

# Simply Power Cooling Anywhere

## USER GUIDE

### Original Instructions

#### Product Models

- | PC series (POWER COOL)
- | PCH series (POWER COOL&HEAT)
- | PCM series (POWERCOOL MULTI-SPLIT)
- | SPC series (SINGLE-BOX POWERCOOL)



\_\_\_\_ Portable Split Air Conditioner | Portable Single-packaged Air Conditioner \_\_\_\_

- For installation and operation details, please read this carefully before use for the convenient and safe use.
- The user shall be responsible for any problems caused by operation and use which are not described in this manual, and the free warranty service will not be provided in this case.
- The product warranty is included in the user manual.



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 **POWERCOOL**  
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## Precautions for safety

### | Tips for installation

The appliance shall be installed in accordance with national wiring regulations.



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



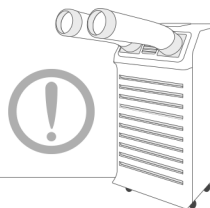
If a problem occurs with the product, turn it off immediately and contact the dealership or customer service center.

(Otherwise, it may cause damage and explosion of the product as well as injury.)



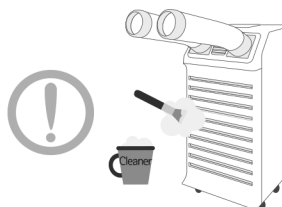
Unpacking and installation shall be done at a flat and safe place.

(Otherwise, it may cause malfunction of the product or injury.)



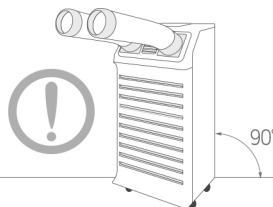
After installing and repairing the product, be sure to check for leaking of refrigerant.

(Otherwise, it may cause failure of the product.)



When installing the product, be sure to level it.

(Otherwise, it may cause vibration, noise, and malfunction of the product.)

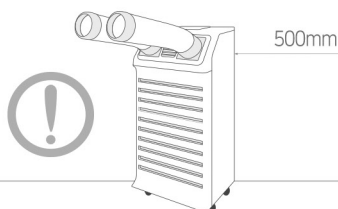


※ The details in parentheses indicate potential damage of the product or safety accidents that may occur when the precautions in this manual are not observed.

## Precautions for safety

### | Tips for installation

The dimensions of the space necessary for correct installation of the appliance including the minimum permissible distance to adjacent structures.  
(Install at least 500mm from the wall)



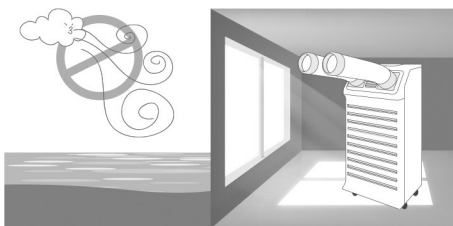
**Do not shake the product.**  
(Otherwise, it may cause injury or failure of the product.)



## Precautions for safety

### | Tips for use

Install the product so that it does not come in direct contact with salt or salt water (e.g., sea breeze, etc.) (Otherwise, it may cause failure of the product.).

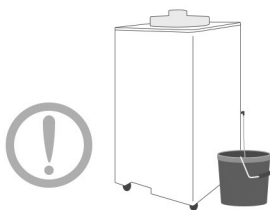


Be sure to install the product in a space that is protected from rain. The Ingress Protection rating of this product is IP 54 based on the portable outdoor unit fan.

(Consistently exposing to rain may cause malfunction of the product.)

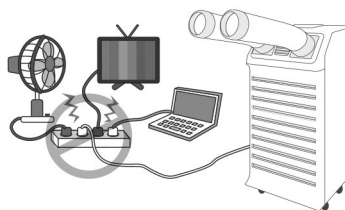


Condensed water is discharged through the forced discharge line in a condition of high humidity (e.g., heavy rain). Put a water trap on the forced discharge line or connect it to a drain (Applicable for some of the product models.).



