

HIMPEL



HueZentte Nova

User Manual

※ Model : FHD2-C150P_NOVA

- Images and contents may change without notice to improve product specification.
- Please read the [Safety Precautions] before using the product.

Product Features

Huezentte Nova is a user-oriented bathroom ventilation system that resolves inconveniences in the bathroom, such as moisture, odor and temperature. It makes comfortable bathroom environment with various user functions.



Refreshing ventilation

It is a function that creates a comfortable bathroom environment through quick odors removal, particulate matter and bacteria with powerful ventilation.



Warm fan heater

It warms cold bathrooms during winter and helps to control body condition caused by rapid temperature changes.



Dehumidification (Drying)

It is a function that dries the bathroom with warm air during winter and with cool air during summer, removing moisture and moisture from the bathroom after taking a shower to prevent bacteria or mold.



Hair & Body drying

Dry mode helps to dry all your body from head to toe after taking a shower by using warm/cool air.

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※ Please read the following guidance before using the product.

Warnings before Installation

*Failing to follow instructions can result in injury.

01

Use only AC 220V~240V/50Hz, 60Hz voltage.

Using the product with a different voltage can cause malfunction, electronic short or fire.

02

Connect the power directly from the indoor switchboard to a dedicated line.

When connecting to a light wiring, it may cause circuit breaker blocking or fire.

03

Engage the circuit breaker before installing the product.

There is circuit short and electronic shock risk.

04

Install the product with a power outlet in 220V~240V/15mA or less circuit breaker.

There is short circuit risk and electronic shock.

05

Install the product at the stable location in the loading weight range.

There is risk of injury due to falling.

06

Electrical work must be installed by certified electrician or by the service center.

There is circuit short and electronic shock risk.

Precautions before Installation

*Following the correct guidance can prevent injury and property damage.

01

Do not install the product if the power cord is damaged.

Contact the repair shop for the power cord replacement.

02

Do not install the product at a high dust density place.

It can cause a short circuit inside the heater, resulting in fire or failure.

03

Do not disassemble, repair or modify the product.

There is fire and electronic shock risk.

04

Do not install the product nearby a heater, combustible gas or flammable substance.

There is fire and electronic shock risk.

05

When installing the product, please choose correct installation place.

There is injury risk due to falling.

06

Check the main body and grill are assembled tightly.

There is injury risk due to falling.

07

When connecting the product to an electronic switch, the current capacity per channel must be at least 8A.

Different current conditions can cause product failure, electric shock or fire.

※ Please read the following guidance before using the product.

! Precautions during Use

*Failing to follow instructions can result in injury.

01

Keep the product away from the children or the person not to handle product properly.

Those who cannot safely use the device with a heater need to be careful.

02

If the product makes weird sounds or smoke. Please turn off the product.

There is circuit short and electronic shock risk.

03

Do not touch the power unit with wet hands.

There is circuit short and electronic shock risk.

04

Do not spray water and not put the product near the fire closely.

There is circuit short and electronic shock risk.

05

When product is not used for a long time, please disconnect the power cord.

There is circuit short and electronic shock risk.

06

Do not hang laundry or insert the finger or objects inside the discharge port of the grill.

There is risk of fire and explosion.

07

Turn off the product and clean the grill.

There is circuit short and electronic shock risk.

08

Do not open the grill cover during product operation.

There is product damage risk.

09

Do not touch the discharge port during the fan heater operation or once after use.

There is injury risk from burns.

! Recommendations during Use

*Failing to follow instructions can result in product performance degradation or product failure.

01

Clean the filter periodically.

Poor filter cleaning will cause the dust accumulation on the filter to catch fire by the heater (heat) resulting in product damage and fire.

02

When cleaning the filter, Please handle the filter gently to prevent filter layer damage.

It may cause product damage and poor installation.

03

Do not clean the product by chemicals such as benzene, thinner, etc.

It can cause product fire, deformation and discoloration damage.

