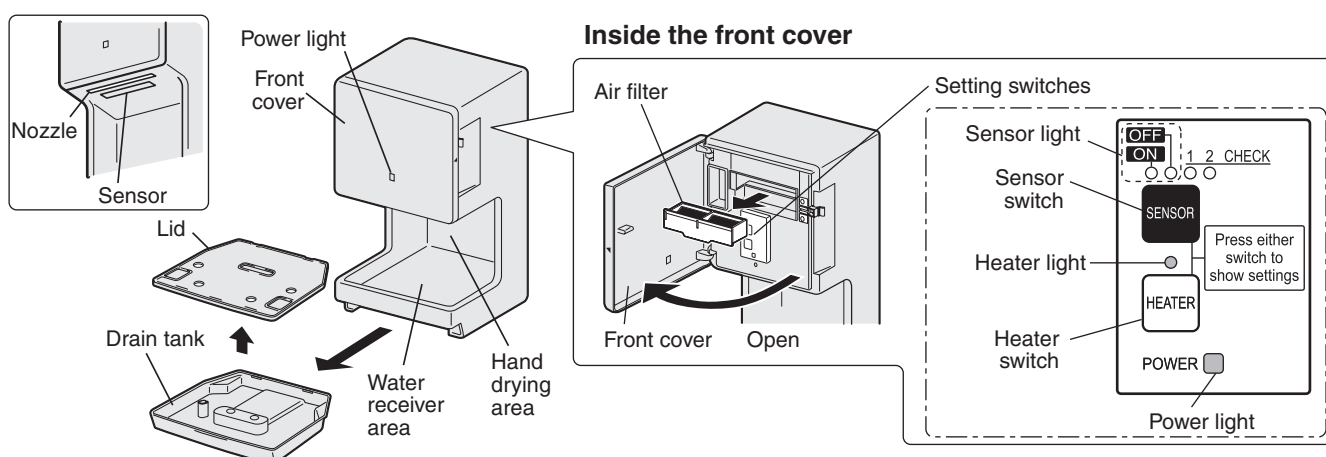
■ Main unit



NOTE

- Confirm the details in the "Installation conditions" (Page 5).

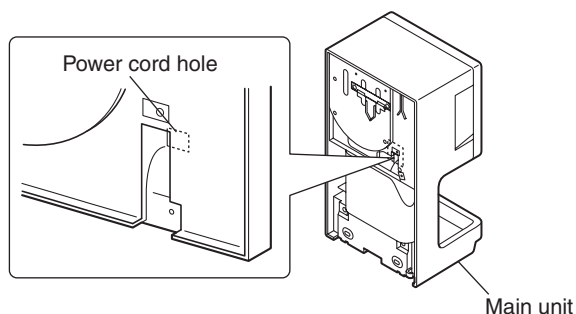
■ Front



NOTE

- Open the front cover while referring to "How to open/close the front cover" (Page 13).
- Please refer to "Turning the heater on" (Page 14) while turning the heater on/off.
- Please refer to "Turning the sensor off before maintenance" (Page 15) while turning the sensor on/off.

■ Rear



Installation conditions

Required space for installation

Caution Be sure to secure at least the distances listed in the right-hand table from walls, flammable (combustible) materials and so on.