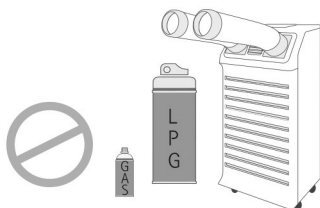
Use independent power supply for the power line, and make sure not to use with other home appliances through multi-plug power strips.

(Otherwise, it may cause fire or electric shock.)



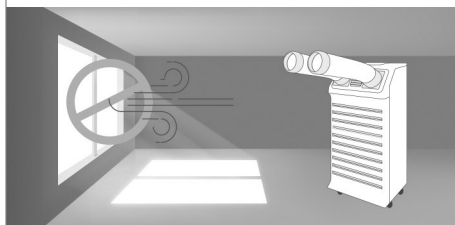
Do not store and use any explosive or flammable materials near the air conditioner.

(Otherwise, it may cause fire or product failure.)



Do not use the product for an extended period in an enclosed space.

(Otherwise, it may cause suffocation.)

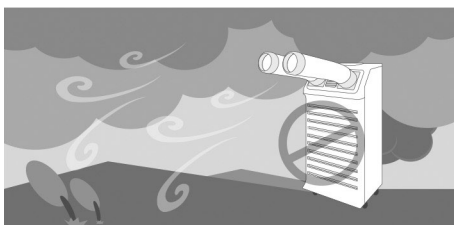


※ The details in parentheses indicate potential damage of the product or safety accidents that may occur when the precautions in this manual are not observed.

## Precautions for safety

### | Tips for use

Do not use the product in a situation of heavy rain, storm or typhoon. If the product gets wet, you must contact the dealership or customer service center. (Otherwise, it may cause malfunction, power failure, fire or electric shock.)



If a strange sound, smell or smoke occurs from the product, turn the power off immediately and contact the dealership or customer service center. (Otherwise, it may cause fire or failure of the product.)



Do not arbitrarily disassemble the product while in operation. (Otherwise, it may cause malfunction or electric shock.)



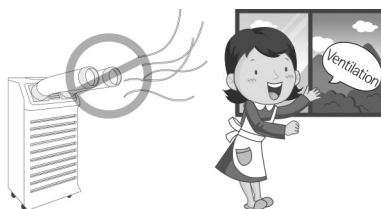
Ventilate frequently when using the product with a combustion device. (Otherwise, it may cause lack of oxygen, which leads to suffocation.)



Children shall not play with the appliance. (Otherwise, it may cause injury.)



Avoid excessive cooling and ventilate frequently when using the product for an extended period. (Excessive cooling is harmful to your health.)

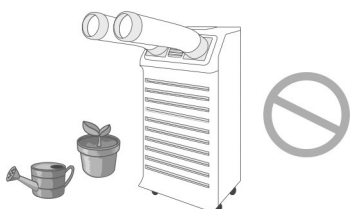


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## Precautions for safety

### | Tips for use

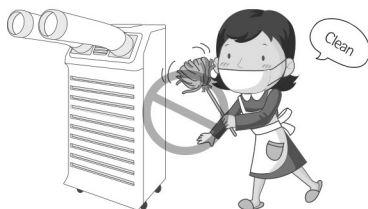
**Do not place obstacles near the inlet and outlet of the product.**  
(Otherwise, it may cause malfunction of the product and fire.)



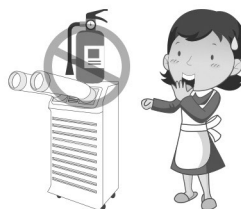
**The heat exchanger of the product has a sharp surface, so be careful when cleaning it.**  
(Otherwise, it may cause injury.)



**Clean and remove dust from the surface and filter of the heat exchanger.**  
(Being contaminated causes decreased cooling capacity and malfunction of the product.)



