GLOBAL™ INDUSTRIAL

We can supply that.®

User's manual	Manual del usuario	Manuel de l'utilisateur
Customer Service US: 1-800-645-2986	**Servicio de atención al Cliente US: 1-800-645-2986**	**Service à la clientèle Canada: 888-645-2986**

Portable Spot Cooler Air Conditioner, 6,475 BTU, 115V, R32

Model: 293117R

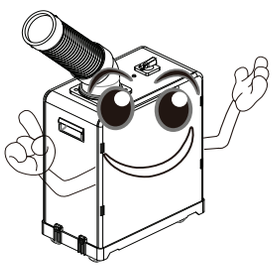


Portable Spot Cooler AC

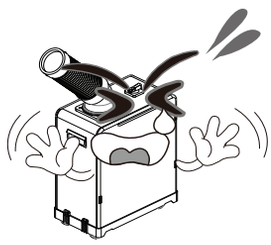
1 Safety Precautions

NOTE:
Be sure to follow the safety precautions to prevent accidents or dangers in advance by using the product safely and correctly.

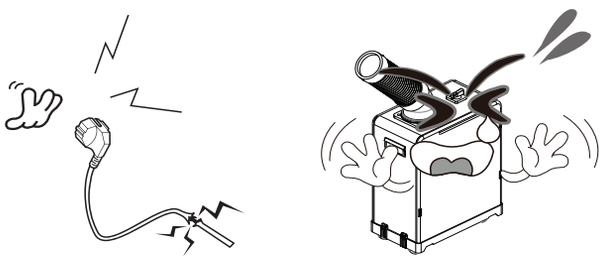
Use the rated voltage marked on the side of the air conditioner; otherwise, it may cause fire or electric shock.



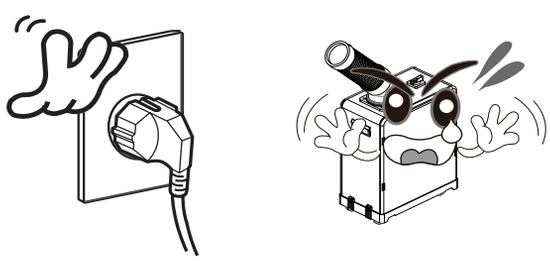
When using an extension cord, check the current of the product being used and use a cord that meets the rating. When using an extension cord, use it alone; otherwise, it may cause fire or electric shock.



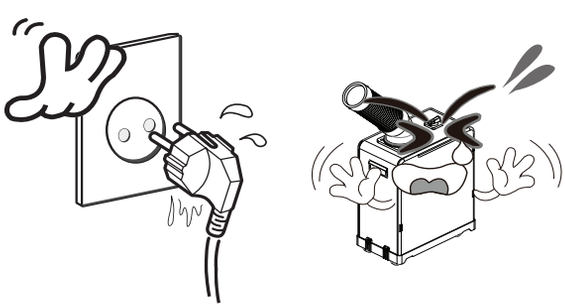
Do not use a damaged power cord or plug or a loose outlet. There is a risk of electric shock, short circuit, or fire.



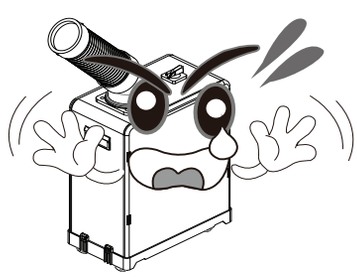
Do not unplug the power plug while the product is in operation. There is a risk of electric shock.



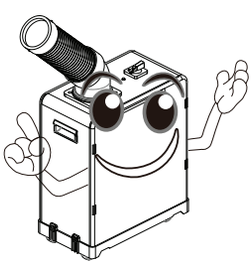
Do not pull the cord out or touch the power plug with wet hands. There is a risk of electric shock.



Do not put your hands or foreign object into the air outlet or air inlet. Use caution if children are present.



After stopping the operation, unplug the power plug, and clean when the fan has stopped; otherwise, it may cause electric shock.



