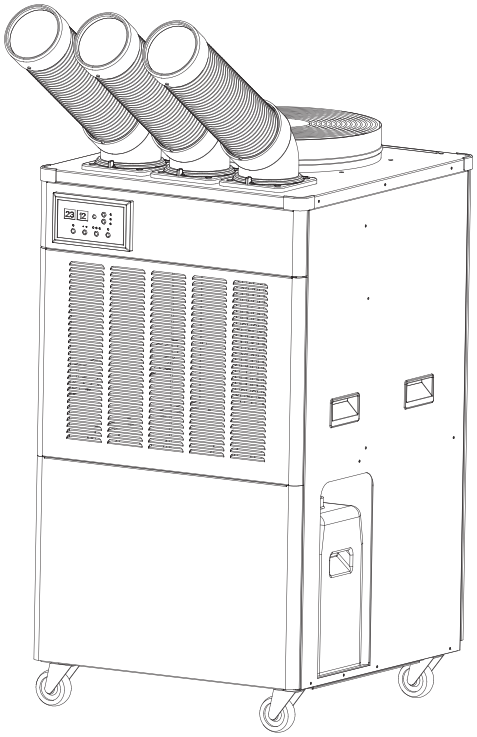
BE POWER® EQUIPMENT

7.1K COMMERCIAL SPOT COOLER

USER MANUAL



MODEL NO. PIN RSC71

V1.0 2026

Thank you very much for choosing BE Refrigerated Spot Cooler. To ensure safe and efficient use of your new Cooler, please read the manual carefully.

CONTENTS

SAFETY SIGNS AND PRECAUTIONS

- Understanding the safety signs
- Please read and understand these safety signs and precautions before operating the machine.

 **Danger**	Failure to follow these instructions may result in death, serious injury, fire, or significant property damage.
 **Warning**	Failure to follow these instructions may result in injury, fire, or property damage
 **Forbidden**	Indicates an action that must not be performed.
 **Mandatory**	Indicates an action that must be performed or followed.
 **Caution**	Indicates important information that requires your attention.

Matters prompted in the following column may possibly cause grave consequences due to different situations. All records are important. Please do read them carefully and observe.

	If the power cord is damaged, it must be replaced with a suitable cord or assembly supplied by the manufacturer or an authorised service agent.
	This appliance may be used by children aged eight years and over, and by people with reduced physical, sensory or mental capabilities or limited experience and knowledge, provided they are supervised or have been instructed in its safe use and understand the hazards involved.
	Children must not play with the appliance.
	Children must not clean or maintain the appliance unless they are supervised by a responsible adult.
	This appliance is intended for use by trained or experienced users in shops, light industrial workplaces and farms. It may also be used commercially by other users, provided they have received appropriate instructions.
	Disconnect the appliance from all power sources before servicing it or replacing any parts.

	Do not use the appliance in areas where volatile or flammable substances are used or stored. These include paint thinners, petrol, kerosene, LPG and other flammable liquids, as well as magnesium, aluminium, lead, combustible dust or vapours. These substances may ignite and cause a fire or explosion.
	Do not modify or alter the appliance. Unauthorised modifications may cause a malfunction, electric shock or fire.
	Only qualified service personnel may assemble, disassemble or repair the appliance. Unauthorised repairs may result in electric shock, fire or other serious hazards. Contact the authorised after-sales service provider or the place of purchase if repairs are required.
	Do not use the appliance in rain, snow or other wet conditions. Do not operate it with wet hands.
	Connect the appliance only to a 220–240 V AC, 50 Hz power supply. Using an unsuitable power supply may damage the appliance or create a safety hazard.
	Connect the appliance to a dedicated 10 A power outlet. Sharing the outlet with other electrical appliances may overload the circuit or cause the appliance to malfunction.