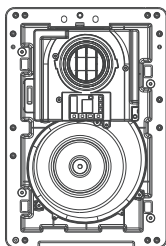
04

5m remote controller detection range is recommended.

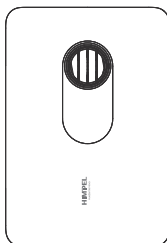
Remote controller communication range may vary depending on the environment.

※ Check whether all components below are present.

1 Product Structure



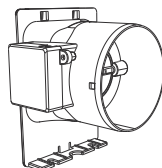
Main body



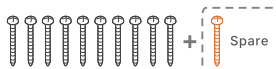
Grill



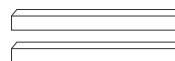
User manual (1 copy)



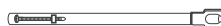
Motorized damper
(Exhaust duct)



Installation screw (11EA)



Reinforcement (2EA)

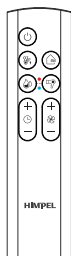


SUS band
(1EA)



3M double-sided tape
(Sold separately)

2 Remote Controller Structure



Remote controller



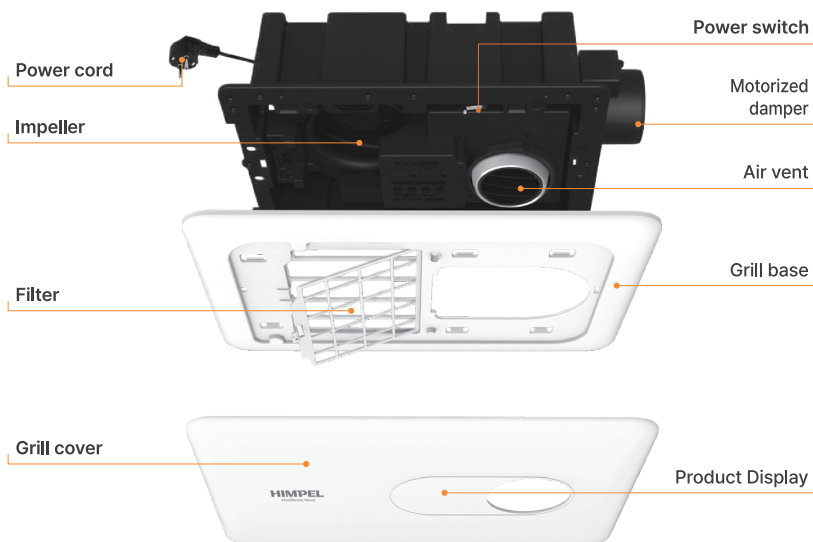
Holder



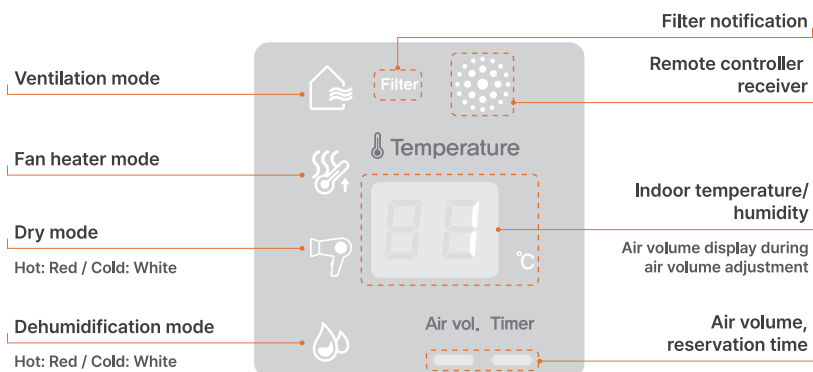
Battery (AAA) (2EA)

※ The following is names of major parts of the product.

