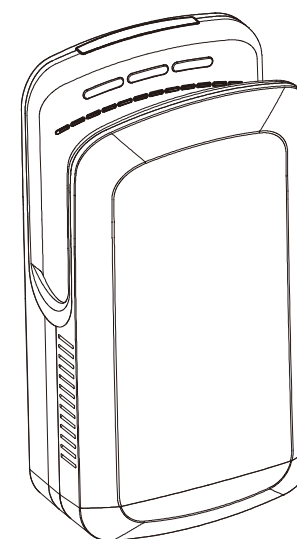


Dual Jet High Speed Hand Dryer

Usage and Installation Manual



Fenix s.r.o.

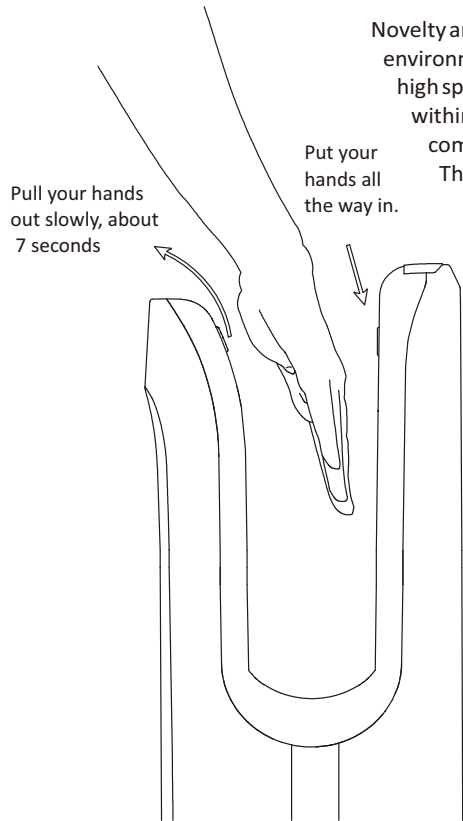
Jaroslava Ježka 1338/18a, 790 01 Jeseník
tel.: +420 584 495 442, fax: +420 584 495 431
e-mail: fenix@fenixgroup.cz, <http://www.fenixgroup.cz>

Fenix Trading s.r.o.

Slezská 2, 790 01 Jeseník
tel.: +420 584 495 304, fax: +420 584 495 303
e-mail: fenix@fenixgroup.cz, <http://www.fenixgroup.cz>

Dual Jet High Speed Hand Dryer

Using "Injection Airstream", obtain comfort and rapid drying



Novelty and beauty, economical of energy and money, environment friendly and durability. Two airstreams of high speed injection dry water drip off your hands within 7 seconds and give you convenience and comfort.

This unit is applicable to the homes, restaurants, business buildings, commercial buildings, supermarkets, hospitals and recreation places, gives you fresh experience and satisfactory use.

- Do not attempt to install the unit yourself unless you are a trained service technician. Otherwise, this may affect the safety and proper functioning of the unit.
- Read this manual thoroughly and carefully before beginning to use the unit, ensuring safety and proper function. Please keep it well for later reference.

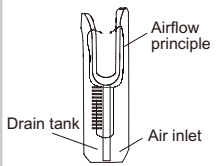
Contents

Safety Precautions	1
Using	
Part Names and indicator descriptions	3
Usage and features	4
Maintenance	5
Troubleshooting	8
Wiring Diagram	9
Installing	
Part Names and Dimensions	10
Safety Precautions before Installing	11
Installing Procedures	12
Test Run	15

Experience extraordinary comfort and convenience from Dual Jet High Speed Hand Dryer

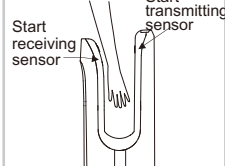
Features

1 No need windpipe



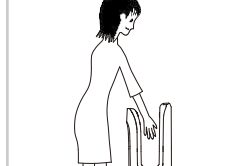
- separate air supply, quite hygienic
- No drip comes into the unit

2 High/Low Sensors



- Prevent water drops from spattering on the body

3 Design in accordance with human engineering.



- ease of use



WARNING

If you don't use this unit properly or follow the safety guidelines carefully, it would lead to serious personal injury.



Prohibited

- **Do not open the front panel.**

Otherwise, This may get an electric shock.



Do not use in the bathtub or shower room.

- **Do not use in a wet environment, for example, near the bathroom where it may get the direct water and the places where the condensation may form.**

Otherwise, this may cause electric shock and unit malfunction.