	The appliance must be installed and connected by a qualified person in accordance with applicable electrical standards and the manufacturer's instructions. Incorrect installation may cause electric shock, fire or other safety hazards.
	Keep all ventilation openings clear and free from obstruction.
	Keep cigarettes, naked flames and all other ignition sources away from the appliance. Heat or flames may damage the appliance and could ignite flammable refrigerant.
	Only connect the appliance to a properly earthed mains power supply protected by a suitable earth-leakage or residual current device.
	Operate the appliance only within an ambient temperature range of 18°C to 45°C. Operation outside this range may cause reduced performance or damage.
	Do not move the appliance while it is operating. Before use, ensure the castor brakes are engaged and the appliance is stable.

	Immediately stop using the appliance if it malfunctions, including if the fan stops, unusual noises or vibrations occur, or you notice an unusual smell.
	To prevent injury or damage, do not use the appliance in any of the following locations: • On vibrating, sloping or uneven floors • On stairs or near emergency exits, doorways or access routes • Near unstable or stacked objects • In windy or damp areas • In areas containing airborne metal dust or powder
	When unplugging the appliance, hold the plug firmly and pull it from the power outlet. Do not pull on the power cord, as this may damage the cord or plug and could cause electric shock, sparking or fire.
	Unplug the appliance when it will not be used for an extended period.
	Always disconnect the appliance from the power supply before installation, cleaning, servicing or maintenance.

	Use a clean, dry cloth to regularly wipe dust from the power plug. A dusty or damp plug may cause poor electrical contact or leakage, which could result in electric shock or fire.
	Do not excessively bend, pull, twist, pinch or modify the power cord. Do not overload the power supply. Damaged cords or overloaded circuits may cause electric shock, fire or other accidents.
	Do not use the appliance as a cooler in a boat, vehicle or other moving environment unless it has been specifically approved for that purpose. Incorrect use may create a safety hazard.
	Do not place fingers, hands or any objects into the air vents.
	This appliance uses a flammable refrigerant. If refrigerant leaks and comes into contact with a flame, spark or hot component, it may produce harmful gases and create a fire risk.
	Read the User Manual carefully before operating the appliance.
	Service personnel must read the User Manual and Service Manual carefully before carrying out any inspection, maintenance or repair work.

WARNING

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

Do not pierce or burn.

Be aware that refrigerants might not contain an odour.

Warning on Refrigerant R32

- The machine is designed only for use with R32 gas as the designated refrigerant.
- **THE REFRIGERANT LOOP IS SEALED. ONLY A QUALIFIED TECHNICIAN SHOULD ATTEMPT TO SERVICE!**
- Component parts are designed non-incentive and non-sparking. Component parts shall only be replaced with identical repair parts.

SAFETY REGULATIONS FOR SERVICE AND REPAIR WORK

Repairs must only be carried out by authorized service personnel and only using genuine spare parts.

1. **Checks to the Area**
   Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

2. **Work procedure**
   Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

3. **General work Area**
   All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

4. **Checking for presence of refrigerant**
   The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

5. **Presence of fire extinguisher**
   If any hot work is to be conducted on the refrigeration equipment or any associated parts appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO2 fire extinguisher adjacent to the charging area.

6. **No ignition sources**
   No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. "No smoking" signs shall be displayed.
7. **Ventilated area**
   Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferable expel it externally into the atmosphere.

8. **Checks to the refrigeration equipment**
   Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's

maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance. The following checks shall be applied to installations using flammable refrigerants:

- The charge size is in accordance with the room size within which the refrigerant containing parts are installed;
- The ventilation machinery and outlets are operating adequately and are not obstructed;
- If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant;
- Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected;
- Refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