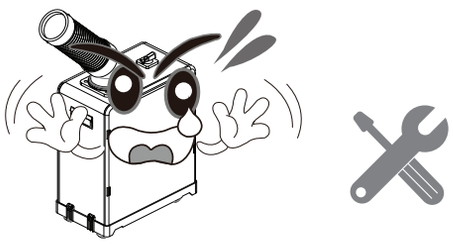
If there is a strange sound, burning smell, or smoke during operation, stop operation immediately and contact Global Industrial. If you continue to operate in an abnormal state, there is a risk of malfunction, electric shock, or fire.

Portable Spot Cooler AC

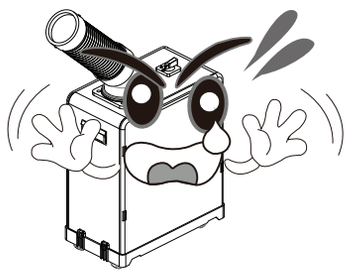
1 Safety Precautions (Cont'd)

NOTE:
Be sure to follow the safety precautions to prevent accidents or dangers in advance by using the product safely and correctly.

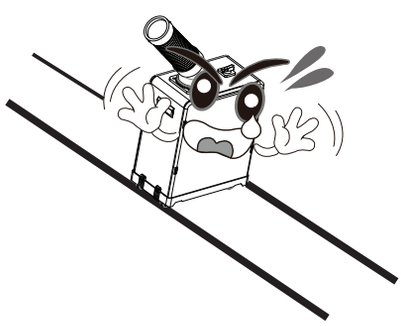
Do not disassemble, repair, or remodel. There is a risk of electric shock, breakdown, or fire when disassembling and modifying.



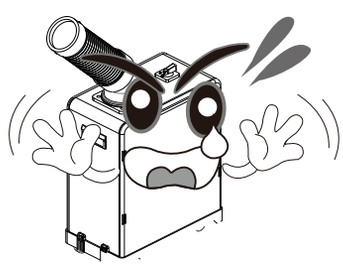
Do not move the product while it is in operation. There is a risk of malfunction or accidents.



Do not install the product on uneven or sloping floors.



Do not spray directly with water or clean with benzene, thinner, or alcohol. There is a risk of electric shock or fire.



2 Notes on Installation

ICEN Terms of Use

There is a limit to the outside temperature and humidity range when using ICEN. Operation outside of temperature and humidity conditions may cause malfunction.

Operating Temperature	Operating Humidity
64 - 113°F	80%

Selection of Operation Location

⚠ Warning

- Do not use in explosive environments or in locations where there is a possibility of a flammable gas leakage.
- Do not use in locations exposed to rain or water.
- Do not use the product in corrosive environments.
- Use only within operating temperature and humidity. (Operating temperature 64-113°F, humidity 80% or less). After receiving the product, leave it on for 1 to 2 hours or more to stabilize the refrigerant before turning it on.

WARNING



This symbol means to read the instruction manual carefully.



This symbol indicates that information is provided, such as in the user manual or installation manual.



This symbol means that this appliance uses a flammable refrigerant.
There is a risk of fire if refrigerant leaks and is exposed to an external ignition source.



This symbol means that service personnel must refer to the installation instructions when handling this equipment.

- Do NOT use mechanical devices or other means to accelerate the defrosting process or to clean th unit, except those recommended by the manufacturer.
- Store the appliance in a room without continuously operating ignition sources (e.g., open flames operating gas appliances, electric heaters, or hot surfaces).
- Do NOT pierce or burn the unit
- Be aware that refrigerants may be odorless

General

- The installation of pipe-work must be kept to a minimum.
- National gas regulations must be observed.
- Mechanical connections must be accessible for maintenance purpose.
- The air conditioner unit shall be stored in a well-ventilated area.
- Keep any required ventilation openings clear of obstruction.

Unventilated Areas

- Store the unit in a manner that prevents mechanical damage
- Do not store the unit near open flames, gas appliances, electric heaters, or othe ignition sources.
- Damaged units must be repaired before storage

Safety Checks for Service Work (Flammable Refrigerants)

Before performing any work on systems containing flammable refrigerants, safety checks must be conducted to minimize the risk of ignition.
Prior to servicing or repairing the refrigeration system, ensure all required safety precautions are followed and that the work area has been properly assessed for potential ignition hazards.