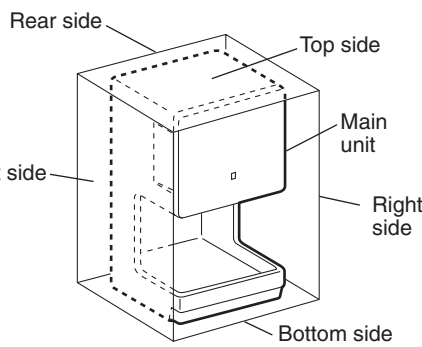
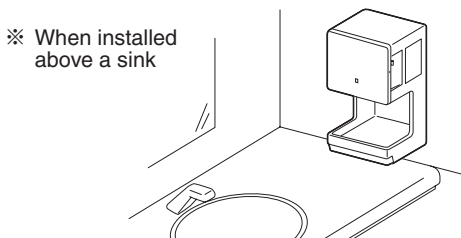
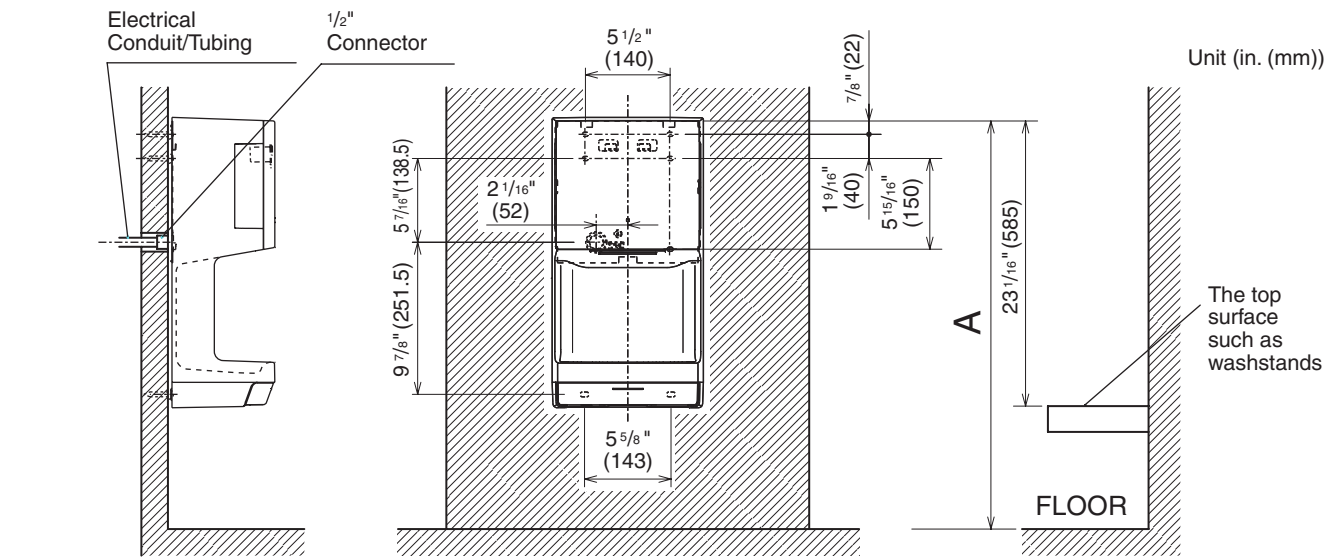
Suitable walls

- When installing on a wall, select a wall with a flat and even surface.
- When installing on a concrete wall, use commercially available metal screw plugs.
- Reinforce any walls made with materials other than concrete before installation.

Making the unit easier to use

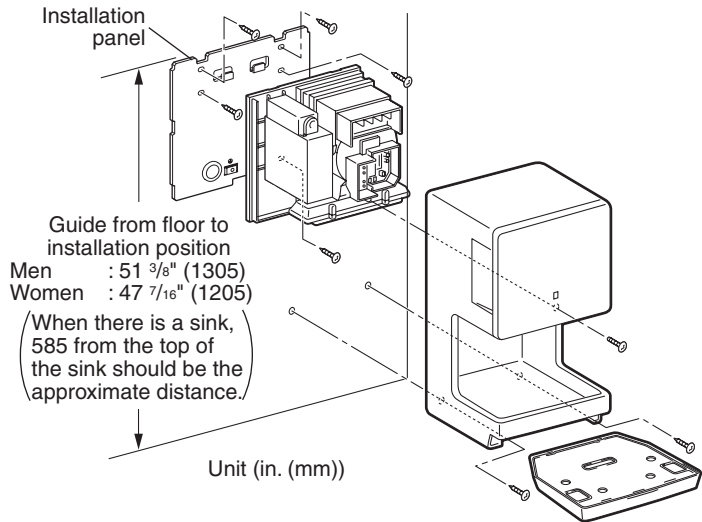
- Refer to the "Installation position guide" and "Installation diagram" while installing the unit in order to make it easier to use.
If it is installed at a low position, it may become wet when the sink is being washed. If water enters the unit, it may cause damage or cause the acoustic materials to absorb water and allow bacteria to grow.
- Do not install the main unit in locations such as those near mirrors or walls. This may lead to water drops flying to undesirable areas during the drying of the hands.
- Do not install the main unit in locations such as those near food or eating utensils. This may lead to water drops flying to undesirable areas during the drying of the hands.
- Avoid locations where people or doors might bump into the unit.

Installation diagram



Unit (in. (mm))	
Location	Isolation distance
Above	5 15/16" (150)
Left	3 15/16" (100)
Right	5 15/16" (150)
Front	Open
Below	2" (50)

Installation position guide



Recommended A measurements during installation

Unit (in. (mm))		
Space below the unit	A	
When there are no objects below	Men	51 3/8" (1305)
	Women	47 7/16" (1205)
When there is an object such as a sink	23 1/16" (585)	

Installation method

For confirmation

- ☐ **Input Power: 120 Vac Single-phase** power is being used (using the incorrect power supply may cause fires, electric shocks or malfunctions).
- ☐ The ground fault circuit interrupter is attached (not attaching a ground fault circuit interrupter may result in electric shocks).
- ☐ A single wire (cable core: 2.0mm² or 3.0mm²) is being used for the power cable.



Warning

- This hand dryer must have its own independent branch circuit using AWG #12 or #14 copper wire.
 - Use 120 Vac power.
- Using the incorrect power supply may cause fires, fumes, electric shocks or malfunctions.

