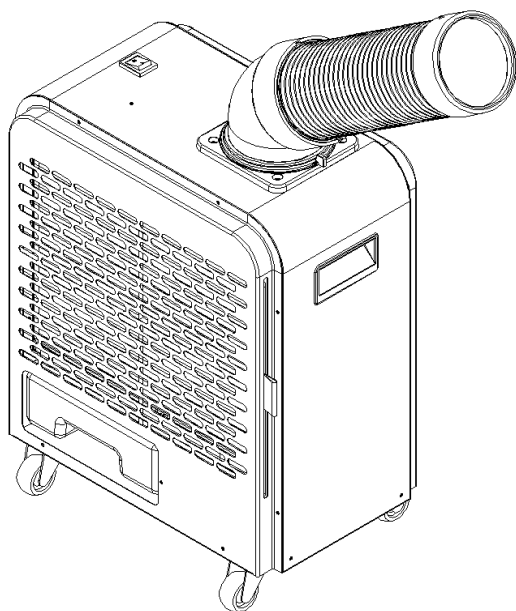




POWER EQUIPMENT

REFRIGERATED SPOT COOLER OWNER'S MANUAL



Model: PIN RSC20

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.

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I. SAFETY SIGNS AND PRECAUTIONS

- Meaning and identification of signs
- Please read the safety signs and precautions carefully before using the machine.

 Danger	Incorrect use while ignoring the sign may cause casualty accident, fire, and other property losses.
 Warning	Incorrect use while ignoring the sign may cause casualty accident, fire, and other property losses.
 Forbidden	The sign indicates actions that are forbidden.
 Constraint	The sign indicates constraint and instruction.
 Attention	The sign indicates and urges to notice the contents.

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 supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
	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
	Children shall not play with the appliance
	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

	Disconnect the appliance from its power source during service and when replacing parts
	Please do not use cooler in places that use or store volatile substances (dilutents, gasoline, kerosene, liquefied gas and other volatile liquids; magnesium, aluminum, lead and other volatile dusts and vapors) to avoid possible ignition, explosion, and fire.
	Please do not remold for use, which may lead to machine breakdown or even fire, etc.
	Except for professional maintenance personnel, other personnel are not allowed to assemble or disassemble to avoid fire, electrocution, injury and other safety accidents. If repair is needed, please contact the after-sales service department at the place of purchase.
	Please do not use it in places with rain and snow water. Do not operate with wet hands.
	Please use 220-240V~ 50Hz, power supply; Otherwise, there might be machine breakdown or safety accident.

	Please separately use socket of 10A rated current. Use of socket with other electrical appliances may cause error.
	Please do assign professionals to operate according to equipment standard and wiring upon installation; Otherwise, there may be safety accident.
	Please do not use near fire source to avoid deformation of machine.
	Only use on mains connections with safe and reliable ground lead and earth leakage protector.
	Please use it in specified range of 20°C~43°C; otherwise, there may be machine breakdown.
	Do not move cooler when the machine is running and set the brake of castor wheel to locked status.

	Please immediately stop using it in case of error (stopped rotation, strange noise, improper vibration and unusual odor).
	To prevent disaster and damage, cooler cannot be used in the following places: • Vibrating floor • Gradient floor • Stairway, emergency exit and house exit and entrance, etc. • Place with unstable articles piled around. • Windy and moist place or place with floating metal powder
	Please grip the plug when pulling it off instead of pulling the power line directly. Otherwise, it may damage the plug, or cause sparkle or safety accident.
	Please pull the power plug off the socket if the machine is not used for long terms.
	To prevent electrocution, please pull the power plug off the socket upon installation and maintenance.