Do not allow the unit get wet.

- **Do not allow the unit to get wet.**

Otherwise, it will cause electric shock.



Prohibit disassembling

- **Do not modify and disassemble the unit unnecessarily.**

Otherwise, this may cause fire, electric shock, or personal injury.



Important!
Always follow instructions closely.

- **Use a single-phase AC 220V/50Hz power supply.**

- **Use within the required voltage, as voltage exceeding 220V + 10J will fail the unit.**

Using an incorrect power supply may cause fire, electric shock and malfunction.

- **Use separate line**

Using any other electric appliance with the same line, may cause the branch socket to become very hot and cause fire.

- **Turn off the power switch before inspecting and cleaning the unit.**

Otherwise, may cause electric shock.



Earth grounding connection

- **Ensure the unit is properly grounded.**

Otherwise, may cause electric shock during malfunction or short circuit.

- **Installation work should be done by the qualified technician.**

Incorrect wiring connection can cause electric shock and fire.

- **Be sure to install a residual current circuit breaker.**

Otherwise, this may cause electric shock.

Use a type whose contact points are at least 3mm apart.

- ※ Please use the products of CCC standard.
- ※ Recommended ground-fault circuit breaker (for ground-fault protection). (Use a single-phase 2-line, AC 220V/50Hz cable with a 20A rated current, 15mA-type rated operating current)



WARNING

If you don't use this unit properly or follow the safety guidelines carefully, it would lead to serious personal injury or property damage.



Prohibited

- **Do not let children hang from the unit.**

Otherwise, this may cause the unit to drop.



Important!
Follow instructions

- **Always use the unit with the drain tank and air filter attached.**

- **Don't allow the water comes into the unit.**

Once water enters the unit inside, short circuit or electric shock occurs.

- **Wear gloves when inspecting and cleaning the unit.**

Otherwise, this may cause injury.

- **If the unit does not start, or works abnormally, turn off the power switch and groundfault breaker and contact your dealer for inspection and repair.**

Otherwise, this may cause electric shock or fire due to short circuit.

■ **Do not use in the following places:**

- Where the ambient temperature is below -10°C or above 40°C.
- Where the unit may come into direct contact with water.
- Where the unit is under direct or strong sunlight. (this may cause sensor to malfunction)
- Where the condensation may form within the unit.





▲ **Safety precautions before installing the unit**

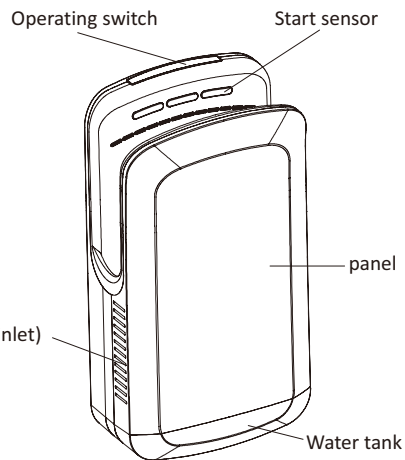
- **Do not attempt to install the unit with the power on (power cord).** Otherwise, this may cause electric shock.
- **The installation location should be strong enough to support the unit, and the unit should be installed firmly on the surface.** Otherwise, this may cause personal injury due to the unit falling.
- **Wear gloves when installing the unit.** Otherwise, this may cause injury.

Part Names and indicator descriptions



Switch and Indicator descriptions

-  **Power switch:** Press the Power switch, turn ON the power supply, power indicator lamp lights up. Press this switch for 3 seconds, turn OFF the power supply.
-  **Air Speed switch:** Press the Air Speed switch, high speed and low speed switches are changeable. Power indicator lamp is red when the high speed switch is turned on, while the power lamp is green when the low speed switch is turned on.
-  **Water level indicator:** when the drain water reaches the full line, the lamp lights, reminding you to empty the water.
-  **Forced Heating switch:** Press the Force Heating switch, the indicator lamp is red, without considering the ambient temperature.