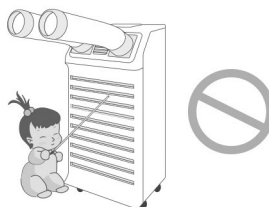
**Do not place heavy objects on the product.**  
(Otherwise, it may cause injury or malfunction of the product.)



**Attach the filter of the Portable Indoor Unit before using and clean it when it gets contaminated.**



**Do not put your hands or other foreign objects into the air inlet and exhaust while the air conditioner is operating.**  
(Otherwise, it may result in injury.)

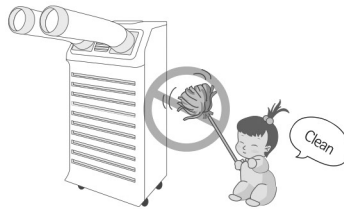


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## Precautions for safety

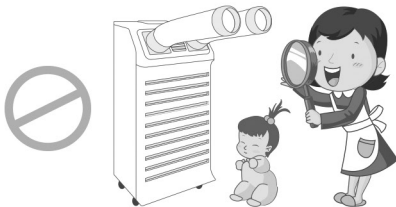
### | Tips for use

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.



Cleaning and user maintenance shall not be made by children without supervision.

This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial use by lay persons.



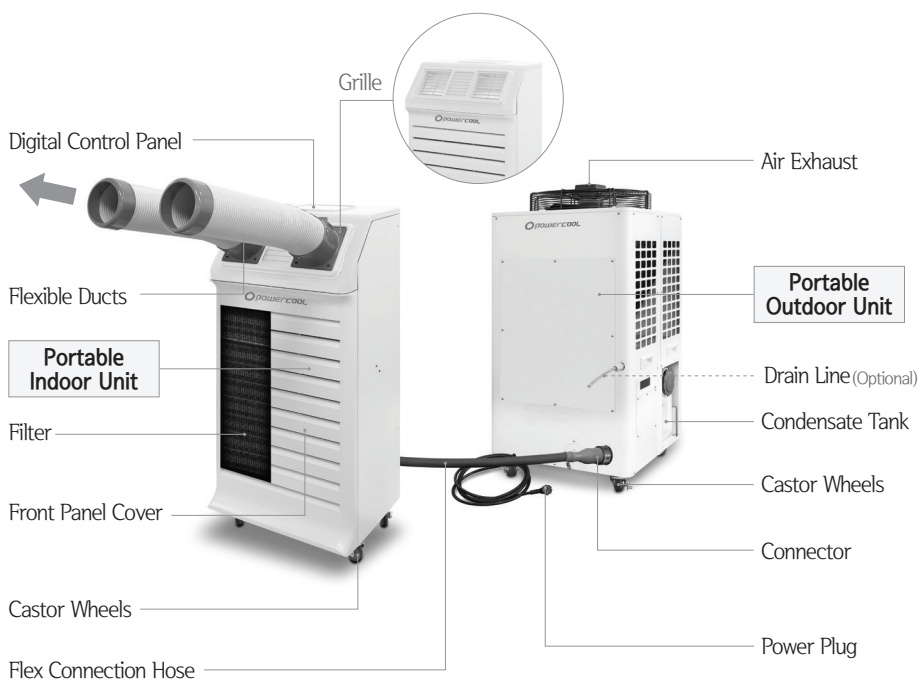
### | Tip for maintenance

1. Daily check the vibration and noise.
2. Daily check and record with outdoor and indoor temperatures.
3. Monthly cleaning of air filter. The air filter is fitted to remove dust from return or fresh air. If the air filter is unclear for long time, it may be clog and interrupt the air way, which reduces the cooling capacity.
4. Monthly make sure the screws of electric wiring. Cut off the power source and check the terminal.
5. Appliance maintenance requires to work after power down.