1 Product Name

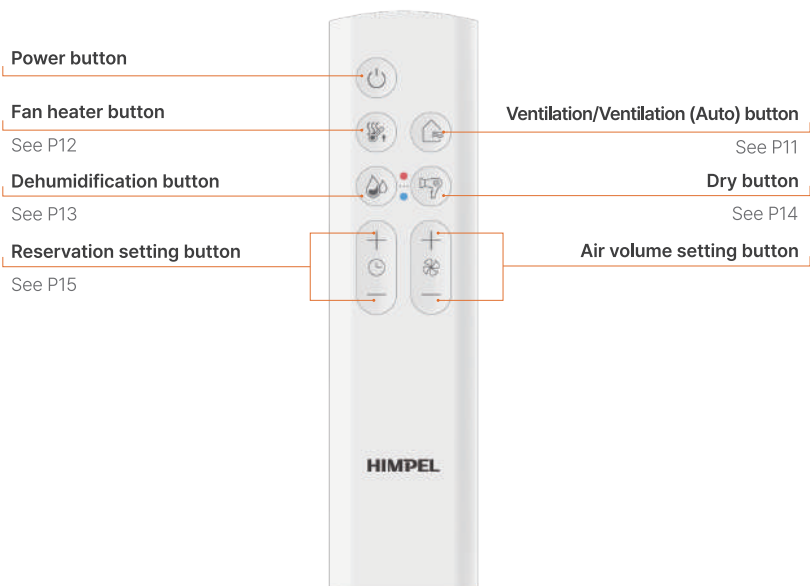


2 Product Display



※ The following is names of major parts of the product.

3 Remote Controller



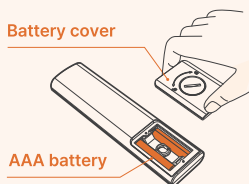
If the remote controller battery is low, the remote controller reception display flashes and the remote controller does not work. Replace the battery.

! Remote Controller Battery Replacement

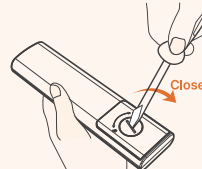
1. Open the waterproof cover using a flathead screwdriver or coin.



2. Open the battery cover and insert the battery (AAA).



3. Close the battery cover and lock the waterproof cover using a screwdriver or coin.



※ Make sure to read the following before using the product to ensure proper use.

! Tips Before Use

- If the main body and grill are not attached properly, the product will not operate.
- If the product is set to C type, to activate functions other than ventilation, press the power button on the remote controller and select the desired mode.
- When switching the operation mode, it takes about 3 to 10 seconds to prepare the transition, and some noise may be generated by the internals.
- When switching from hot air to cold air, the residual heat may generate warm air for about 30 seconds to 1 minute.
- If the filter is clogged or the temperature in the bathroom is high, cold air can come out even in fan heater setting.
Cleaning the filter or using the product only when the bathroom is cold can resolve the issue.
- If no reservation time is set, [Fan Heater Mode] and [Dry Mode 'Hot Air'] will automatically turn off after 30 minutes and [Dehumidification Mode 'Hot Air'] will turn off after 1 hour. This is a safety shutdown system to prevent fire and protect the product, and is not a failure.
- After using fan heater mode, dehumidification (Dry) mode, and hair & body dry mode, the fan operates for 5 to 10 seconds to cool down residual heat in the heater. This is a safety system to prevent fire and protect the product, and is not a failure.

Tip Ventilation mode operation setting (Wall switch type/Remote controller type)

- Product type C (Wall switch type) activates in ventilation mode when the wall switch is operated.
- Product type D (Remote controller type) requires the remote controller power button to be pushed and the desired mode to be selected. Use this method if it is not desired to activate the product in ventilation mode when turned on using the wall switch.
- To set product type C/D, press the  +  buttons on the remote controller for 5 seconds while the product is turned off, set it to 'C' or 'D', and turn the product on and off.

* Product type settings are displayed in the humidity display window.



°C

['C' type setting display]



°C

['D' type setting display]

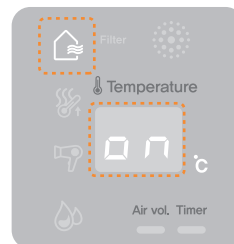
※ To operate the product, make sure to turn on the ventilator wall switch.