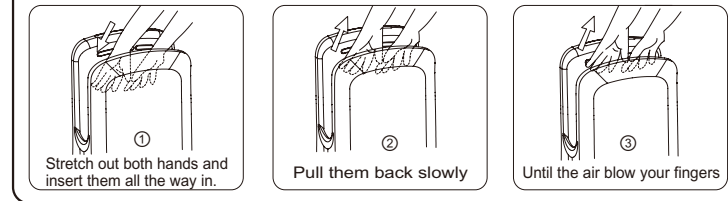
Features:

- “No touch” hand drying ensures superbly hygienic.
- The high-speed streams of air blow your wet hands fast, economical of money for paying electric charge.
- A tamper-proof timer is equipped to prevent overuse.
- No need paper and towels, simple and easy maintenance.
- No pollution, adopting the antibacterial material.
- The Deodorant Box can be added. If the Deodorant function is needed, the Deodorant Box is separately bought.
- The lamp flashes, when the drain water reaches the full line, reminding you to empty the water.

To prevent overusing the unit, the built-in timer will stop the unit after 30 seconds automatically.

Using methods

How to use the Dual Jet High Speed Hand Dryer
Dry your hands about "7" seconds

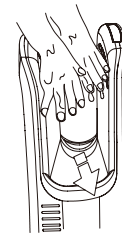


◆ Before starting to use

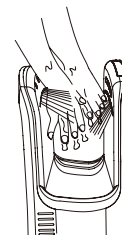
Turn on the power switch.

- The power indicator lights up.
- The lamp lights up.
- The functional indicator lamps light.

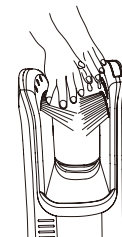
■ Using the Unit



- Stretch out both hands and insert them all the way in. The unit starts to run automatically.



- Pull them out slowly, letting the air blow the water off.



- Pull them out completely.
- Stay 6 - 7 seconds.

Special reminder:

The heating wire will start automatically when the ambient temperature is below 20 degrees. The heating will be cut off automatically, when the ambient temperature exceeds 20 degrees. If the hot air is needed, then press the forced heating to start it.

Routine Cleaning

WARNING



- Before you clean the unit, turn off the power switch.
- Do not splatter water on the unit

Caution

- Wear gloves when cleaning.

- The antibacterial coating is effective when the bacteria exposed the coated surfaces (See the shade areas on the figure)
- The antibacterial coating becomes not effective when the surfaces get very dirty.

Cleaning the exterior of unit

- **Clean the unit with a soft cloth.**
If the unit gets very dirty, clean with a soft cloth dampened with neutral agent, then clean with a dry soft cloth.
- **Remove the dirt from the sensor.** (to prevent malfunction)



Note

- Only use the neutral cleaning agents.
- Do not use thinner, acidic or alkaline toilet cleaners, or nylon brush. (Otherwise, they may damage the smoothness of surface)
Only use the alcohol to clean the hand-drying area.
(Do not use alcohol anywhere else)
ŸAlcohol here means the alcohol used for disinfection (concentration below 83%).
- If the chemical cloths used, please read their instructions first.
- Disinfecting agents will damage your unit.

Draining and Cleaning the drain tank

Before it fills up (at least once a week)

- The water blown off the hands is called “drain water”.
- Empty the drain water at any moment, in order to prevent accumulated water from exceeding the full level.
- It will start smelling if the accumulated water remains in the tank for too long time.



1

Pull the drain tank out in the horizontal direction.

This ensures the drain water does not splatter out.

Routine Cleaning

2

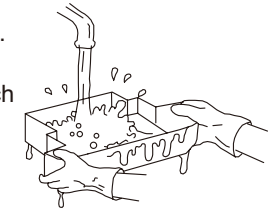
1. Open the lid and empty the water.
- Pull the lid open with your fingers upward, and then remove the lid completely.



2. Wash out the inside of the drain tank.

3. Close the water tank lid, and re-attach it to the unit as original.

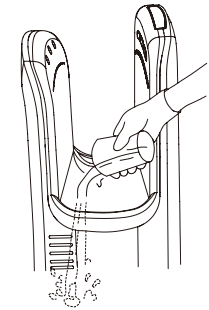
- Confirm the lid is firmly inserted.



3

3. Add 200cc (around 1 cup) of water through the drain hole. (to prevent it from getting clogged)

- Use the unit after confirming that the water tank is in place.

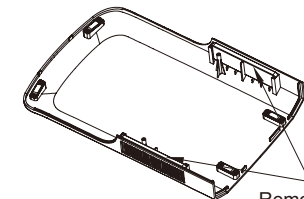
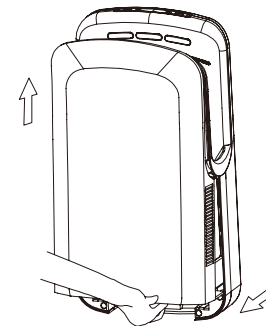


Cleaning the air filter (Once every 2 months)

Remove the air filter

- Press the position (shown in the figure) inward by hand, remove the front panel.