## Name of each part

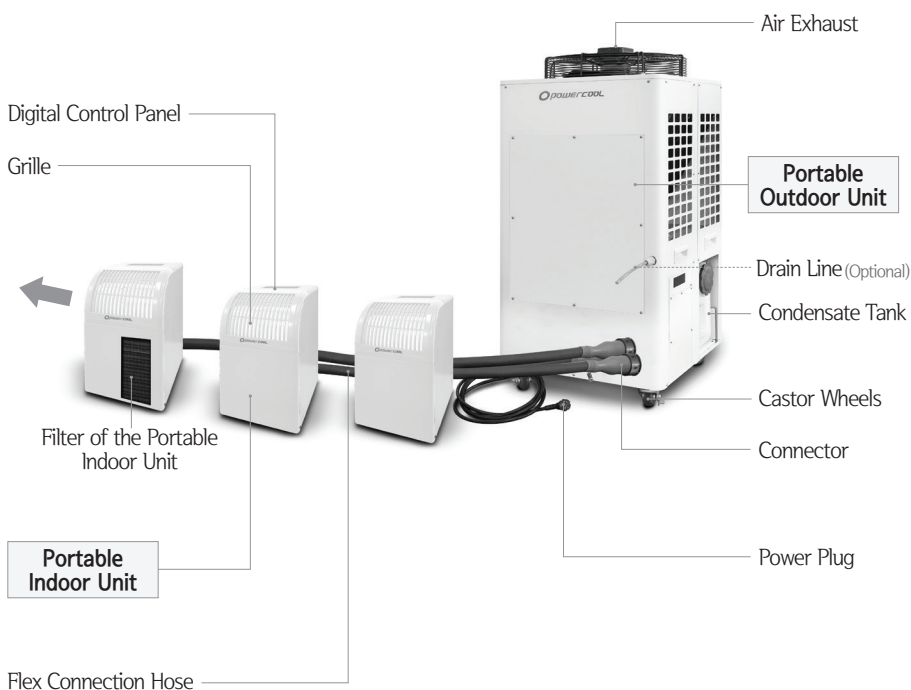
### PC, PCH series



- There may be some differences depending on the model.
- The appearance of the product may be slightly different to improve functions.

## Name of each part

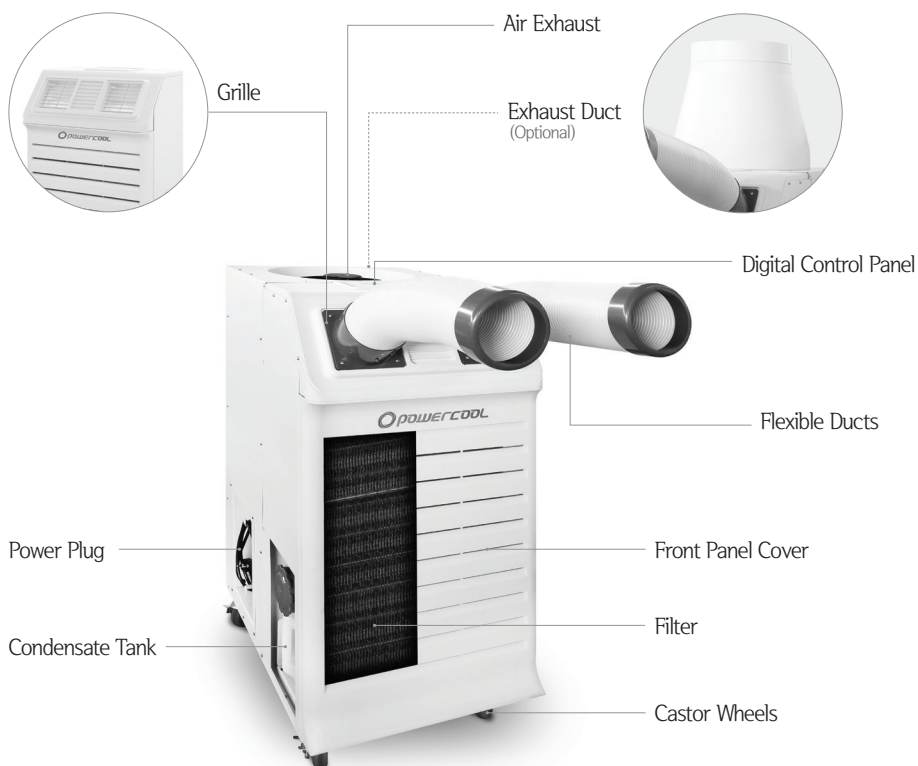
### PCM series



- There may be some differences depending on the model.
- The appearance of the product may be slightly different to improve functions.