1 Ventilation Mode

It is the function to ventilate the bathroom for greater comfort.

1. Press the  button of the remote controller to activate ventilation mode.

- 1) Press the air volume $+$, $-$ button to set the desired air volume (Lv1~Lv4).
- 2) Ventilation mode remembers the air volume setting before turning the product off and will set the same air volume at the next operation.



[Ventilation Mode Display]

※ Installing the 2-way extended exhaust (Optional) can ventilate the bathroom and dress room simultaneously at the ratio of 7:3. (Ratio may vary depending on the flexible installation and installation site)

The indoor temperature is permanently displayed.

※ Air volume display is displayed only during air volume adjustment, and disappears in 3 seconds

※ To operate the product, make sure to turn on the ventilator wall switch.

2 Fan heater Mode

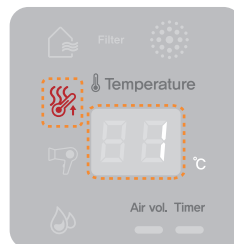
※ It is the function that creates a warm bathroom during the winter.

1. Turn on the product by pressing the  button on the remote controller.

2. Press the  button to activate the function.

1) Fan heater mode activates at [Air Volume Lv1] at the beginning.

2) Press the air volume  button on the remote controller to set the desired air volume [Lv1, Lv2, Lv3].



[Fan Heater Mode Display]

- ※ If the reservation time is not set, fan heater mode automatically stops after 30 minutes.
- ※ The indoor temperature is permanently displayed.
- ※ Air volume display is displayed only during air volume adjustment, and disappears in 3 seconds

Tip Smart Use of Fan Heater Mode

- **Before entering the bathroom!**

Set [Fan Heater Mode/Air Volume Lv3] to warm up the bathroom for 5 to 10 minutes before taking a bath.

- **During a bath!**

Maintain a constant bathroom temperature with [Fan Heater Mode/Air Volume Lv1].

※ In [Fan Heater Mode Lv3], the high air volume can feel cold if directly blown on a wet body.

※ To operate the product, make sure to turn on the ventilator wall switch.

3 Dehumidification (Drying) Mode

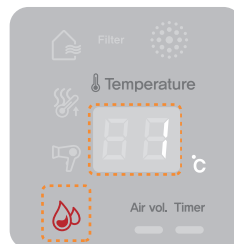
* Hot air dehumidification dries the humid bathrooms after a shower quickly, and cold air dehumidification dries it with cool air.

1. Turn on the product by pressing the  button on the remote controller.

2. Press the  button to activate the function.

1) Dehumidification mode activates at [Dehumidification 'Hot Air'/ Air Volume Lv1] at the beginning.

2) Press the air volume ,  button on the remote controller to set the desired air volume [Lv1, Lv2, Lv3].



[Dehumidification Mode Display]

3. Press the  button again to set [Dehumidification 'Cold Air'].

1) Each press of the dehumidification button shifts between [Dehumidification 'Hot Air'] and [Dehumidification 'Cold Air'].

* Cool (cold) air is air blown at a room temperature by a fan, not air conditioning.



[Dehumidification 'Hot Air' / 'Cold Air' Display]

※ If the reservation time is not set, dehumidification 'hot air' mode automatically stops after 1 hour.

※ The indoor temperature is permanently displayed.

※ Air volume display is displayed only during air volume adjustment, and disappears in 3 seconds

※ To operate the product, make sure to turn on the ventilator wall switch.

4 Dry Mode

※ Dry mode dries the wet hair and body quickly with hot air drying and refreshingly with cold air drying.

1. Turn on the product by pressing the  button on the remote controller.

2. Press the  button to activate the function.

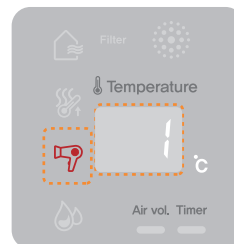
1) Dry mode activates at [Dry 'Hot Air'/Air Volume Lv1] at the beginning.