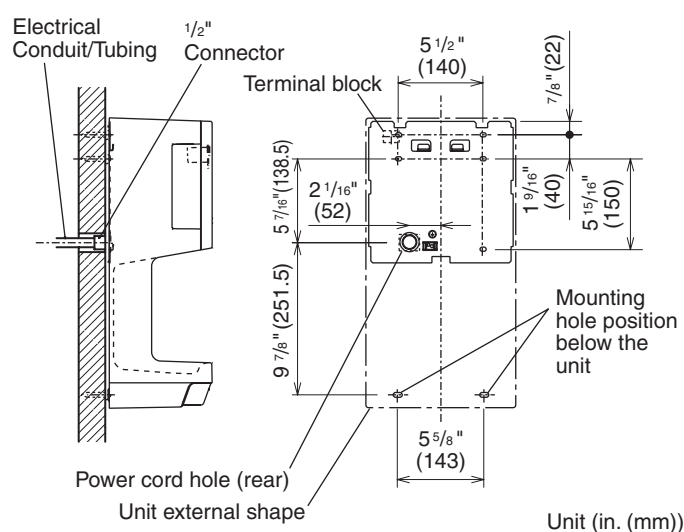


Caution

- Do not install when the unit (power cable) is electrified.
- Doing so may result in electric shocks.

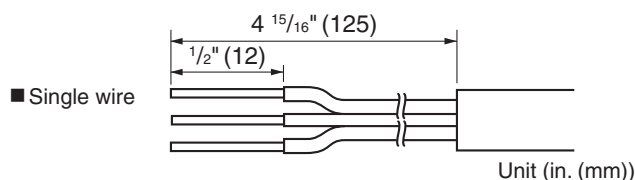
1. Confirm that the severing of wires during fixed wiring work is in accordance with wiring regulations.

- Follow the illustration on the right for the internal wiring.
- The power cable forces out the main unit and does not allow proper installation if the conduit box is not used.

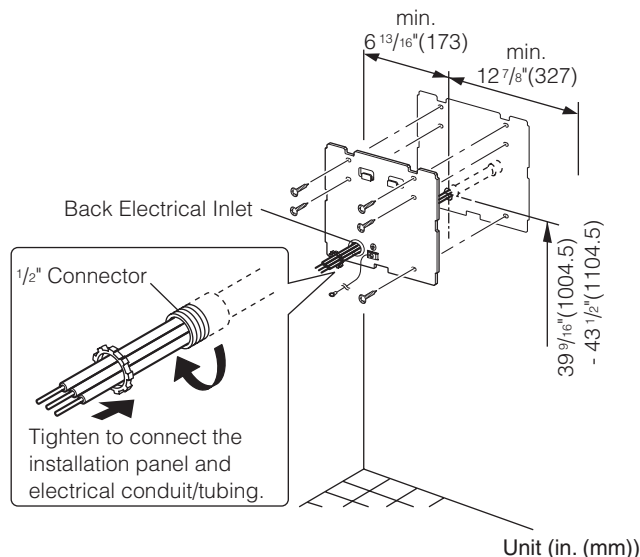


Wire it to the terminal block. (No polarity)

2. Remove 9/16" (15mm) of wire sheath from the end.

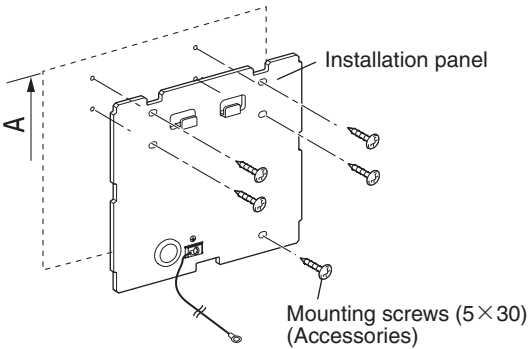


3. Position the installation panel on wall so that the back electrical inlet can be connected to the pre-installed electrical conduit/tubing with the 1/2" (16mm) connector.

