

HIMPEL

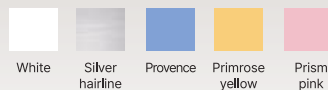


HueZentte Palette

User Manual

* Model : FHD2-C150P_PALETTE, FHD2-C150P_PALETTE_VE3

- Images and contents of this manual may change without notice to improve product performance.
- Make sure to read [Safety Precautions] before use to ensure proper use.



Product Features

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



Refreshing ventilation

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



Warm fan heater

It warms cold bathrooms during winter and reduces health risks caused by rapid temperature changes.



Crisp 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 a shower to help prevent bacteria or mold from forming.



Hair & Body drying

Conveniently dry from head to toe after a shower using warm/cool air and enjoy the comfort after a busy or exhausting day.



Health care music therapy

Start and finish a day²⁾ in the bathroom with music used in oriental medicine music therapies.¹⁾



Bluetooth speaker

Connect a smartphone to the built-in Bluetooth speaker and enjoy the time in the bathroom with music.



Voice notification

Voice notification is used to improve bathroom experiences to meet consumer needs. Smart voice notification autonomously provides product status information to the user.

1) Oriental music treatment is a field of study based on the mind-body balance that controls the yin-yang (陰陽) balance of the body and activates physiological functions to prevent and treat diseases (advised by Prof. Lee Seung-hyun, director of the Four Seasons Oriental Medicine Center Oriental Music Treatment Center)

2) Taking a shower in the morning to start the day and in the evening to finish the day's work, stimulation of 5 organs (五臟) and 7 emotions (七情) using music to adjust the yin-yang (陰陽) balance of the body over time to help activate physiological functions

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

Warnings during Installation

*Failing to follow instructions can result in injury.

01

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

Using the product with a different voltage can cause malfunctioning, electrocution or fire.

02

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

When connecting to a light wiring, there is risk of circuit breaker blocking or fire.

03

Engage the circuit breaker before installing the product.

There is risk of short circuit and electrocution.

04

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

There is risk of short circuit and electrocution.

05

Install the product at a stable location capable of supporting the product weight.

There is risk of injury due to falling.

06

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

There is risk of short circuit and electrocution.

Precautions during Installation

*Failure to follow instructions may result in injury or property damage.

01

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

Contact the A/S center for a replacement cord and then install the product.

02

Do not install the product at a location with high dust accumulation.

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 risk of fire and electrocution.

04

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

There is risk of fire and electrocution.

05

When installing the product, use a safe, secure foundation.

There is risk of injury due to falling.

06

Make sure the main body and grill are securely attached.

There is risk of injury 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.

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

! Precautions during Use

*Failing to follow instructions can result in injury.

01

Do not allow people who lack physical or mental abilities or experience and knowledge (including children) to operate the product.

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

02

If the product makes weird sounds or smoke fumes out, immediately turn off the product.

There is risk of electrocution and injury.

03

Do not touch the power unit with wet hands.

There is risk of electrocution and injury.

04

Do not spray water bring fire close to the product.

There is risk of fire and electrocution.

05

When not used for extended periods of time, disconnect the product from the power source.

There is risk of fire and electrocution.

06

Do not hang laundry or insert one's finger or foreign objects inside the discharge port of the grill.

There is risk of fire and explosion.

07

Turn off the product and remove and clean the grill.

There is risk of electrocution and injury.

08

Do not open the grill cover during product operation.

There is risk of product damage and injury.

09

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

There is risk of injury 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 accumulated on the filter to catch fire by the heater (heat) resulting in product damage and fire.

02

When cleaning the filter, do not bend the filter to extreme levels.

It can cause product damage and poor installation.

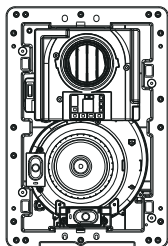
03

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

It can cause product damages such as fire, deformation and discoloration.

※ Check whether all components below are present.