2) Press the air volume ,  button on the remote controller to set the desired air volume [Lv1, Lv2, Lv3].

3. Press the  button again to set [Dry 'Cold Air'].

1) Each press of the dry button shifts between [Dry 'Hot Air'] and [Dry 'Cold Air'].

* Cool (cold) air is air blown at a room temperature by a fan, not air conditioning.



[Dry Mode Display]



[Dry Mode 'Hot Air' / 'Cold Air' Display]

※ Dry 'hot air' mode automatically stops after 30 minutes.

※ The indoor temperature is permanently displayed.

※ Air volume display is displayed only during air volume adjustment, and disappears in 3 seconds

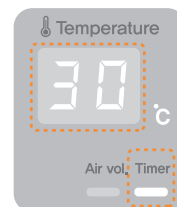
※ To operate the product, make sure to turn on the ventilator wall switch.

6 Reservation Setting

※ It is the function that operates the product for a preset time.

1. Set the desired mode and press the reservation ,  button on the remote controller to set the reservation time.

- Checks the operation time and displays the remaining time.
- Reservation setting display is displayed in the cycle of humidity
 - ▶ Temperature ▶ Reservation display.



['30 min.' Reservation Setting Example]

• Reservation time for each mode

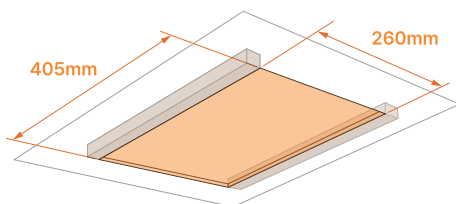
※ Dry mode cannot be reserved.

Mode	Reservation time
Ventilation mode	30 minutes, 1 hour – 9 hours
Fan heater mode	30 minutes, 1 hour, 2 hours
Dehumidification (Drying)	30 minutes, 1 hour, 2 hours

※ Reservation setting can be set for all modes except dry mode, and the product operates for the set time and shuts down after the set reservation time.

※ Read the following instructions before installing the product to ensure proper use.

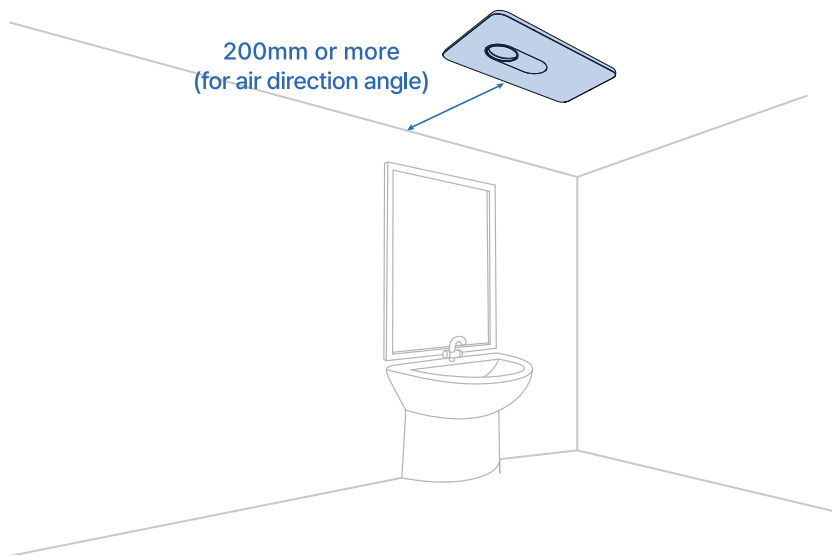
! Ceiling Installation Requirement



Hole size : 405mm x 260mm (+ 5mm)

It is recommended to install reinforcement on the ceiling after drilling a hole required to install the product in the ceiling as shown. However, installation method may vary depending on the site.