9. Checks to electrical devices

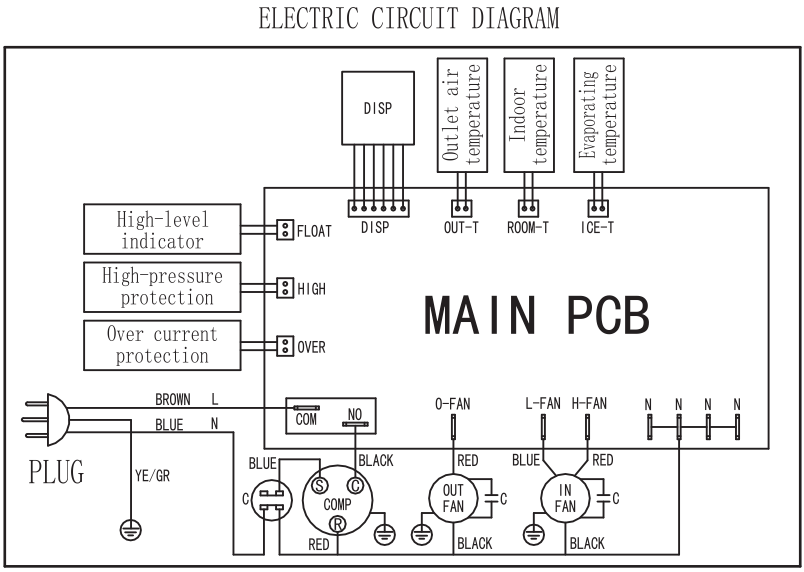
Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures if a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected ommediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised. Initial safety checks shall include:

- That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking:
- That there no live electrical components and wiring are exposed while charging. recovering or purging the system;
- That there is continuity of earth bonding.

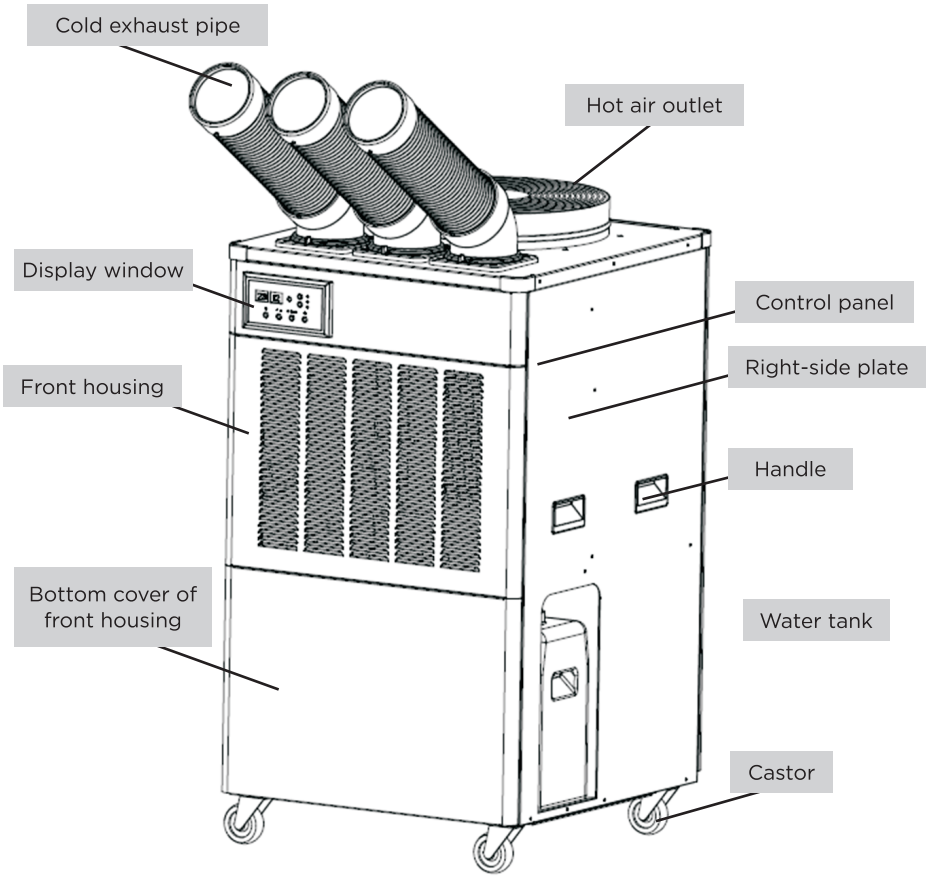
TECHNICAL PARAMETERS

Model	PIN RSC71
Power	220-240 V/50 Hz
Refrigerating Capacity	24200 BTU/7100 W
Rated Power	2800 W (35/24)
Rated Current	12 A
MAX. Power	3500 W (45/30)
MAX. Current	15 A
MAX. Suction Pressure	2.5 MPa
MAX Discharge Pressure	4.5 MPa
MAX Allowable Pressure	4.5 MPa
Refrigerant/Charge Quantity	R32/1200 g
Operating Temperature	18°C~45°C
Net Weight	105 kg
Product Dimension	615 x 665 x 1,160 mm
Packaging Dimension	700 x 740 x 1,215 mm