1



Remove the cotton filter elements (both left and right).



Note

- The cotton filter can not be washed with water.
- Do not expose to the fire.

Routine Cleaning

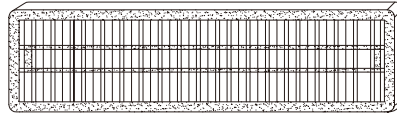
1. Cleaning the dirty from the air filter

- Tap gently by hand or use a vacuum cleaner to remove the dust
- If the air filter is particularly dirty, please replace it.

2

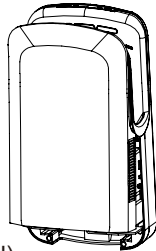
2. Re-attach to the unit. (As the original)

- Reinstall the cotton filter (both the left and right sides) securely into the securing slot in the top panel. Push it all the way inward, until it stops. (Dirt and dust may get into the unit and shorten its working life if the air filter is out of position.)

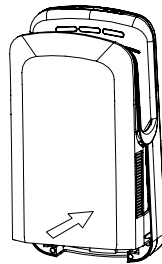


3

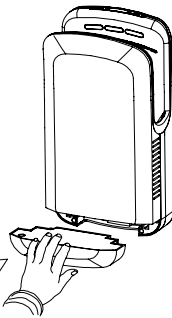
3 Re-attach to the unit. (As the original)



Align the securing slot in the top, press downward it.



After confirming it in place, press down the bottom (as the arrow direction shown), until the sound “click” appears.



Reinstall the drain tank



Note

- Press down the front panel (higher than the top of unit), keep balance with the unit (at both left and right sides), until the sound “click”

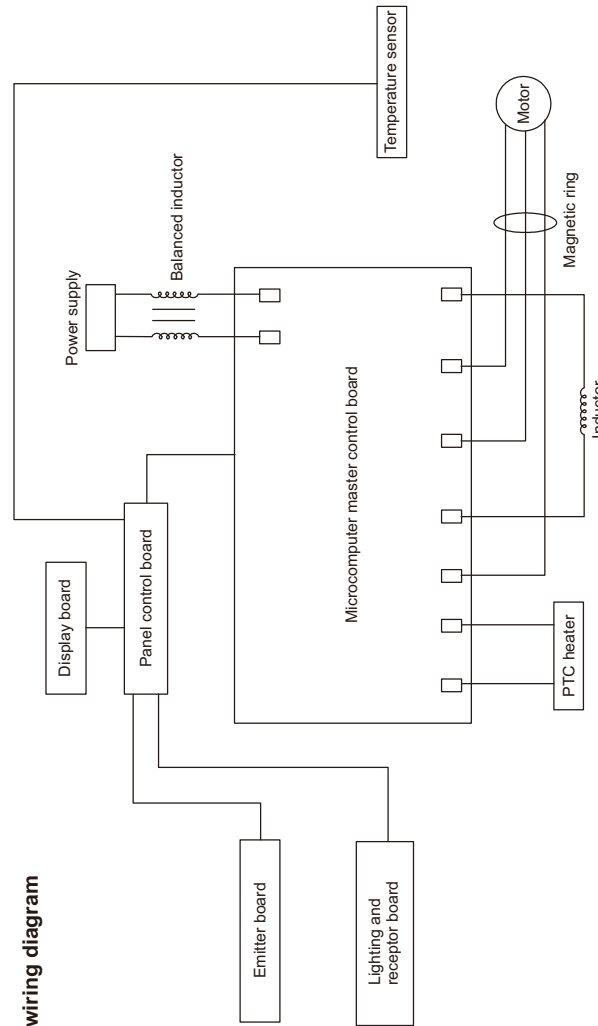
Troubleshooting

If the following problems occur, please perform checks and fix.

Problem	Check	Action
No air blows even if hands are inserted	Do the display indicators lights up? Is the power switch on? Are you putting your hands all the way in?	<ul style="list-style-type: none"> • Turn the ground-fault circuit breaker on. • Turn the power switch on. • Put hands all the way in.
The unit does not stop blowing	Is the sensor blocked by the dirt or dust?	<ul style="list-style-type: none"> • Turn the power switch off, and then, after all the lamps in the display have gone off, remove the dust matter. Then turn on the power switch.
No hot air comes out	Heater is built-in, is the heater sensor dirty?	<ul style="list-style-type: none"> • Is the room temperature over 20 ℃ Turn the power switch off. Remove the front panel, then remove the cover of terminal box, check the fuse (terminal connector) whether burnt or not.
Indicator light is flashing	If the power supply problems occur, the indicator lights up and is flashing.	<ul style="list-style-type: none"> • Turn the power switch off. Check all the indicators in the display area have gone off (around 40 seconds), then turn on the power switch again.
No power		<ul style="list-style-type: none"> • Turn off power, take down the machine and ask the technician to replace the power cable.