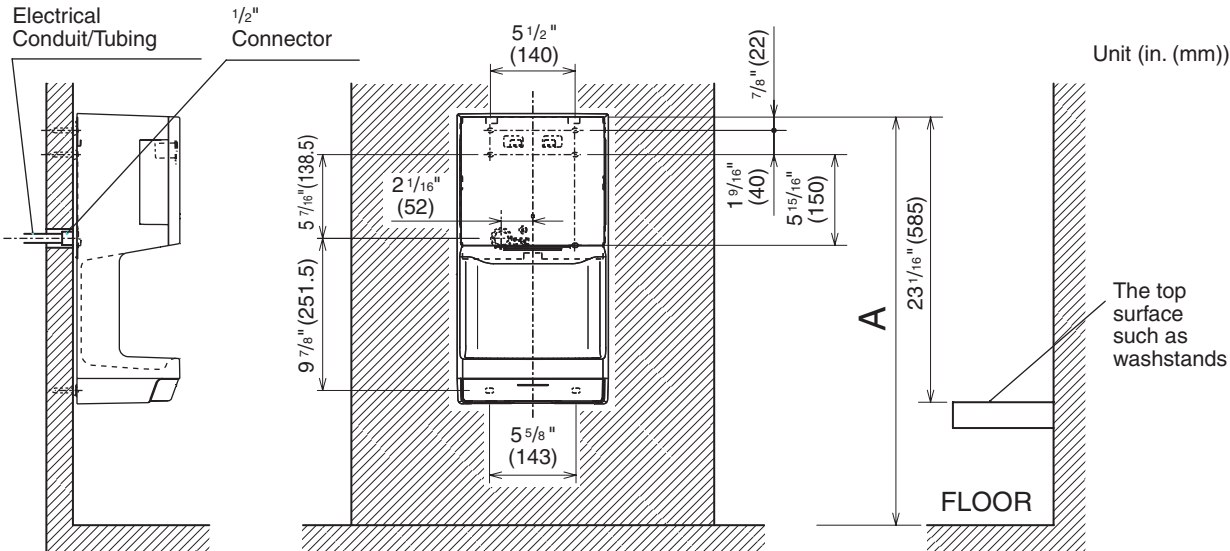


Fix the installation panel onto the wall with 5 accessory mounting screws (5×30).

- The "Installation position guide" illustrated on the right is recommended.
- When installing on a wall, select a wall with a flat and even surface.
- When installing on a concrete wall, use commercially available metal screw plugs.
- Reinforce any walls made with materials other than concrete before installation.
- ※ When installing above a sink, the recommended B measurement is 23 1/16" (585mm) above the sink.



Installation position guide

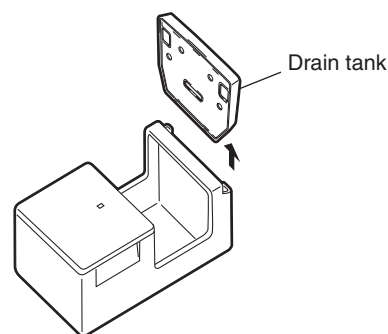


Recommended A measurements during installation

Unit (in. (mm))		
Space below the unit	A	
When there are no objects below	Men	51 3/8" (1305)
	Women	47 7/16" (1205)
When there is an object such as a sink	23 1/16" (585)	

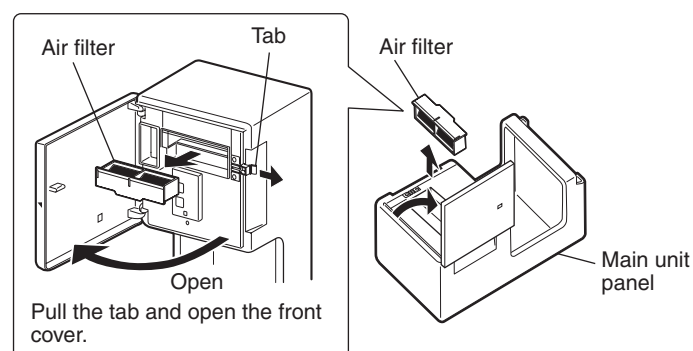
Installation method - continuation

1. Remove the drain tank.



2. Open the front cover and remove the air filter.

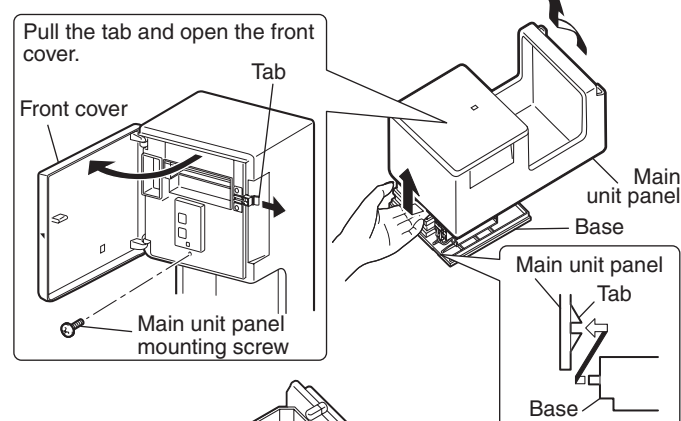
※ Refer to "How to open/close the front cover" (Page 13).