1 Product Structure



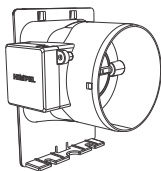
Main body



Grill



User manual (1 copy)



Electric damper
(Exhaust duct)



Installation screw (11EA)



Reinforcement (2EA)

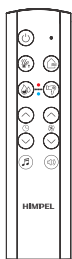


SUS band (1EA)



3M double-sided tape
(Sold separately)

2 Remote Controller Structure



Remote controller



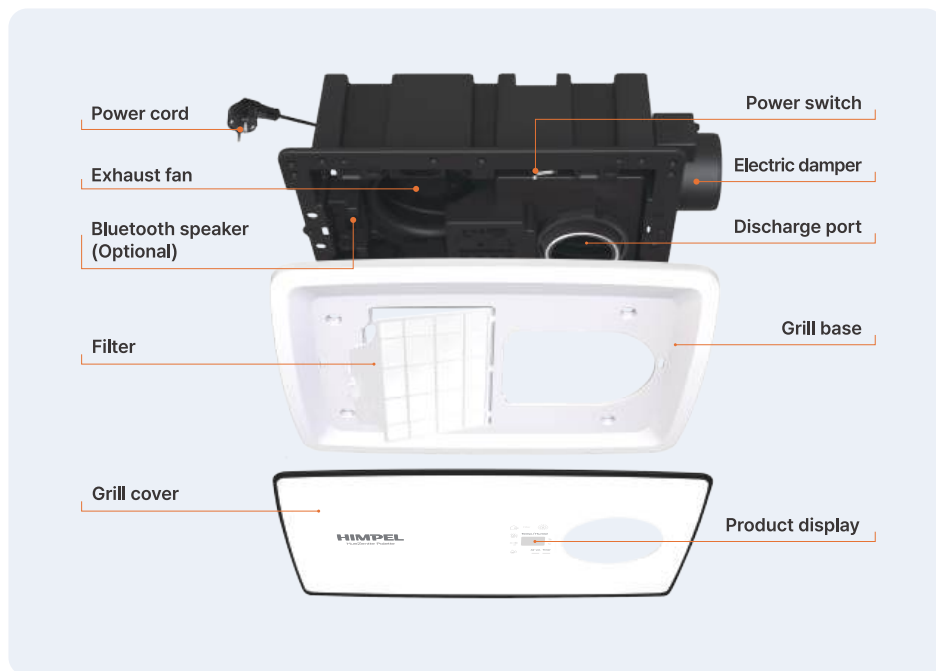
Holder



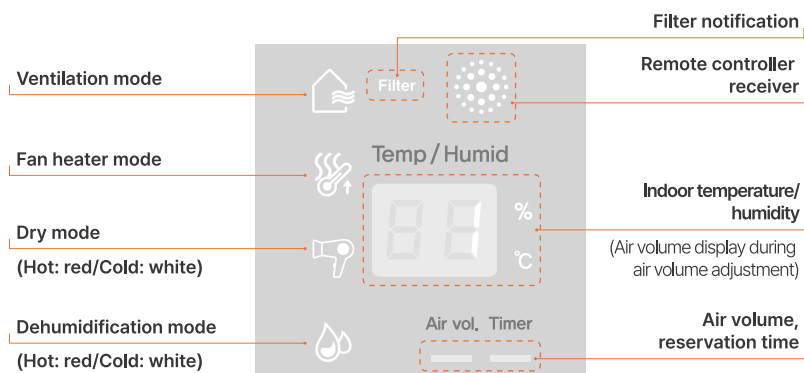
Battery (AAA) (2EA)

※ 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 Grill types

※ Select a grill from 5 different grill types.