Work Procedure

Work must be carried out under controlled procedures to minimize the chance of any flammable gas or vapor being present during the operation.

General Work Area

All maintenance personnel and anyone working in the surrounding area must be informed of the nature of the work being performed. Work in confined spaces should be avoided.

Qualification of Workers

– Use caution when handling the unit to avoid damage. Do not puncture or drill into the product for any reason, as this may cause damage and prevent the unit from cooling properly.
– Service must only be performed by technicians who are properly trained and certified to work with flammable refrigerants. Any service performed by unauthorized individuals will void all warranties.
– Maintenance and cleaning must be carried out by trained personnel. Improper cleaning can damage the refrigeration system and/or electrical components.
– Servicing shall only be performed in accordance with Global Industrial recommendations. Any maintenance or repair requiring additional skilled personnel must be conducted under the supervision of someone competent in the handling of flammable refrigerants.
– The refrigerant and insulation blowing agents used in this appliance require special disposal procedures. Consult a service agent or other qualified professional before disposing of them.
– Anyone working on or opening a refrigerant circuit, sealed components, or ventilated enclosures must hold a valid certification from an industry-accredited assessment authority, confirming their competence to safely handle refrigerants in accordance with recognized industry standards.

Checking for the Presence of Refrigerant

The work area must be inspected with an appropriate refrigerant detector both before and during the task to ensure the technician is alerted to any potentially toxic or flammable atmosphere. Leak-detection equipment must be suitable for all applicable refrigerants—non-sparking, properly sealed, or intrinsically safe.

Fire Extinguisher Requirements

If any hot work is to be performed on the refrigeration equipment or associated components, appropriate fire-extinguishing equipment must be readily accessible. A dry-powder or CO_2 extinguisher should be positioned adjacent to the charging area.

Elimination of Ignition Sources

No person working on refrigeration systems or exposed pipework shall use any ignition source that could create a risk of fire or explosion. All potential ignition sources—including smoking—must be kept at a safe distance during installation, service, repair, removal, or disposal activities where refrigerant may be released. Before work begins, the surrounding area must be surveyed to confirm the absence of flammable hazards or ignition risks. “No Smoking” signage shall be clearly displayed.

Ventilated Area

Ensure the work area is outdoors or adequately ventilated before opening the system or performing any hot work. Ventilation must be maintained throughout the duration of the task to safely disperse any released refrigerant, preferably exhausting it to the outside atmosphere.

Checks to the refrigerating equipment

When replacing electrical components, they must be suitable for the application and meet the correct specifications. Manufacturer maintenance and service guidelines shall always be followed. If uncertain, contact Global Industrial.

Checks to the Refrigerating Equipment

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The following checks shall be performed on installations using flammable refrigerants:

– Confirm the refrigerant charge is appropriate for the room size where refrigerant-containing components are installed.
– Verify that all ventilation equipment and outlets are functioning properly and remain unobstructed.
– If an indirect refrigeration circuit is used, check the secondary circuit for the presence of refrigerant.
– Ensure all equipment markings remain visible and legible; restore or replace any damaged or illegible markings.
– Confirm that refrigeration pipes and components are installed in locations where they will not be exposed to corrosive substances, unless constructed from inherently corrosion-resistant materials or otherwise properly protected.

Checks to Electrical Devices

Repair and maintenance of electrical components shall include initial safety checks and proper inspection procedures. If any fault is identified that may compromise safety, power must not be supplied to the circuit until the issue has been resolved.

Initial safety checks shall include:

– Discharging capacitors safely to prevent sparking.
– Ensuring no live electrical components or wiring are exposed during charging, recovery, or purging of the system.
– Confirming continuity of earth bonding.

During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected.
This shall include damage to cables, excessive number of connections, terminals not made to original specification, dam-age to seals, incorrect fitting of glands, etc.

Sealed electrical components shall be replaced.

Ensure that seals or sealing materials have not degraded to the point that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer’s specifications.

Detection of Flammable Refrigerants

Never use potential ignition sources when checking for refrigerant leaks. Halide torches or any leak detection device that uses an open flame must not be used.