If the above actions do not work, turn off the power and the ground-fault circuit breaker, and call your dealer to inspect and repair it if necessary. (Costs are as per agreement with the dealer)

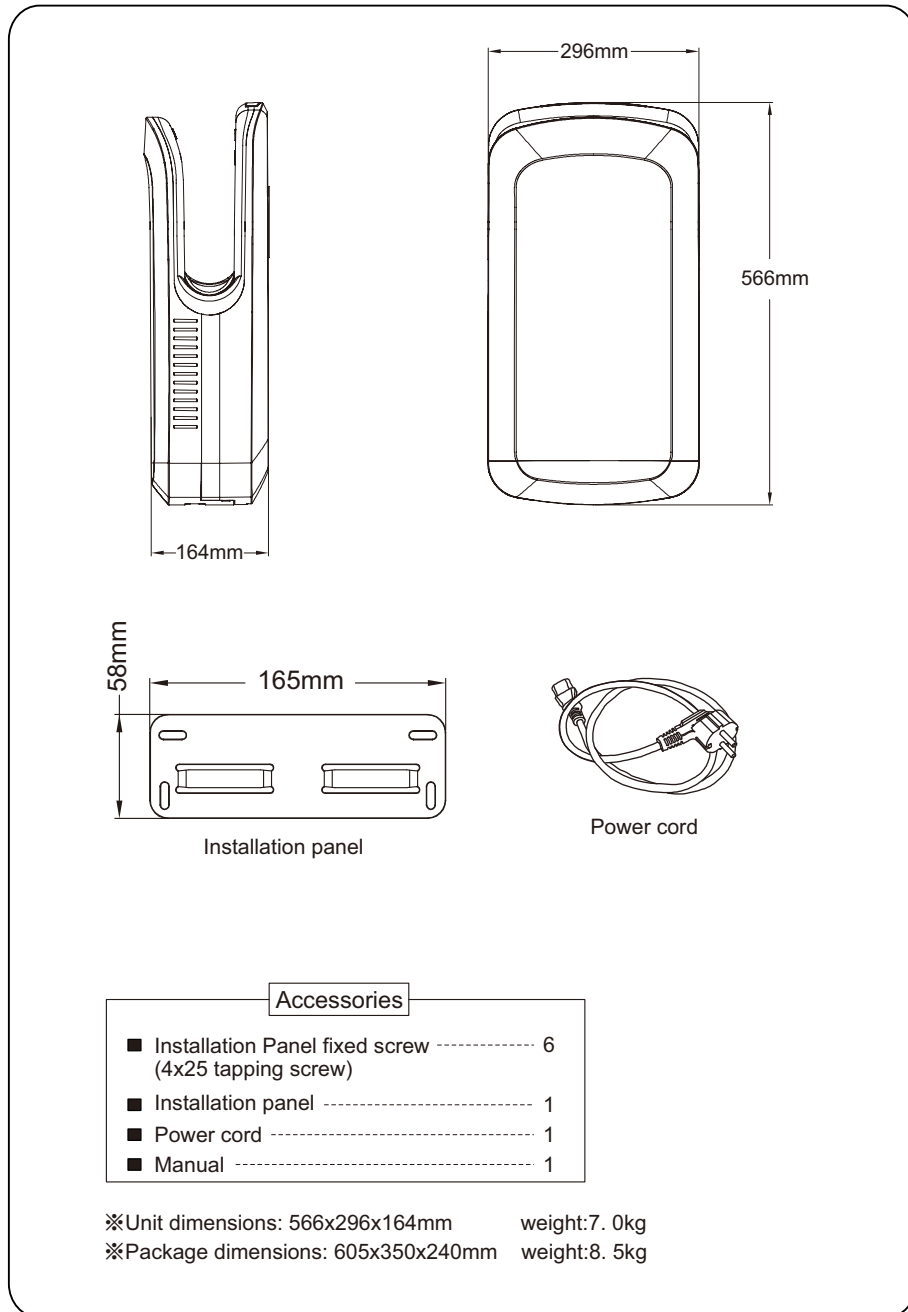
Wiring Diagram



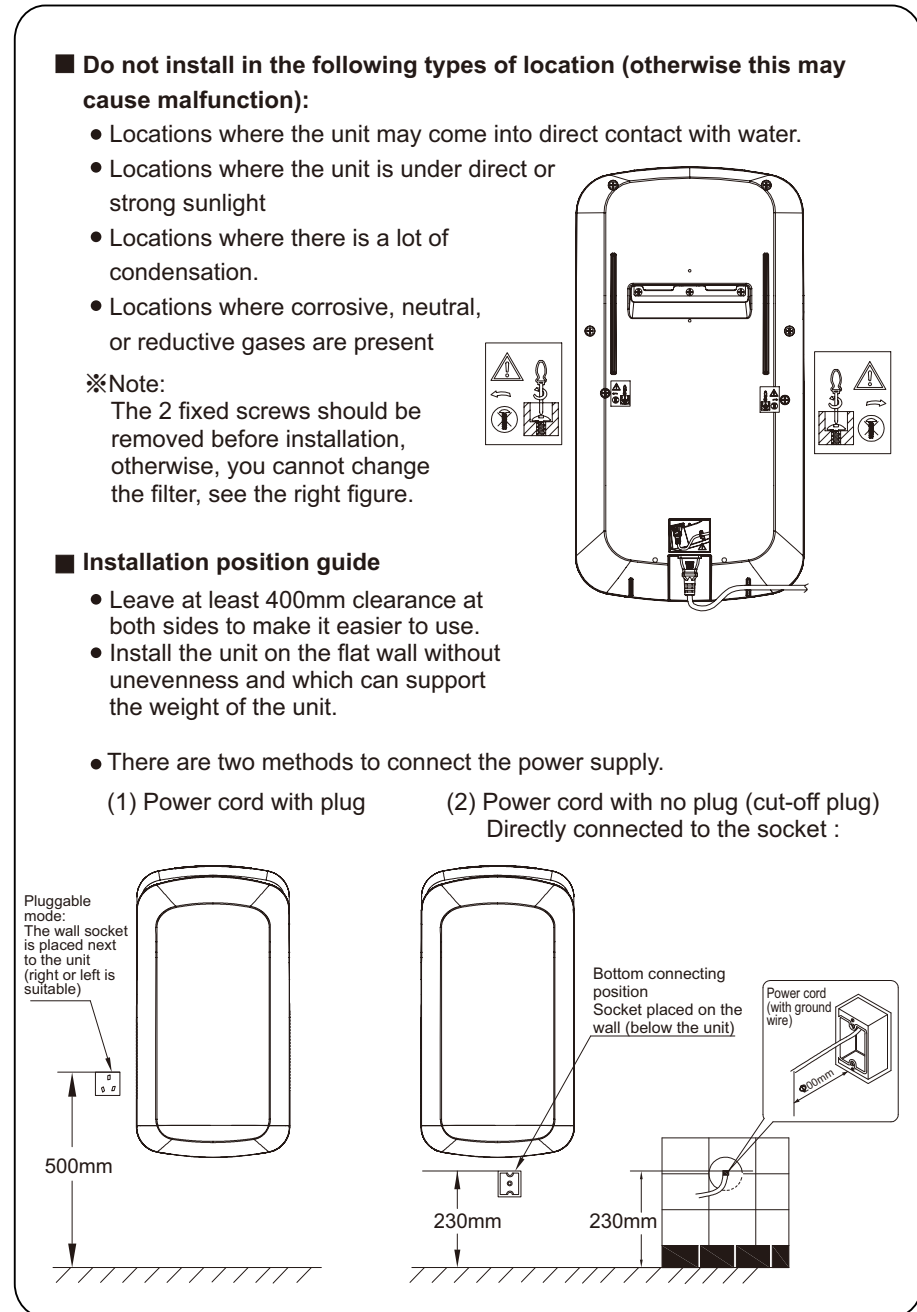
Electrical wiring diagram

Check the malfunction		○ light	● go out	☆ blinking	Causes and treatment
Fault LED	Check items				
●	Power / abnormal voltage				Check the power connection and confirm the voltage normal.
○	Tamper-proof timer				Sensor fault, continuous operation, check whether or not the sensor is blocked.
☆					