1. Primrose yellow



The color creating a warm, lively atmosphere

2. Provence



The color creating a calm, deep atmosphere

3. Prism pink



The color combining liveliness and softness

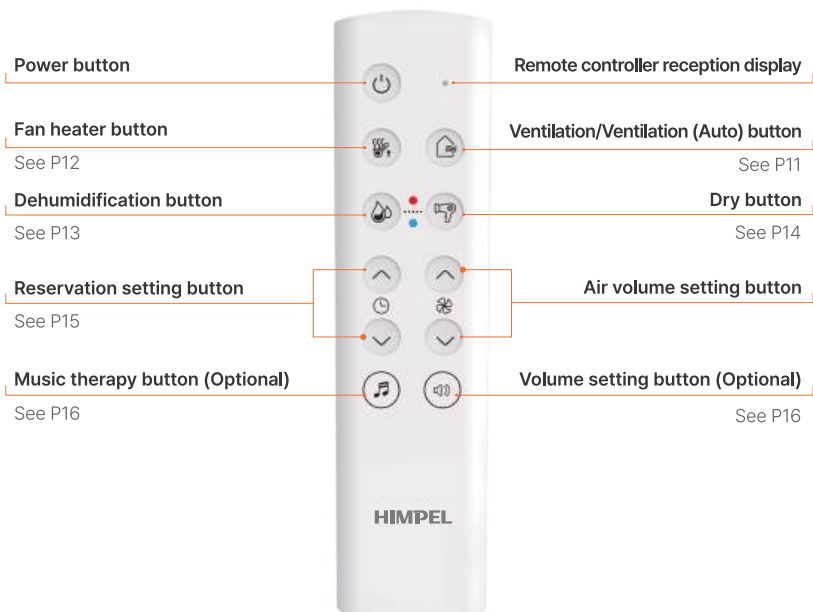
4. Silver hairline



The color blending modern feel with elegance

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

4 Remote controller



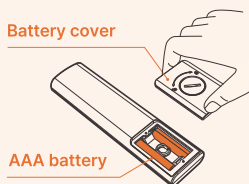
If the remote controller battery is low, the remote controller reception display flashes and the remote controller does not work. Replace the battery.

! Remote controller battery replacement

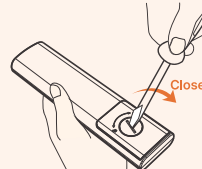
1. Open the waterproof cover using a flathead screwdriver or coin.



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.

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

1 Ventilation mode/Ventilation (Auto) 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]

2. Press the  button on the remote controller to activate [Ventilation (Auto) Mode].

- 1)  icon is displayed on the product display, and **AP** is displayed on the indoor temperature/humidity display.
- 2) In ventilation (Auto) mode, air volume is set automatically according to the humidity of the bathroom.



[Ventilation (Auto) Mode Display]

Humidity 60% or less	Humidity 60% or higher	Humidity 70% or higher	Humidity 80% or higher
OFF	Lv2	Lv3	Lv4

3. Pressing the  button on the remote controller again activates [Ventilation Mode]

- 1) Each press of the ventilation button shifts between [Ventilation Mode] and [Ventilation (Auto) Mode].

- ※ 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)
- ※ Ventilation mode/ventilation (Auto) mode displays humidity ► temperature in a 3-second interval. (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.
- ※ Fan heater mode displays humidity ► temperature in a 3-second interval.
(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].

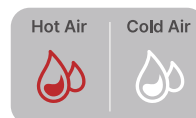


[Dehumidification Mode Display]

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.

※ Dehumidification mode displays humidity ► temperature in a 3-second interval.
(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.

※ Dry mode displays humidity ► temperature in a 3-second interval.

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

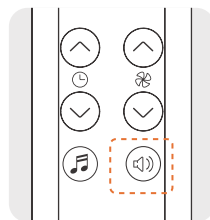
※ To operate the product, make sure to turn on the ventilator wall switch.

5 Voice notification setting (Optional)

※ Volume of the voice notification can be adjusted.

1. Press the  button of the remote controller for more than 3 seconds to adjust the voice notification volume.

1) Voice notification volume level adjusts in the order of
Lv1 ▶ Lv2 ▶ Lv3 ▶ Lv4 ▶ Lv5 ▶ OFF.



[Voice Notification Setting]

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.

※ 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.



['30 min.' Reservation Setting Example]

• Reservation time for each mode

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

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

7 Music therapy music/Volume setting (Optional)

※ It is the playback function for music on the internal storage of the product.

1. Press the button on the remote controller to play music.

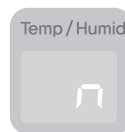
1) The first song for music therapy is [Morning Music].

2) Press the  button to select the desired volume level
(Cycle between Lv1 and Lv5).

3) Each press of the music therapy button cycles [Morning]
▶ [Night] ▶ [Child].