3

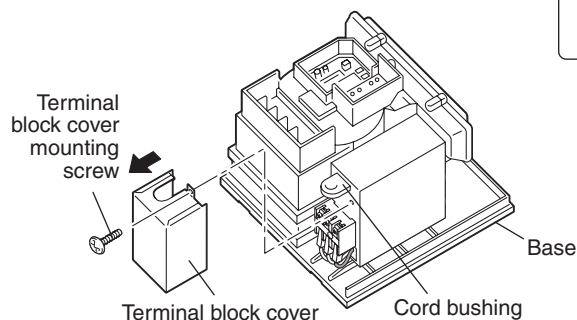
3. Remove the main unit panel mounting screw (1).

4. Unlock the upper tabs (2 locations) of the main unit panel, and remove the main unit panel from the base.



5. Remove the terminal block cover mounting screw (1), and remove the terminal block cover.

※ Be careful not to lose the cord bushing.

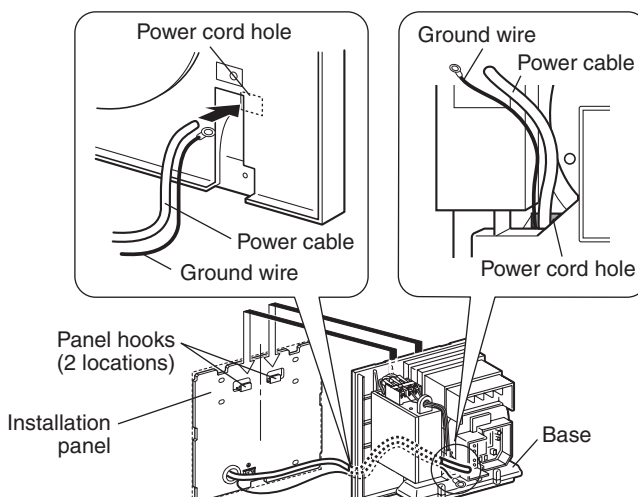


4

1. Push the power cable for exclusive wiring through the power cord hole at the rear of the base.

2. Engage the base with the 2 hooks on the installation panel.

3. Check that the power cable is not trapped behind the base.





Warning

- **Input Power: 120 Vac Single-phase** is used.

Using the incorrect power supply may cause fires, electric shocks or malfunctions.



Caution

- Make sure that the main unit does not fall as the base is not attached to the wall with screws. Injuries may be caused if the unit falls off the wall.

**Wire the power cable to the terminal block.
(No polarity)**

1. Remove 1/2" (12mm) (single wire).

2. Fix the power cable to the terminal block.

- When stranded wire is used for the power cable, attach an insulated ring tongue terminal using an appropriate tool.
- Proper torque is 1.5N·m

3. Check that the power cable is securely fixed to the terminal block.

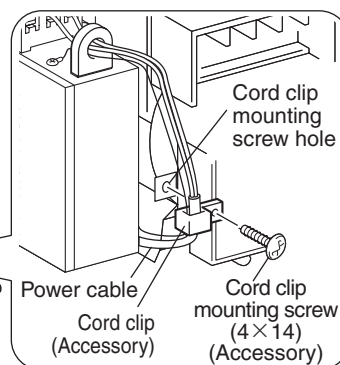
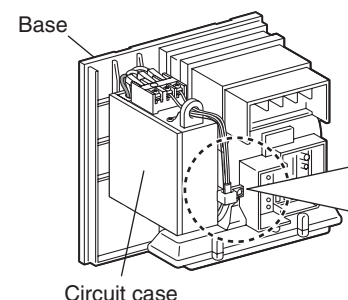
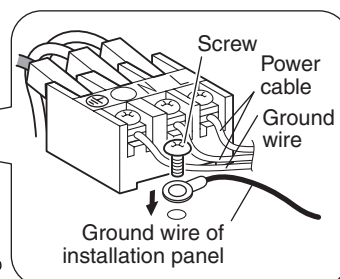
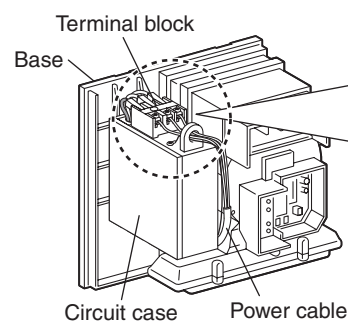
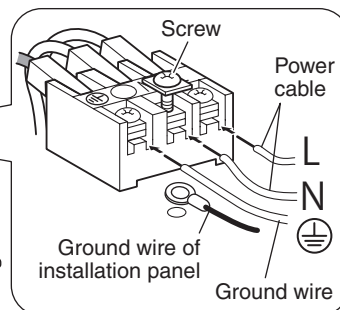
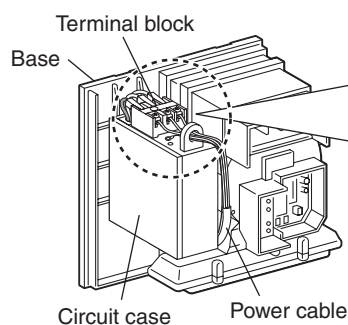
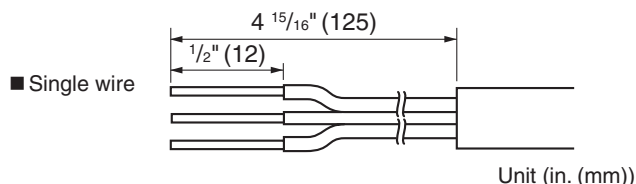
4. Fix the ground wire to the terminal block.