Tip Recommended Installation



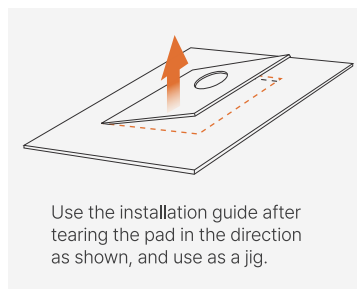
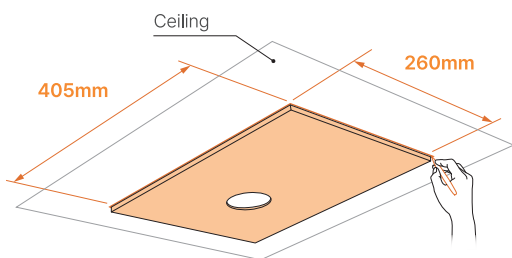
※ To ensure convenient use dry mode, it is recommended to install Huzentte in front of the bathroom mirror as shown.

However, if it is impossible to install the product in front of the mirror, adjust the installation location according to the site.

※ Read the following instructions before installing the product to ensure proper use.

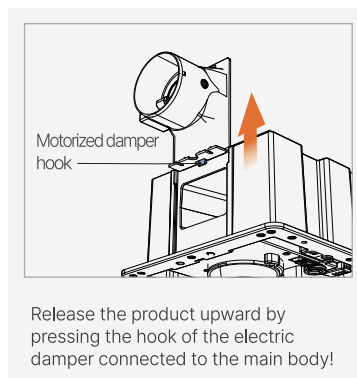
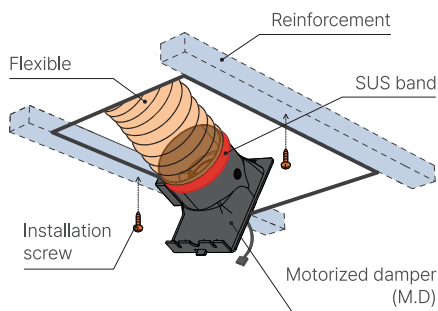
1 Perforate Installation Location

Check the location of the ceiling using the installation guide pad included in the product package before perforating it.



2 Ceiling Reinforcement and Flexible Connection

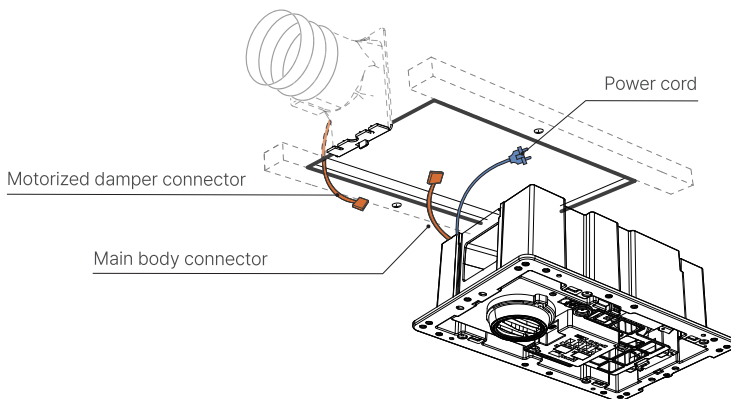
Install 2 reinforcements inside the ceiling as shown, attach the motorized damper to the flexible duct separated from the product and secure it using the SUS band as shown.



※ Read the following instructions before installing the product to ensure proper use.

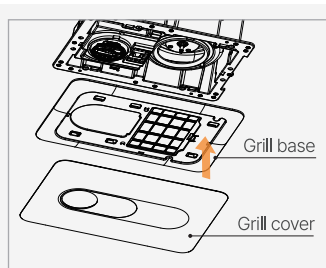
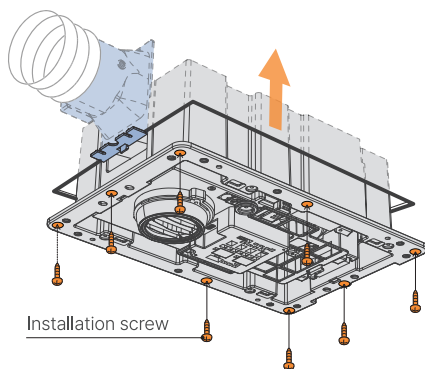
3 Motorized Damper Connector and Power Cord Connection

- 1) Connect the motorized damper connector to the main body connector.
- 2) Connect the power cord of the product to the power outlet inside the ceiling.