## Name of each part

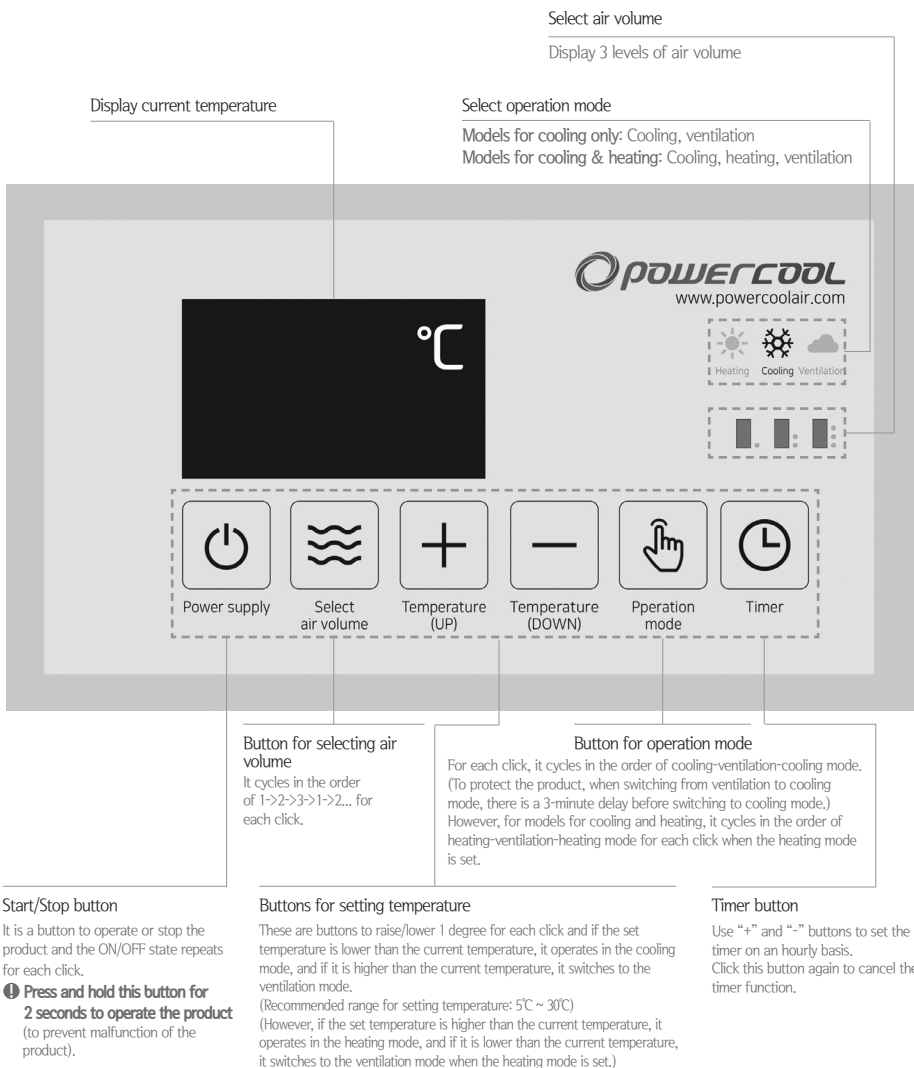
### SPC series



- There may be some differences depending on the model.
- The appearance of the product may be slightly different to improve functions.