- Proper torque is 1.5N·m

5. Check that the ground wire is securely fixed to the terminal block.

6. Use the cord clip mounting screw hole to fix the power cable with the accessory cord clip and mounting screw (4 × 14).

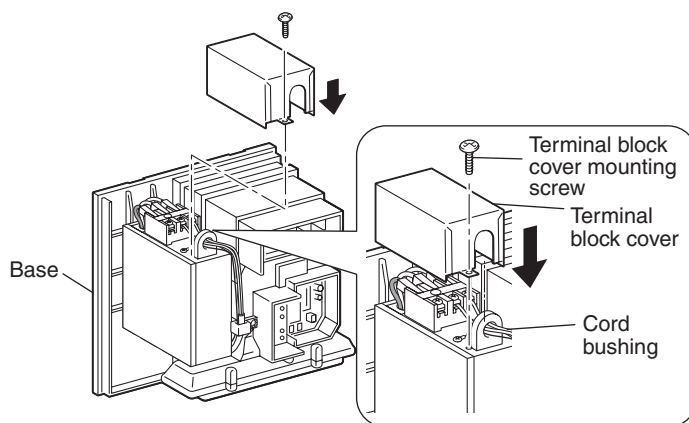
- Proper torque is 1.5N·m
- Fix it where the external wire sheath of the power cable is when it is fixed in the cord clip mounting position.
- Do the wiring so that the power cable goes through the right side of the circuit case. The main unit panel may not be able to be attached if it is above the circuit case.



Installation method - continuation

6

1. Place the power cable through the cord bushing and reattach it to the circuit case with the terminal block cover mounting screw.
2. Check that the power cable and wires are not pinched anywhere.

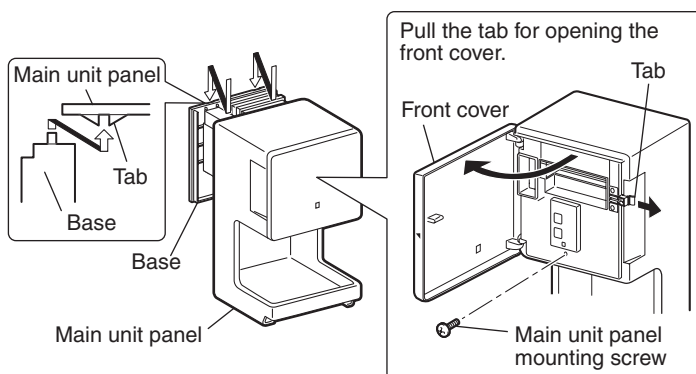


1. Insert the "Motor lead wire" into the gap of ribs on the Base.

Caution

- Check to see that the "Motor lead wire" is fitted to the gap of ribs.

2. Insert the tabs (2 locations) of the main unit panel into the locks of the base hooks and fix it with screw (1).
 - The screw is inside the front cover.

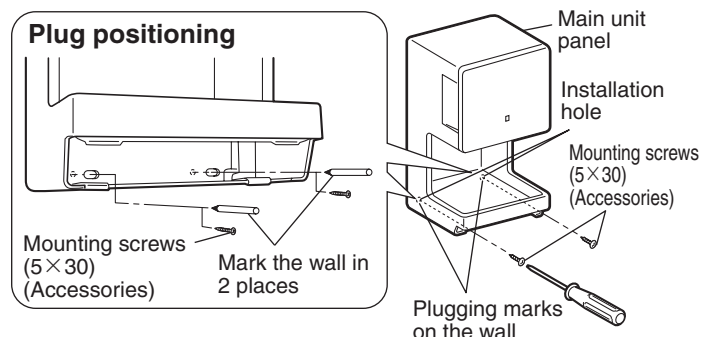


3. Check that the 2 hooks on the main unit panel are hooked in the base.

7

4. Gently press the unit against the wall, and fix it in place using 2 accessory mounting screws (5×30).

- When installing on a concrete wall, use commercially available metal screw plugs with the procedures below before fixing the front cover onto the base.
 - ① Temporarily place the main panel on the base.
 - ② Mark the position of the hole in the wall through the mounting screw hole with a pen.
 - ③ Remove the main unit panel and insert commercially available metal screw plugs into the marked locations of the wall.
- Reinforce any walls made with materials other than concrete before installation.