4 Grill Attachment and Operation Check

- 1) Insert the product into the ceiling hole, connect the main body to the motorized damper and secure the product using 8 installation screws.
- 2) Attach the grill base to the main body, attach the grill cover and check whether the product operates properly.



Attach the grill base ► grill cover in the direction as shown.

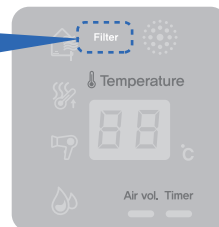
※ Make sure to turn off the product before cleaning (there is risk of electrocution or injury).

! Filter Cleaning Notification and Filter Release

- Filter cleaning timing is notified by the flashing LED displaying the corresponding text.

After cleaning, press reservation

⬆️, ⬇️ buttons at the same time for more than 3 seconds to release the signal.



[Filter Cleaning Display]

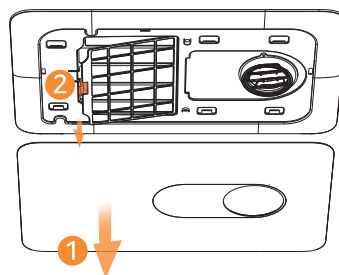
※ Make sure to clean the filter periodically!

Neglecting filter cleaning for an extended period of time, it can cause product performance degradation. (Filter cleaning notification interval: accumulated product operation 3,000 hours)

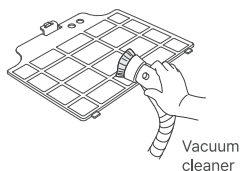
! Filter Removal and Cleaning

1) With the vent directing the right, pull the vent downwards from the top and separate.

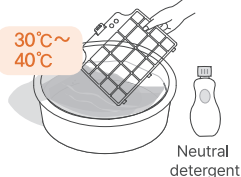
2) Push down the filter hook and pull it to remove the filter.



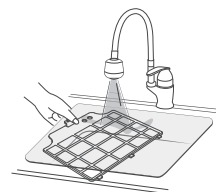
3) Remove dust from the mesh net of the filter with a vacuum cleaner.



4) Submerge the filter in water with neutral detergent, and gently scrub the filter net.



5) Rinse the filter with clean water, dry it under natural sunlight and install it back.



※ Do not bend the filter to extreme levels (Can cause filter damage and poor installation)

※ Product specification and performance are subject to change without notice to improve quality.