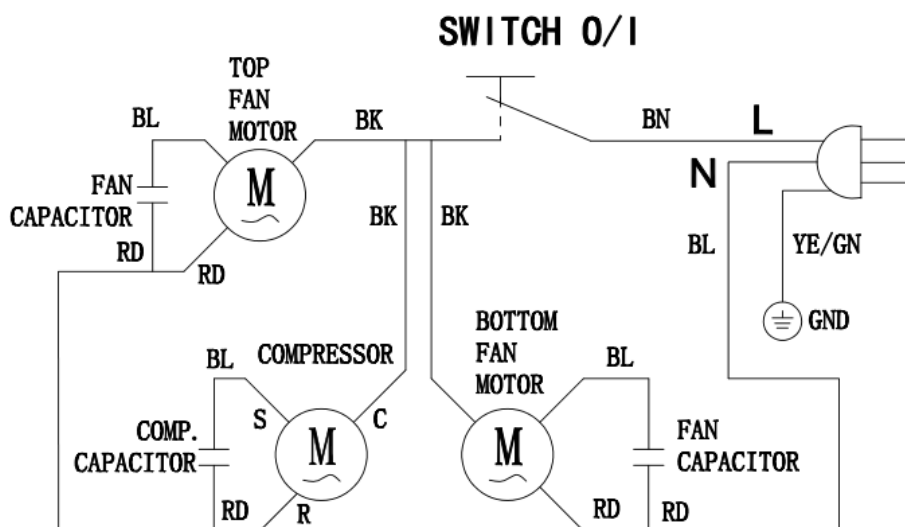
	Please use dry and clean cloth to rub down the dust on power plug on schedule. Dusty or moist plug may cause poor contact or electric leakage, leading to safety accident.
	Do not haphazardly bend, drag, twist, pinch or change the power line. Do not overload the power line. Otherwise, there may be fire, electrocution and other accidents.
	Please do not use it as a cooler for boat and vehicle, etc. Otherwise, there may be safety accident.
	Please do not stick finger or hand in the vent.

II. TECHNICAL PARAMETERS

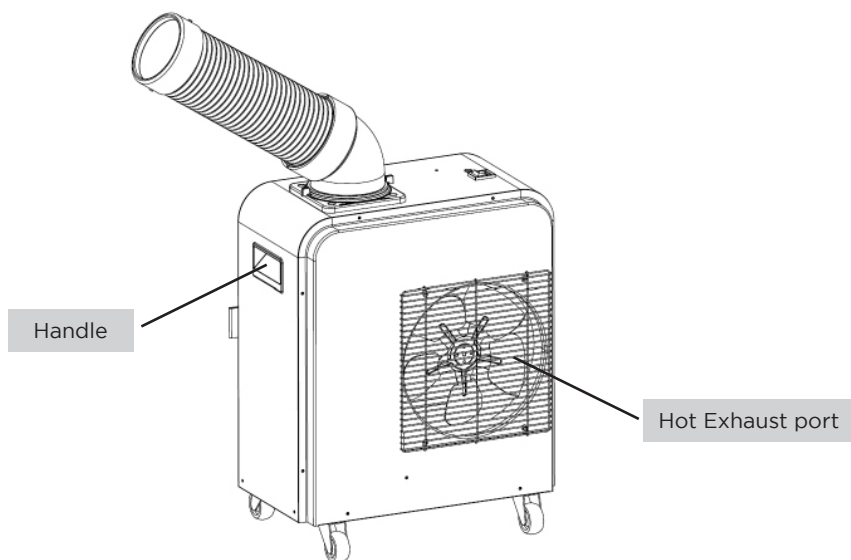
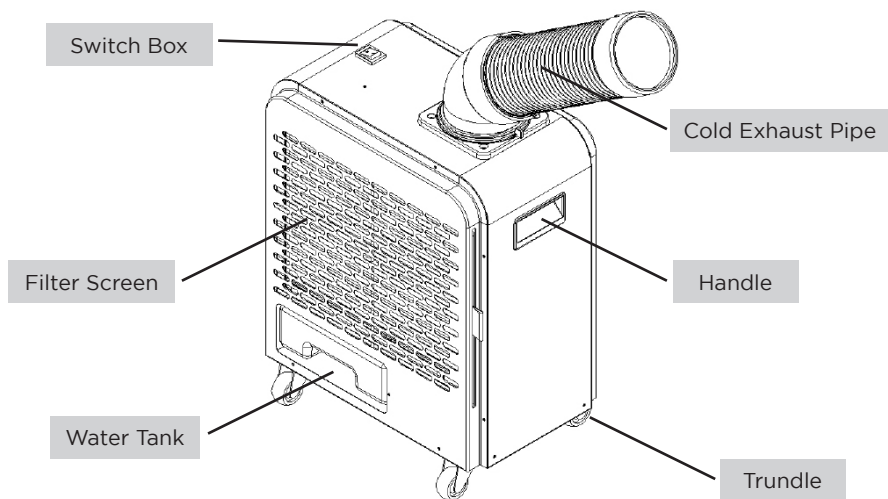
Model	PIN RSC20
Power	220-240V/50Hz
Refrigerating Capacity	6800BTU/2000W
Rated Power	700W
Rated Current	3.2A
MAX. Power	950W
MAX. Current	4.3A
MAX. Suction Pressure	2.5MPa
MAX Discharge Pressure	4.5MPa
MAX Allowable Pressure	4.5MPa
Refrigerant/Charge Quantity	R410a/330g
Operating Temperature	20℃~43℃
Net Weight	25.5kg
Product Dimension	465 x 287 x 586mm
Packaging Dimension	560 x 325 x 715mm