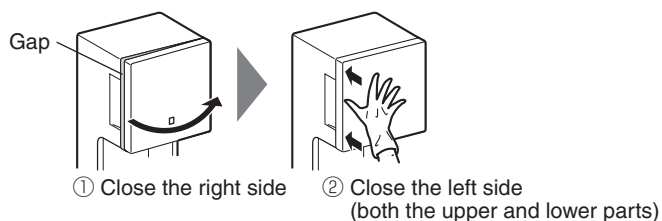
Installation method - continuation

8

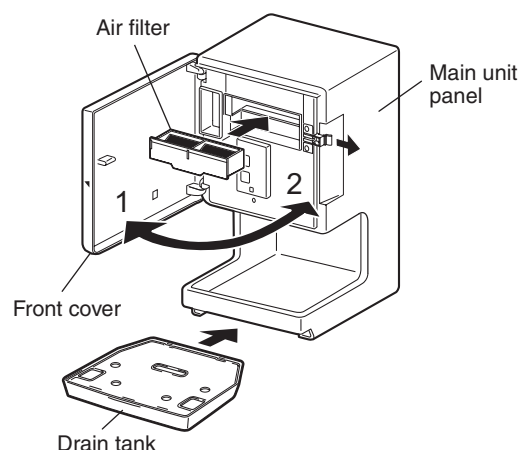
1. Open the front cover and attach the air filter.
2. Close the front cover and push the tab into latch the front cover shut.
3. Check that the front cover is securely closed.

Caution

- Check to see that the front cover is fitted securely.
Press against the front cover so that it is firmly closed against the main panel.
※ Refer to "How to open/close the front cover" (Page 13).



4. Attach the drain tank.



Test Run

	Step	What to check for	Check
1	Check the power supply voltage	Is the proper power being used? (JT-MC106G-W-NA type: Input Power: 120 Vac Single-phase) Incorrect power supply may cause malfunctions or low wind power.	
2	Turn the ground fault circuit interrupter on.		
3	Turn the sensor switch is "ON". (page 4)	Are any lights in the display on?	
4	Insert your hands to check if air is being blow. (page 4)	Is the air blowing?	
5	Turn the heater switch "ON". (page 14)	Is warm air blowing? (Even if the heater switch is "ON", the heater may not operate if it is used continually.) ※ As the heater is a simple heater, the air may not feel so warm if the room temperature is low (68°F (20°C) or below).	
6		Is the unit mounted securely without any vibration or abnormal noises?	

- The maintenance light and heater light turn off after about 10 seconds. When the sensor switch or heater switch are pressed again, the lights in the display section turn back on in the state where the settings have been made.

Caution

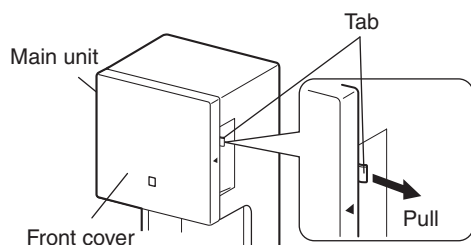
- If the power light flashes, turn the breaker "OFF", check that power light is off, and then wait for 1 minute before switching the breaker back "ON".

Initial setting checks

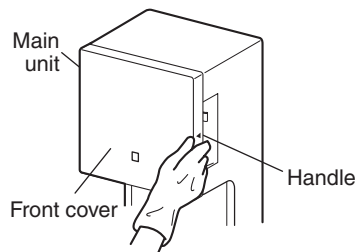
How to open/close the front cover

How to open the front cover

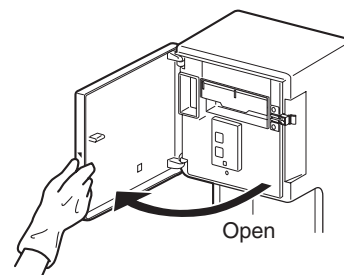
1 Pull the tab for opening the front cover.



2 Hold the handle are on the right hand side of the main unit.



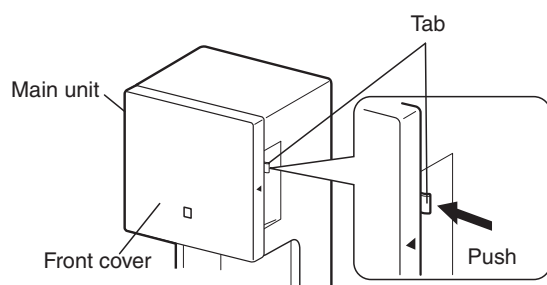
3 Open.



How to close the front cover

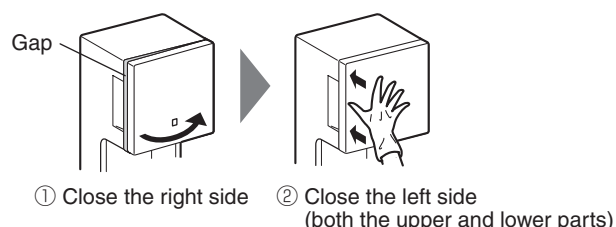
Close the front cover with the procedures for opening it in reverse.