[Morning Music Display]



[Night Music Display]



[Child Music Display]

2. Press the button on the remote controller for more than 3 seconds to stop the music.

※ Music playback by music therapy can be used in all modes.

Tip A speaker playing your favorite music

- **Connect a smartphone with Huzentte through Bluetooth.**

Select [HUEZENTTE] from the list of available devices.

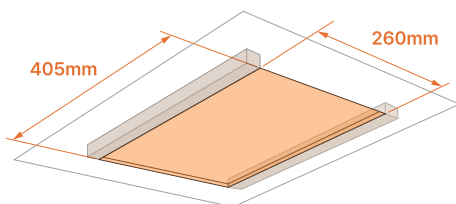
- **Play music using smartphone apps, such as YouTube, Melon, etc.**

Select the appropriate volume for the device and adjust the volume of the smartphone for the detailed volume.

※ High volume levels can cause inter-floor noise issues and can offend neighbors, so play music at the right volume.

※ 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



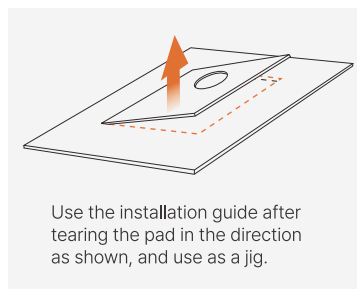
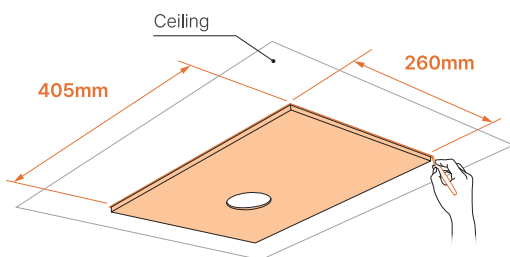
※ To ensure convenient use dry mode, it is recommended to install Huzentte in front of the bathroom mirror as shown.

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.

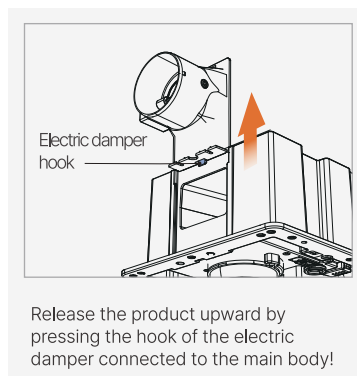
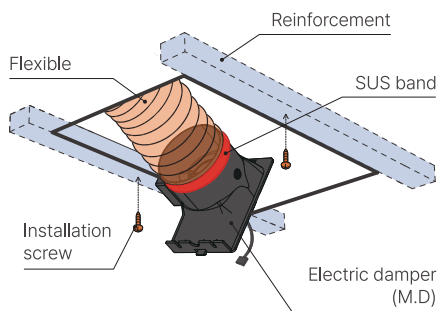
1 Perforate installation location

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

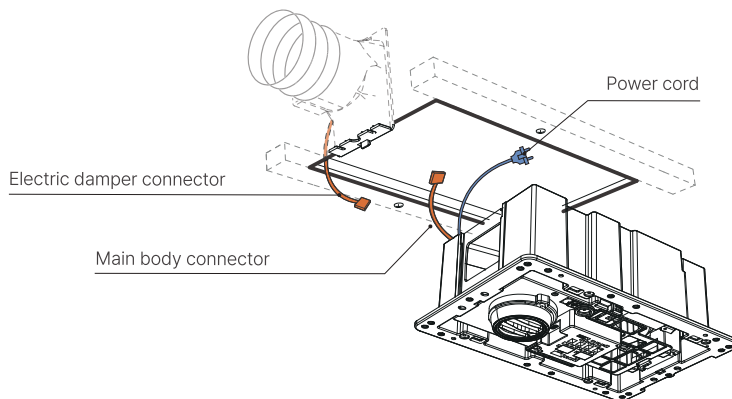
Install 2 reinforcements inside the ceiling as shown, attach the electric damper to the flexible duct separated from the product and secure it using the SUS band as shown.