III. ELECTRICAL SCHEMATIC DIAGRAM

Model: PIN RSC20 Elementary Wiring Diagram

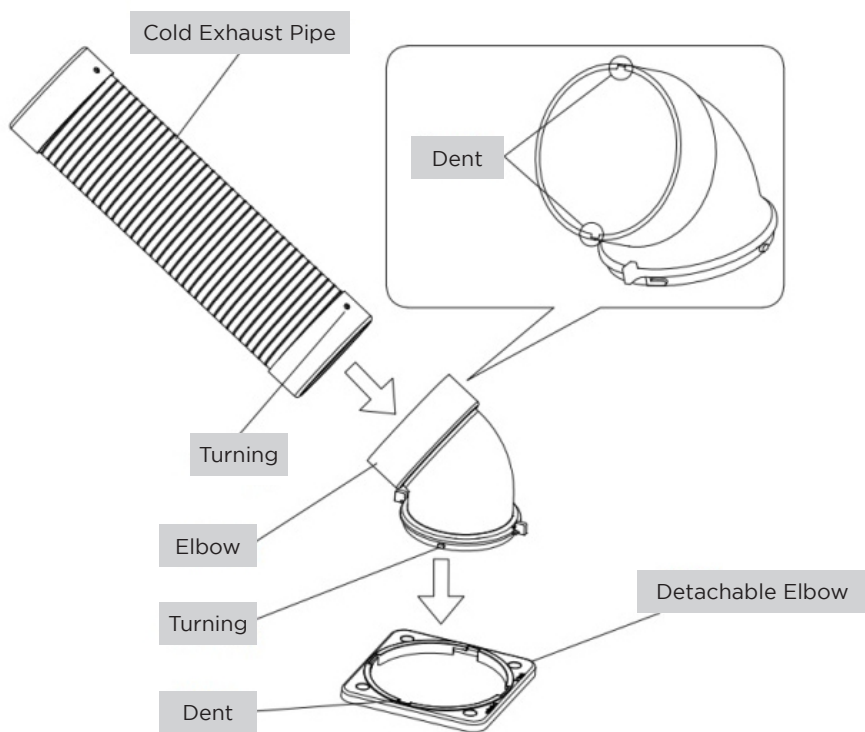


IV. PRODUCT STRUCTURE



V. INSTALLATION METHOD

- Installation method of elbow: point the turning of the elbow to the dent of the detachable elbow base on the machine, insert it in and rotate it anticlockwise. The elbow is in place when a sound of crack is heard (Fig.1)
- Installation method of cold exhaust pipe: point the turning of the cold exhaust pipe to the dent of the cold exhaust pipe, insert it in and rotate it to the left to make it in place (Fig.1).



(Fig. 1)

VI. OPERATION METHOD

1. Operation method

- Press the rocker switch «I» on the upper part of the machine, and the compressor will immediately start the cooling work, and at the same time start the fan air.
- When the rocker switch “o” is pressed, the machine is turned off and stops running.

Note

This Spot Cooler cannot be started immediately after the machine has been shut down. Please wait for 3 minutes before starting again.

Please turn off the cooler, and then turn off the power before moving the machine.