Close the front cover so that there is no gap between the front cover and the main unit and push the tab in to latch the front cover shut.



Caution

- Check to see that the front cover is fitted securely. Press the front cover on the upper and lower parts against the main unit so that it is securely closed.



Precautions for when opening/closing the front cover

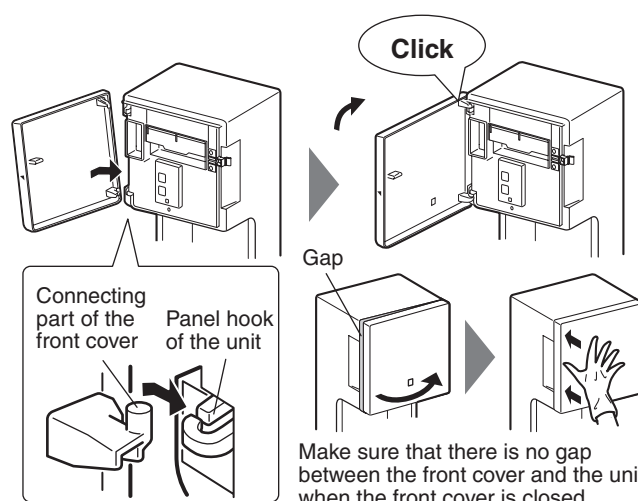
If the front cover comes off, please reattach it with the following procedures.

※ It is designed to come off in order to prevent damage if it is opened too wide.

1 Press the bottom connecting part of the removed front cover into the bottom panel hook of the unit.

2 Press the top connecting part of the front cover into the top panel hook of the unit.

3 Check that the front cover is fitted securely.



Initial setting checks - Continuation

■ Turning the heater on

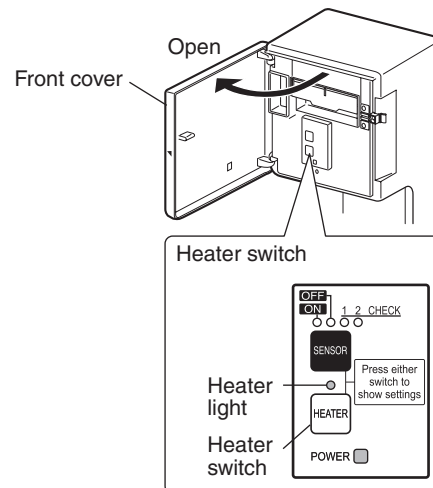
1 Open the front cover.

2 Press the heater switch or the maintenance switch and let the settings light turn on.

3 Turn the heater switch "ON".

※ The heater may not operate during continued use as there is the danger of scalding when the temperature of the warm air rises.

The air may not feel warm when the room temperature is low (68°F (20°C) or below).



Checking the settings

The heater light and maintenance light turn off after about 10 seconds after their settings are made (to save energy). To check the settings, press either the heater or maintenance switch.

■ Settings and drying times guide

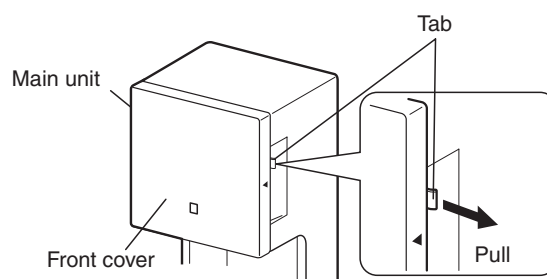
Drying times guide ※	Noise
(approx.) 13 seconds	(approx.) 64dB

※ Drying times are based on Mitsubishi measurements. (50mg of water per hand)

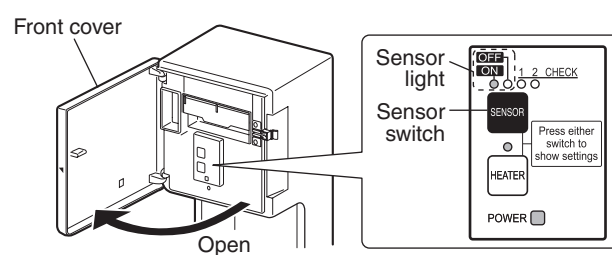
Initial setting checks - Continuation

■ Turning the sensor off before maintenance

1 Pull the tab and open the front cover.



2 Open the front cover.



3 Press the sensor switch and let the setting light turn on.

4 Turn the sensor switch "ON".

mitsubishi **ELECTRIC CORPORATION**

Tokyo Building 2-7-3, Marunouchi, Chiyoda-ku, Tokyo 100-8310, Japan