ELECTRICAL SCHEMATIC DIAGRAM



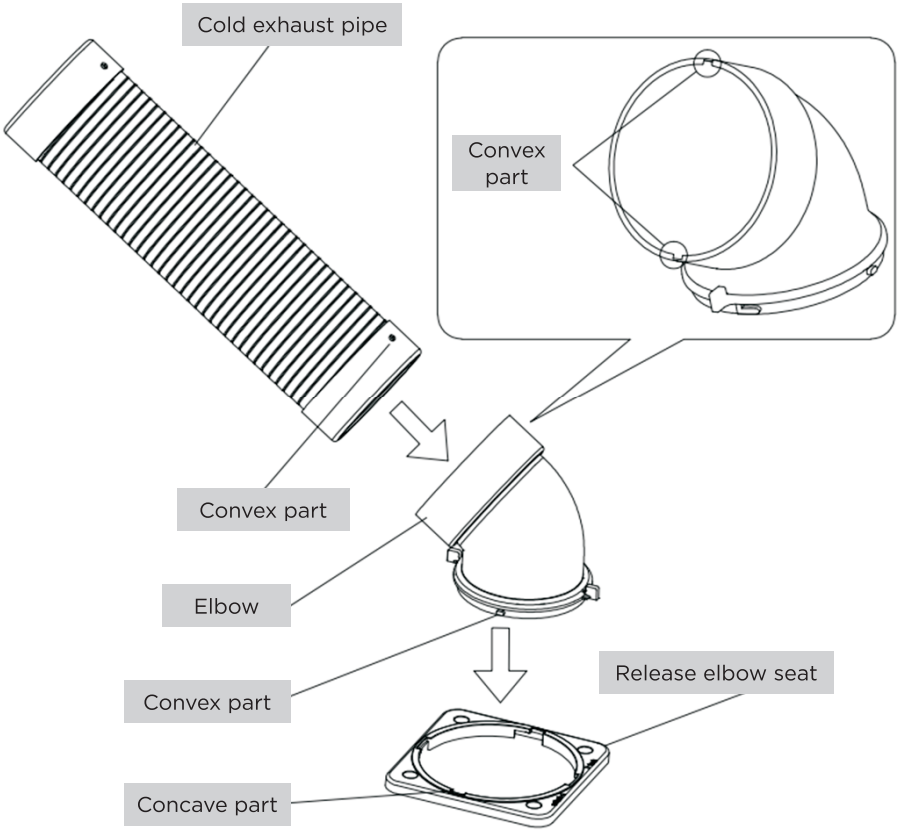
PRODUCT STRUCTURE



INSTALLATION METHOD

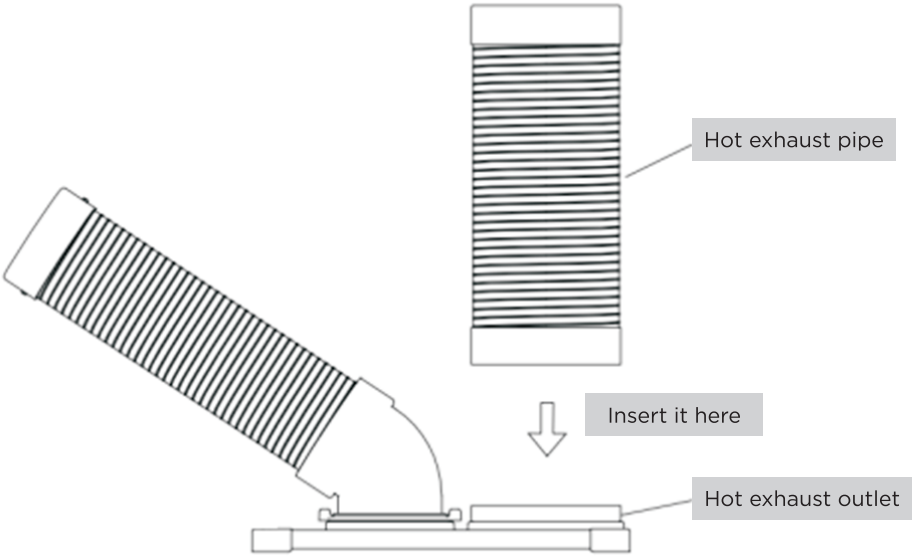
- Installation method of elbow: Align the convex part of the elbow with the concave part of the release elbow seat installed on the machine, then insert it and rotate it counterclockwise. When you hear a "click", it means that the elbow is installed in place (Figure 1).