## How to operate

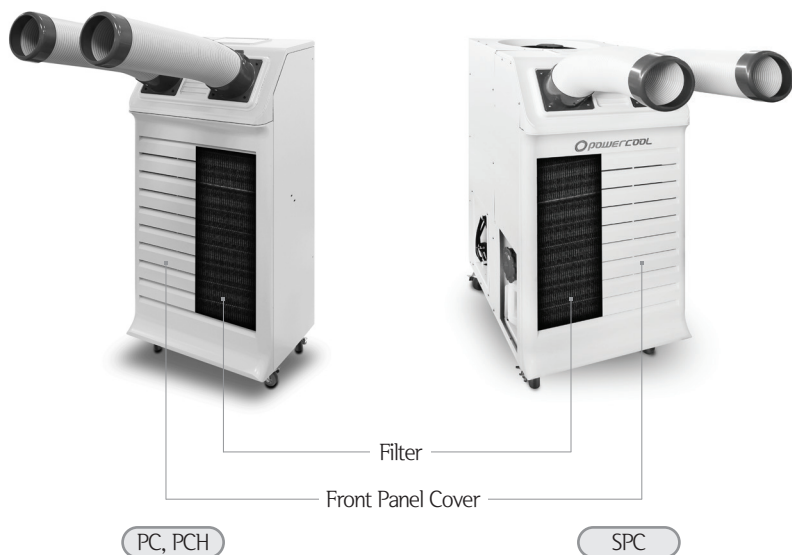
### Name of each part of the Digital Control Panel and how to operate



- There may be some differences depending on the model.
- The appearance of the product may be slightly different to improve functions.

## How to clean the filter

| PC, PCH, SPC series



Disassemble the front panel cover with both hands (magnetic contact type).



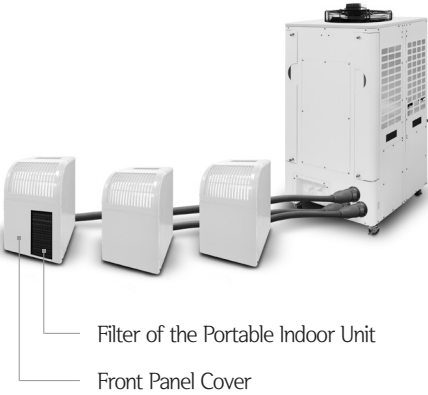
Remove internal filter, wash and dry it.



- There may be some differences depending on the model.
- The appearance of the product may be slightly different to improve functions.

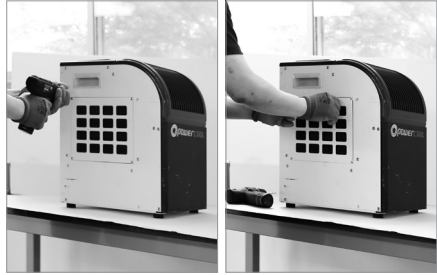
## How to clean the filter

### | PCM series



PCM

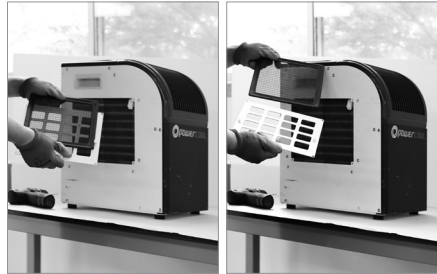
Remove bolts on the side panel cover.



Disassemble the front panel cover with both hands.



Remove internal filter, wash and dry it.



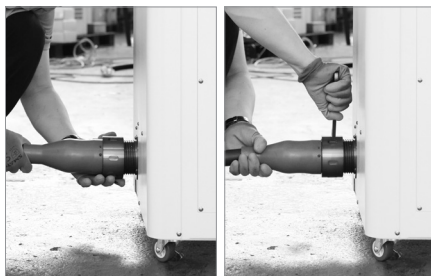
- There may be some differences depending on the model.
- The appearance of the product may be slightly different to improve functions.

## How to connect the connection hose

Connect the Flex connection hose to the connector.