Names of components and dimensions



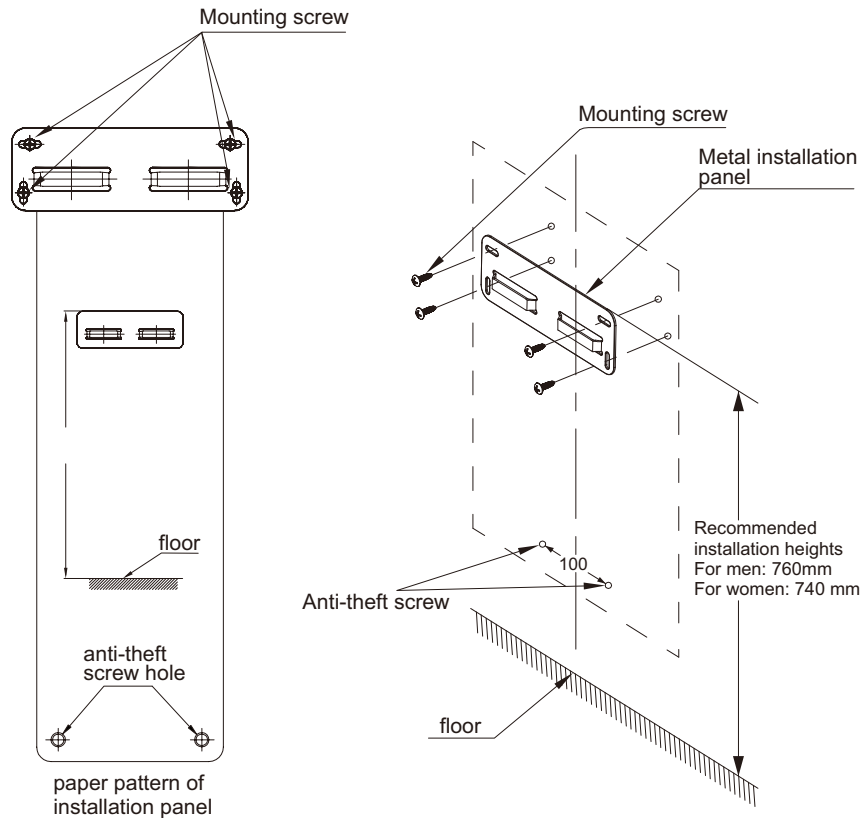
Precautions before installing



Installation diagram

■ Installation location

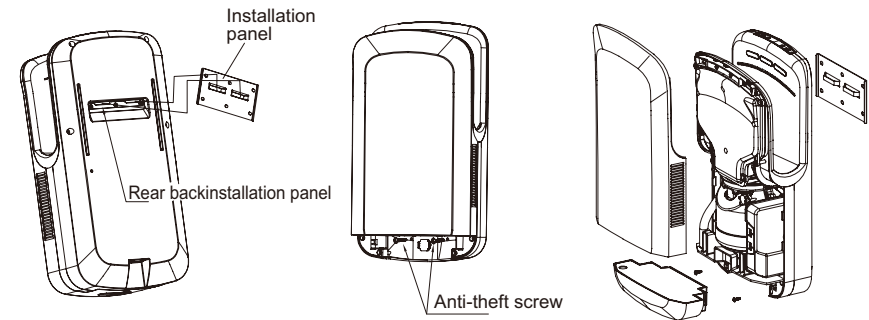
- Fix the installation panel to the wall, as shown in the below figure.
- The installing method for the installation panel:
Choose the power connection method, then mark the position according to the size of the paper pattern of the installation panel, drill the external diameter $\Phi 6$ screw holes.
- After drilling the screw holes, insert the rubber plug (attached with the unit) in the screw hose.
- Fix the installation panel with the mounting screws, as shown the below figure.



Installation Method

■ Installation position

- After fixing the installation panel, you can use hang hook in the rear cover of unit to hang the unit on the wall, as shown the left diagram.
- After hanging the unit on the wall, lock the two anti-theft screws at the bottom, as shown in the following figure.