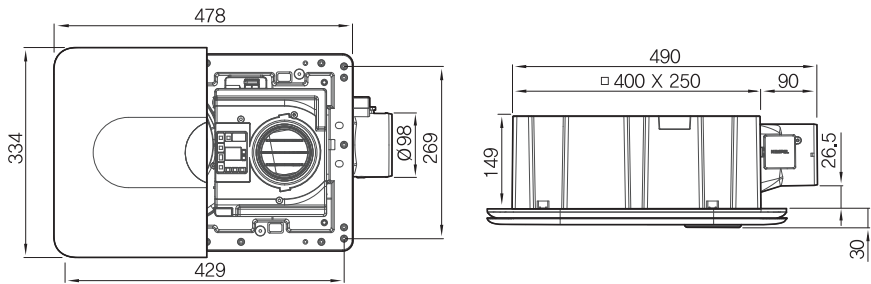
1 Product Specification

Model		FHD2-C150P_NOVA			
Division		Ventilation	Fan heater	Dehumidification/Drying	Hair & body
Air volume (CMH)	Lv4	120	-	-	-
	Lv3	90	90	90	190
	Lv2	70	80	80	150
	Lv1	50	70	70	100
Power consumption (W)	Lv4	10	-	-	-
	Lv3	7	1,150	630 (H) / 28 (C)	1,500(H) / 46 (C)
	Lv2	6	1,100	600 (H) / 20 (C)	1,300(H) / 27 (C)
	Lv1	5	1,050	520 (H) / 15 (C)	1,200(H) / 12(C)
Noise (dB)	Lv4	38	-	-	-
	Lv3	31	42	56	60
	Lv2	26	38	52	54
	Lv1	20	35	48	44
Size (mm)		485(W) X 334(D) X 149(H)			
Option		2-Way expansion exhaust (Shoe rack, dress room)			

※ Rated Voltage : Ø1, 220~240V 50Hz, 60Hz

2 Product Size

Size unit: mm



※ If there is an abnormality in the product, please check the instructions before requesting customer service.

! Items to Check Before A/S request

Q. Product does not operate.

- A.** 1) If the power cord is disconnected, the product will not function properly.
Make sure that the power cord is plugged into the outlet properly.
- 2) For the safety of the user, the product does not operate when the power switch in the product is turned off.
Open the grill cover and turn on the power switch in the product (see P10: Product Name)

Q. Ventilation does not work properly.

- A.** If the filter is not connected properly or if the filter is not cleaned for a long time, performance will be degraded.
Check the filter connection and clean the filter before using it.

Q. The product makes a lot of noise.

- A.** If the product is not installed properly, the product may make a sound.
Make sure that the flexible duct and motorized damper are properly connected.

Q. The power is turned off while the product is operating.

- A.** 1) If reservation is set, the product will operate until that time and stop.
Operate the product again with the desired mode.
- 2) Even without reservation setting, the product features a safety shutoff system in [Fan Heater, Dry 'Hot Air'] turns off the product after 30 minutes and [Dehumidification 'Hot Air'] turns off the product after 1 hour. Operate the product again with the desired mode.

Q. On the product display, the check display turns on.

- A.** Motor or sensor issue may be the cause.
Check the error code and contact the "Customer Service Center" to resolve it.

! Check Notification Error Code

* Check the error code on the product display.

E0 Communication

E4 Heater sensor

E1 Fan (Motor)

E3 Temperature sensor

MEMO

HIMPEL

MEMO

HIMPEL

Product Warranty

About Product Services

HIMPEL provides product warranty as grounds mentioned below under Consumer Compensation for Damage Regulation. HIMPEL Co. Service or dedicated cooperative companies will provide customer service when requested. Compensation acceptance notification is provided within 7 days and actual compensation for the damage is provided within 14 days.



Product Name		Model Name	
Purchase Date		Purchasing Price	
Store where Purchased			

Customer Service

You have a right to be entitled for free of charge 1 year guaranteed service if damage occurs when using the product. However, if the damage was caused by customer fault or natural disaster, the service will be provided of charge even during the free of charge guarantee period.

A/S fee consists of technical fee, price of the parts, and visitation fee.

1. Technical fee refers to an expense occurring for diagnosis, repair or change of broken parts, adjustment, and inspection after completion of repair.
2. Price of parts refers to parts or additional material used for repair.
3. Visitation fee refers to an expense occurring for A/S technician to visit the site as per the request from the customer.

Free of Charge Services

During guaranteed service period, repair or change of device/product caused by its defect is provided for free of charge, excluding customer fault caused by negligence.

Below grounds show applicable cases for free of charge services.

1. Excessive noise caused by unbalanced fan or any other odd conditions
2. Remote control display not matching with actual operation of the product
3. Fan not operating properly even when the power on

Services of Charge

1. Abnormality occurred caused by removing and reassembling of parts on the customer's own
2. Product damaged by missing wiring
3. Change of filters or grill cover of enthalpy exchanger
4. Routine inspection and repair



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* Product specifications and performance may be changed
depending on quality improvement or
installation environment without notice.