- Installation method of cold exhaust pipe: Insert the convex part of the cold exhaust pipe into the concave part of the elbow and rotate it to the left in place (Figure 1).



(Fig. 1)

- Installation method of hot exhaust pipe: Insert the hot exhaust pipe into the heat exhaust port and make sure that it shall be installed in place in order to make sure that the hot exhaust pipe is installed stably and firmly (Figure 2).

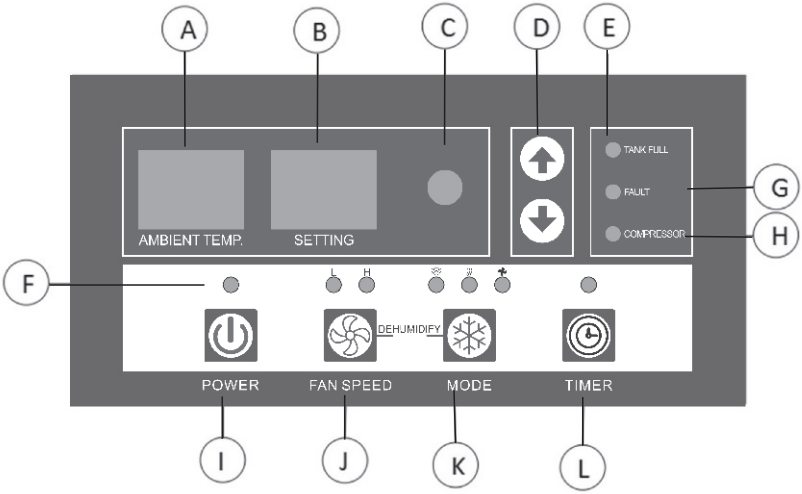


(Fig. 2)

- Connection and replacement of power line

  Warning: If the line cord is damaged, it must be replaced by a professional from the manufacturer, its maintenance department or similar department to avoid danger.

OPERATION METHOD



• POWER key
Insert the power line into the AC220-240V power supply, turn on the air switch, and then the "I"power button when you hear a sound of "do-mi-sol" and the power indicator light is on; at the moment, the machine enters the refrigeration mode, the "Refrigeration" indicator light is on; the compressor works and the compressor indicator light "H" is on; and the fan runs. When you press the power button again, the machine shuts down.

• MODE key
This machine has four modes: It will work in refrigeration mode by default after the first boot; the compressor indicator light "H" is ON and the compressor works, besides, the cold exhaust pipe supplies cold air; when the "K" button is pressed, the machine enters the cold air mode, at the moment, the compressor indicator light "H" is on and the compressor works, besides, the cold exhaust pipe supplies cold air. When the "K" button is pressed again, the machine enters the air supply mode, in this case, the compressor indicator light "H" is off, and the compressor stops working, and the machine only enters the air blowing state; In cold air mode, if you press and hold the "J" wind speed key an the "K" mode key for more than two seconds at the same time, the refrigeration indicator light will start flashing, the wind speed will be switched to low speed, at the moment, the low- speed indicator light will be on, and the dehumidifier mode will be enabled.