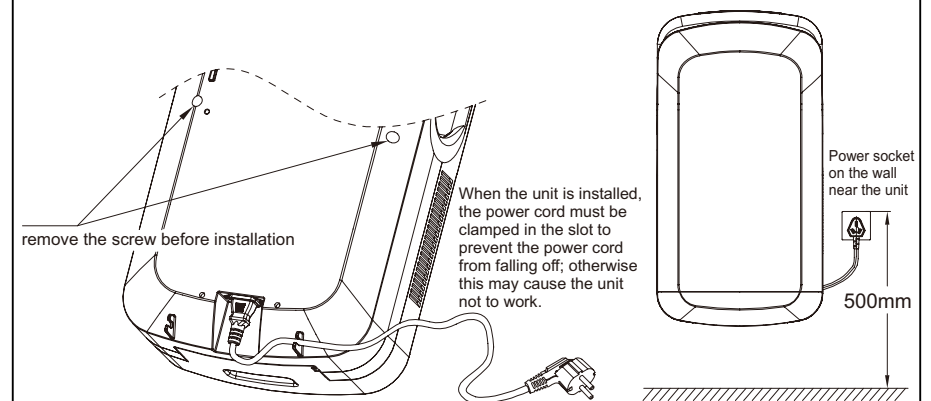
■ Power connection

- Use a single-phase 220-240V power.
- A single wire (cable core: between 2.0mm² and 2.5mm²) is being used for the power cable.

※ The first method of power line connection (pluggable):

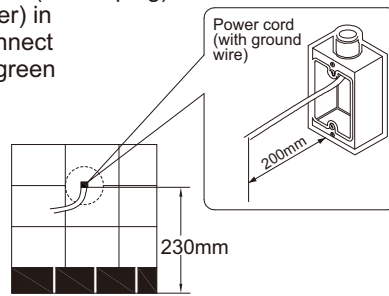
- At first, fix the socket near to the unit installation position.
- Then, plug one end of the power cord into the unit, and plug the other end into a socket on the wall.

Note! The power cord must be fixed in the wiring slot in the back of the unit.

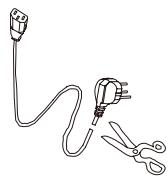


※ The second method of power connection (cut-off plug)

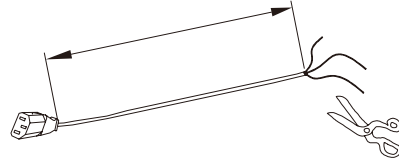
1 Embed the switch box (with no cover) in the installation position, used to connect the power line (the combination of green and yellow wires is ground wire). If not using the switch box, the power supply line will be squeezed out of the unit body and cannot be fixed firmly.



2

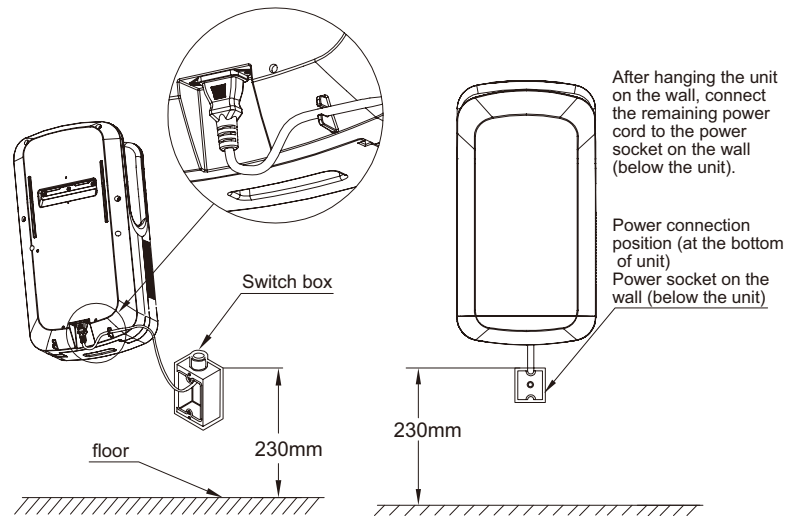


Cut off the plug of the power cord



Remain about 30cm long power cord connecting to the unit

3



After hanging the unit on the wall, connect the remaining power cord to the power socket on the wall (below the unit).

Power connection position (at the bottom of unit)
Power socket on the wall (below the unit)

Test Run

	Step	Check	Result
1	Check the voltage of power supply	Is single-phase alternating current 220V - 240V (100-120V) used?	
2	Turn the ground-fault circuit breaker on	Confirm ON	
3	Turn the power switch on	Does the power indicator light up?	
4	Dry hands	Is the air blowing?	
5	Check the unit	Is the unit installed firmly? Any vibration or strange noise?	

- * Do not turn the unit power switch on with your hands inside.
- * If the self-check indicator in the display lights or is flashing, turn off the power switch off, and turn the power back on when all the indicators go off (after 40 seconds).