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

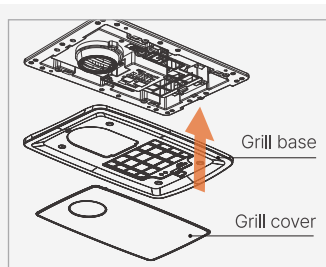
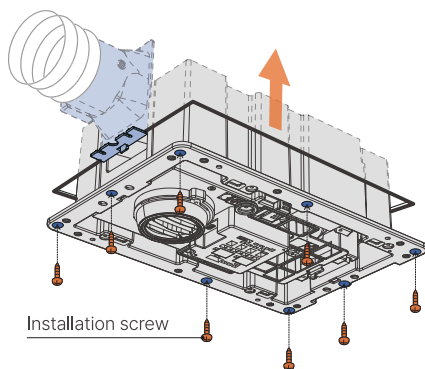
3 Electric damper connector and power cord connection

- 1) Connect the electric 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 electric 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.



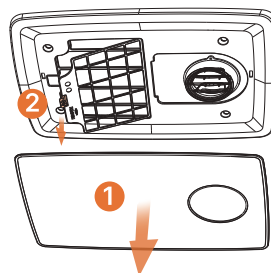
[Filter Cleaning Display]

※ Make sure to clean the filter periodically!

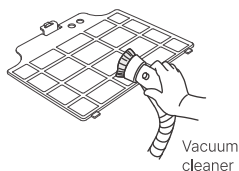
Neglecting filter cleaning for an extended period of time, it can cause product performance degradation. (Filter cleaning notification interval: accumulated product operation 3,000 hours)

! Filter removal and cleaning

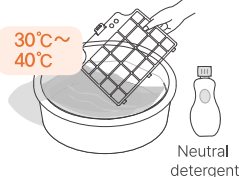
- 1) Pull the grill cover in the same direction as shown and remove it.
- 2) Push down the filter hook and pull it to remove the filter.



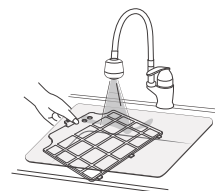
- 3) Remove dust from the mesh net of the filter with a vacuum cleaner.



- 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

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

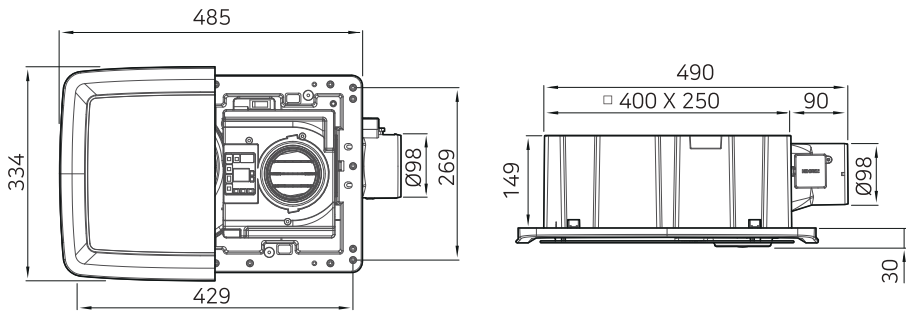
1 Product specification

Model		FHD2-C150P_PALETTE			
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	1,110	600(H) / 20(C)	1,300(H) / 27(C)
	Lv1	5.5	1,050	520(H) / 15(C)	1,200(H) / 12(C)
Noise (dB)	Lv4	39	-	-	-
	Lv3	34	43	49	55
	Lv2	24	41	43	48
	Lv1	22	39	39	35
Size (mm)		485(W) X 334(D) X 149(H)			
Option		2-Way expansion exhaust (Shoe rack, dress room), Music therapy, Voice notification			

※ Common specification: 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 is turned off.
Remove the grill and turn on the power switch (see P10: Tips before use).

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 electric damper are properly connected.

Q. Air volume cannot be changed.

- A. In case of ventilation (Auto) mode, air volume adjusts automatically according to the humidity sensor signal.
Selecting a mode other than ventilation (Auto) mode, air volume can be changed.

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 E2 Heater sensor E1 Fan (Motor) E3 Temperature sensor E4 Humidity sensor

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.



**Warranty period
of total heat exchanger
is 1 year and part
retention period is
5 years.**

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.