Note
In refrigeration mode, the setting range of the room temperature is 15-35°C (initial temperature of 20°C), you can press the "D" key to increase and decrease the temperature;"A" display window shows room temperature, and "B" display window shows set temperature; when the room temperature is higher than the set temperature, the refrigeration operation will start.

In the cold air mode, the setting range of the cold air temperature is 0~20°C (initial temperature of 10°C), you can press the "D" key to increase and decrease the temperature; "A" display window shows cold air temperature, and "B" display window shows set temperature; when the cold air temperature is higher than the set temperature, the refrigeration operation will start.

Press the "D" (UP/DOWN) key once to increase or decrease the temperature by 1 °C.

• **SPEED key**
In the mode of refrigeration, cold air or supply air, press the SPEED button to switch the air speed between high speed and low speed. In dehumidifier mode, the wind speed is only at low speed.

• **TIMER key**
The machine has the timing ON/OFF function. In shutdown state, the machine will enter the timing ON mode when the Timer key is pressed and the timing ON setting shall be cancelled when the Timer key is pressed again. In the running state, the machine will enter the timing OFF mode when the Timer key is pressed and the timing OFF setting shall be cancelled when the Timer key is pressed again. In the state of timing ON/OFF setting, you can press "D" key to increase or decrease the timing time.

Note
The timing range is "0--24" hours. In the timing ON/OFF mode, when you press "D" key to increase the timing time, the timing hour indicated shall be display is "3-3.5-4...The 10-11-12...24"hours in order.

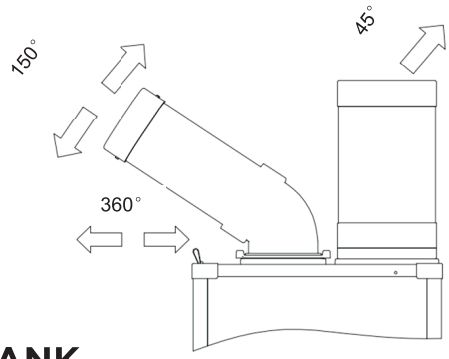
• **Usage Method of Water Tank and Full-Water Alarm Hint**
When the water tank is full of water, the "E" full-water indicator light will be on; the compressor will stop running; the machine will stop working, and the alarm will sound for one minute. At this time, it is necessary to take out the water tank for emptying the water tank and then re-install it and restart the machine so that the machine can work normally.

• **Overheating and overloading protection of compressor**
The compressor will overheat and overload due to too high or too low voltage, high ambient temperature and other reasons. In order to protect the compressor, the overload protector will act and cut off the power supply of the compressor.

Notes
When the overload protection device acts, the machine only blows out natural wind and does not provide the cold air. In case of frequent action of thermal overload protection device, please find out and remove the cause before using the machine.

• Adjustment and its scope of outlet air direction
The cold air pipe can rotate to left and right with the angle about 360 °(the hot air pipe has been installed).
The cold air pipe can be moved up and down in a range of 150°.
The adjustment angle range of the hot air pipe is 45°.

Notes
Please adjust the outlet air direction of cold exhaust pipe and hot exhaust pipe before use. When adjusting the air outlet angle of the cold air pipe, please hold the elbow for adjustment, and never directly hold the cold air pipe for adjustment.



WATER TANK

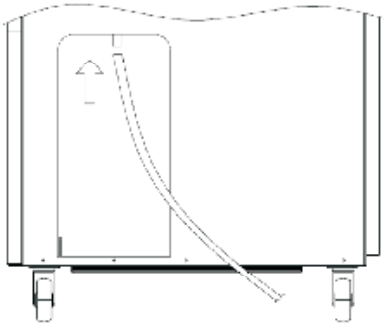
- How to use the water tank: When the water level indication of the water tank is ON, please empty the water tank and then re-install the water tank so that the spot cooler can be started and work normally.

  Note: Do not move the machine when the water tank is full of water. Please move the machine after the tank is empty.

DRAIN PIPE (OPTIONAL)

- The condensate can be directly drained off through the drain pipe.

  Method: Take out the water tank and then directly set the drain pipe on the drain outfall.