2. Compressor overheat protection.

- The compressor is overheated and overloaded due too excessive or too low voltage and high ambient temperature. In order to protect the compressor, the overload protector will operate and cut off the compressor power.
- If the cooler is restarted immediately after the machine, it will also cause compressor current overload protection.

Note

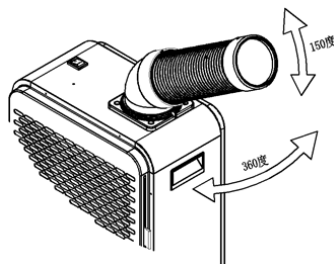
When the overload protection device is activated, the machine only blows out natural wind and does not cool. If the thermal overload protection is frequently activated, please find and eliminate the cause before using the machine.

3. Adjustment range and operation of the air direction

- The cold air duct can rotate around 360 degrees.
- The cold air duct can be moved up and down by about 150 degrees.

Note

When adjusting the air outlet angle of the cold air duct, please hold the elbow for adjustment. You cannot directly hold the cold air duct for adjustment.



VII. WATER TANK

Method of using water tank: When the water level in the water tank is about 2.5CM from the upper end surface of the water tank, please turn off the cooler first, then pull out the water tank, re-install the water tank after draining the water, wait for the shutdown time for more than 3 minutes, then start the cooler again. It will work properly.

Attention:

- Please do not move the machine when the water is full. Drain the water before moving it.
- Compressor has 3 minutes delay protection function. After pouring water, the compressor will start automatically with a delay of 3 minutes. Before that, only the fan will send out natural air.

VIII. THE REQUIREMENTS OF THE USE OF THE MACHINE

Special reminder users:

- When using the machine, the air inlet and the cold air duct should be separated from the wall surface or other obstacles by more than 30cm, and the hot air outlet is more than 80cm away from the barrier.
- The machine should be placed on a level surface, and it should not be used on slopes, uneven floors, house entrances and exits, etc., To avoid a safety accident.
- Do not use the unit in wet places such as rain and snow to avoid a safety accident.

Note: Do not place obstacles on the front of the air inlet, cold air duct and hot air exhaust. Do not aim at hot exhaust vents.

IX. MAINTENANCE AND CHECK

- Please clean the filter screen on schedule. Dust and dirt on the filter screen may affect the air supply and cause frosting of heat exchanger, leading to machine breakdown.
- For filter screen cleaning, please use a vacuum cleaner to suck the dust out on the filter screen and then use clean water to wash it. Use it when it is completely dry.

Attention: When cleaning machine surfaces, please do not use diluents, volatile oil, and other articles that may damage the surfaces.

- Please check if the power line is broken. If so, replace it immediately.
- Please check if any screw is loose. If so, screw it tight.
- Before long-term shut-down of machine, please pour the water in the reservoir out and save it when the tank is dry.
- Please do not place the machine horizontally or upside down.
- Please put the machine where kids cannot approach. In the meantime, avoid storing it in places with high temperature, rain splash or direct sunlight.

Attention: Please disconnect the power plug out when changing parts during maintenance and checks.

Please Disconnect the power plug out when keeping the machine.

X. FAULT CAUSE AND COUNTERMEASURE

1. If the cooler breaks down, please immediately cut the power off and pull the power plug out from the socket to check the following matters:

Fault	Cause Analysis	Troubleshooting
Out-of-Operation	If the power plug is loose or falls off	Please insert the power plug firm in the power socket
	Fuse is burnt	Ask professional to replace the fuse
Out-of-Refrigeration	Heat exchanger surface is blocked by filth	Clean heat exchanger surface to ventilate it to give off heat
	Hot exhaust blower fails	Repair or replace hot exhaust blower
	External temperature is too high	Please use it in proper place
	Compressor capacitor is damaged	Replace compressor capacitor
	Refrigerating system pipeline is clogged	Replace pipeline system
	Overly high or low input voltage	Please choose proper voltage
	Compressor overheat and overload protection fails	Restart after cooling
	Compressor motor fails	Repair or replace compressor
Water Leakage	Drainpipe opening is clogged	Dredge drainpipe
	Water tank position is not in place	Reset it
	Filter screen has dust and filth	Please clean filter screen
	Water tank is full	Poor water out in a timely manner

XI. 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 environmentally safe recycling.



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Version .1; 2023