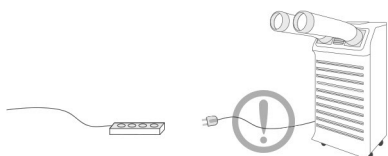


After connecting, assemble it with dedicated tools.

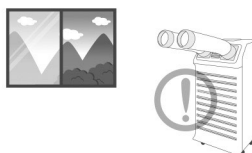


## How to store the product

When the product is not in use, disconnect the power before storage.



Store the product in a place with low humidity and good ventilation.



When storing the product, cover the exterior again with a used plastic bag or the original box.



Do not place heavy objects on the product.



- There may be some differences depending on the model.
- The appearance of the product may be slightly different to improve functions.

## Checklist before reporting failures

Current status	Things to be checked	Measures
<b>It is not cool when the cooling mode is set.</b>	Is the cooling area of the product suitable for cooling?	Check if the model is for suitable cooling (refer to the cooling area listed in the catalog).
	Aren't there many heat sources indoors?	Check if the factors raising temperature is excessive. Cooling efficiency is decreased when the operating temperature is excessively high or low.
	Is the inlet/outlet of the product blocked?	Check if the inlet of the product is blocked, and if the filter and heat exchanger is clean.
	Check if the cooling mode is set on the control panel.	Check if the control panel is set to ventilation mode. (Cool wind does not come out when the ventilation mode is set.)
<b>It doesn't work.</b>	Check the power plug connection.	Check if the power plug is connected, and if the power supply is separated from other appliances.
	Hasn't the circuit breaker of the main power been tripped?	Check if the circuit breaker of the main power terminal box has been tripped.
	Is there a power failure?	Check if other home appliances are operating normally.
<b>There is a lot of noise during operation.</b>	Is the product installed on a flat surface?	Check if the surface on which the product is installed is flat.
	Is there a lot of noise inside the body of the Portable Outdoor Unit?	There may be a problem with the compressor. Turn the product off immediately and contact the customer service center.
	Check if there is any foreign matter in the operating fan of the product.	If there is a foreign matter in the operating fan, remove it.
	Check the air volume.	The stronger the wind, the louder the noise.
<b>Dew condensation appears on the Portable Indoor Unit.</b>	Isn't the humidity too high inside?	It is not a malfunction, but a natural phenomenon caused by high humidity in the air. Wipe it off with a dry towel.



## Product specification



Product Name	SINGLE-BOX POWER COOL		
Product Model	SPC-5000	Serial No.	
Power Source	AC 230V 50Hz	Cooling Capacity	5,200 kcal/h
Running Current	9.0 A		
Pressure (LOW)	0.82 MPa	Pressure (HIGH)	3.1 MPa
Refrigerant	R-410A	Charging	1.1 kg
Manufacturer	Power Cool	Date(DD/MM/YY)	. . 21

**POWER COOL Co., Ltd.** 

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# Product warranty

Thank you very much for purchasing the POWERCOOL products.  
The warranty period for this product is calculated from the date of purchase, so make sure to get the purchase date for satisfactory service.

You can get warranty as below.

1. The product is made through the process of strict quality control and inspection.
2. During the warranty period, free repair service is provided when there are failures in performance and mechanical, provided that the customer used the product normally.
3. Even during the warranty period, the following cases are not covered by the warranty and the cost of repair may be charged.
  - 1) Failure or defect of the product caused by intention, error or carelessness by customers.
  - 2) When the product was disassembled or modified by a person other than our staff or designated service engineer.
  - 3) Failure caused by abnormal power supply
  - 4) Failure or defect of the product caused by natural disaster
4. When applying for free repair, you must present this product warranty.
5. The warranty cannot be reissued, so please keep it in a safe place.

Product Name		Date of Purchase	. . .
Model No.		Warranty Period	12 months
Serial No.			

※ If you do not have a warranty, the period will be calculated from the date after a month from the manufacturing date.

## Service Request

Please contact your local dealer or POWERCOOL\*

**\*+82-55-715-8868**

## Address:

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