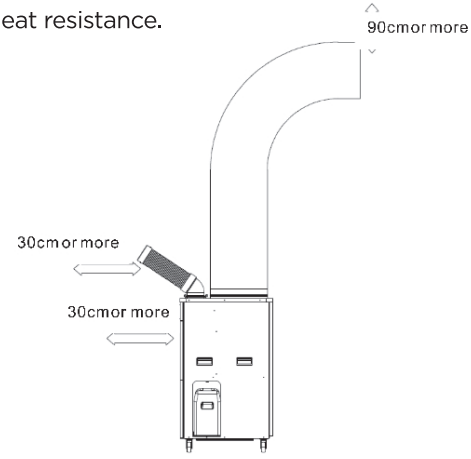


REQUIREMENTS FOR OPERATING YOUR MACHINE

Special notes for user:

- When using the machine, make sure that the filter and cold air pipe should be 30cm away from the wall surface or other obstructions or more, and the hot exhaust pipe should be 90cm away from the roof or obstructions or more.
- The machine should be placed in a flat place before use and it is prohibited to place it on the slope, uneven floor, doors and other similar places to operate it so as not to cause safety accidents.
- It is forbidden to use it in wet places with rain water and snow water to avoid safety accidents.

Note: Do not place obstacles in front of the filter, and the air outlet of cold air pipe and hot air pipe. Please do not aim the hot air from the air outlet at the objects with poor heat resistance.



MAINTENANCE AND INSPECTION

- Please clean the filter regularly. If there is dust, dirt and other sundries on the filter, it will affect the supply air rate, and it is easy to cause frosting in the heat exchanger, which leads to the machine failure.
- When cleaning the filter, please use a vacuum cleaner to absorb the dust on the filter, and then wash the filter with water, and use it after it is completely dry.

  Note: When cleaning the surface of the machine, do not use the thinner, volatile oil, chemicals and other items that may do damage to the surface of the machine.

- Please check whether the power line is damaged. If it is damaged, please replace it immediately.
- Please confirm whether the screws are loose and tighten them when necessary.
- Before the machine is idle for a long time, please empty the rain barrel and do not store it until the rain barrel is dry.
- Please do not store the machine horizontally or upside down.
- Please keep the machine out of the reach of children and keep it away from high temperature, rain and direct sunlight.

  Note: During maintenance and inspection, be sure to unplug the power plug when replacing parts. Be sure to unplug the power plugin maintenance process of the machine.

FAULT CAUSES AND SOLUTIONS

1. In case of any fault of the spot cooler, please immediately cut off the power supply and unplug the power plug from the socket to check the following Items:

Symptom	Reason Analysis	Troubleshooting
Out of work	Whether the power plug is loose or falls off	Please insert the power plug into the power socket in place
	Whether the air switch is opened	Please open the air switch opened
	Whether the fuse of the computer board is burnt out	Ask the professional to replace the fuse
Refrigeration failure	Filth blockage on the surface of heat exchanger	Clean up the surface of the heat exchanger to make it ventilate and heatdissipation
	Hot exhaust blower fault	Repair the hot exhaust blower Please
	Too high ambient temperature	use it in the proper place
	Compressor capacitor damaged	Replace the compressor capacitor
	Refrigerating system pipeline blocked	Replace the pipeline system
	Too low or too high input voltage	Please select the proper voltage
	Overheating/overloading protection of compressor	Restart it after cooling it down
	Compressor or motor fault	Repair/replace compressor or motor
Water leakage	Drain pipe blocked	Dredge the drain pipe
	Compressor foam damaged	Ask the professional to replace the foam
	There is much dust or dirt on the filter	Please clean up the filter
	Machine titled	Adjust the machine to be level
TC	Coil heat exchanger	Cancel the system fault function, recoverable
CO	Compressor overloading, over current or system high-pressure protection	Cancel the system fault function, recoverable
T1	Room temperature sensor fault	Replace the room sensor
T2	Cold air temperature sensor fault	Replace the sensor
T3	Evaporator temperature sensor fault	Replace the sensor

CORRECT DISPOSAL OF THIS PRODUCT

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

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