Acceptable leak detection methods include electronic leak detectors, the bubble method, and fluorescent dye. When using electronic detectors with flammable refrigerants, ensure the detector:

Is calibrated in a refrigerant-free area.
Is suitable for the refrigerant being used.
Is not a potential ignition source.
Is set to detect leaks at the appropriate percentage of the refrigerant's Lower Flammability Limit (LFL), with a maximum of 25% gas concentration.

If a leak is suspected, immediately extinguish or remove all open flames and ignition sources.

If a refrigerant leak requires brazing, recover all refrigerant from the system or isolate it using shutoff valves in a section away from the repair area before beginning work.

Removal and Evacuation

When opening the refrigerant circuit for repairs or service, always follow standard refrigeration practices while taking additional precautions for flammable refrigerants.

Recommended procedure:

- Evacuate the system.
- Purge the circuit with an inert gas (optional for A2L refrigerants).
- Evacuate again (optional for A2L refrigerants).
- When using a flame to open the circuit, continuously purge with inert gas.
- Open the refrigerant circuit.

Recover refrigerant into approved recovery cylinders whenever venting is prohibited by local or national regulations.

For systems containing flammable refrigerants, purge the system with oxygen-free nitrogen to remove refrigerant before servicing. Repeat the process as necessary. Never use compressed air or oxygen for purging.

For A2L refrigerants, the evacuation and nitrogen purge steps may be optional, but if nitrogen is used, continue purging until the system reaches working pressure, vent to atmosphere, and pull the system back into a vacuum. Repeat until the refrigerant has been completely removed. After the final nitrogen charge, vent the system to atmospheric pressure before servicing.

Ensure the vacuum pump exhaust is located away from any ignition sources and that the work area is well ventilated.

Labeling

After decommissioning, clearly label the equipment to indicate it has been emptied of refrigerant. The label must be dated and signed. Equipment containing flammable refrigerants must also display a label indicating that it contains a flammable refrigerant.

Decommissioning

Before servicing or decommissioning the equipment, the technician must be thoroughly familiar with the unit and its operation. Refrigerant should always be recovered safely. If reclaimed refrigerant may be reused, collect oil and refrigerant samples for analysis before beginning work. Ensure electrical power is available before starting the procedure.

Follow these steps:

- Familiarize yourself with the equipment and its operation.
- Disconnect electrical power to the system.
- Verify that:
  - Appropriate refrigerant recovery cylinders and recovery equipment are available. Mechanical lifting equipment is available, if required.
  - Proper personal protective equipment (PPE) is being used.
  - A qualified technician supervises the recovery process.
- Pump down the refrigerant system whenever possible.
- If a vacuum cannot be achieved, use a manifold to recover refrigerant from all sections of the system. Place the recovery cylinder on a scale before recovery begins.
- Operate the recovery machine according to the manufacturer's instructions.
- Do not fill recovery cylinders beyond 80% of their liquid capacity.
- Never exceed the cylinder's maximum working pressure.
- After recovery is complete, promptly remove the cylinders and recovery equipment from the work area and close all isolation valves.
- Do not recharge recovered refrigerant into another refrigeration system unless it has been properly cleaned and tested.

Refrigerant Recovery

When removing refrigerant for service or decommissioning, always recover it safely using approved refrigerant recovery cylinders.

Ensure:

- Only cylinders approved for refrigerant recovery are used.
- Sufficient cylinder capacity is available for the total refrigerant charge.
- Recovery cylinders are clearly labeled for the refrigerant being recovered.
- Cylinders are equipped with properly functioning pressure-relief devices and shutoff valves.

Charging Procedures

In addition to standard charging practices, observe the following precautions:

- Prevent contamination between different refrigerants by using clean charging equipment. Keep charging hoses as short as practical to minimize refrigerant volume.
- Always keep refrigerant cylinders in the upright position.
- Verify the refrigeration system is properly grounded before charging.
- Label the system after charging, if it is not already labeled.
- Do not overcharge the refrigeration system.

Before recharging, pressure-test the system using the appropriate purge gas. After charging, perform a leak test before commissioning the equipment, and conduct a final leak inspection before leaving the installation site.

Portable Spot Cooler AC

2 Notes on Installation (Cont'd)

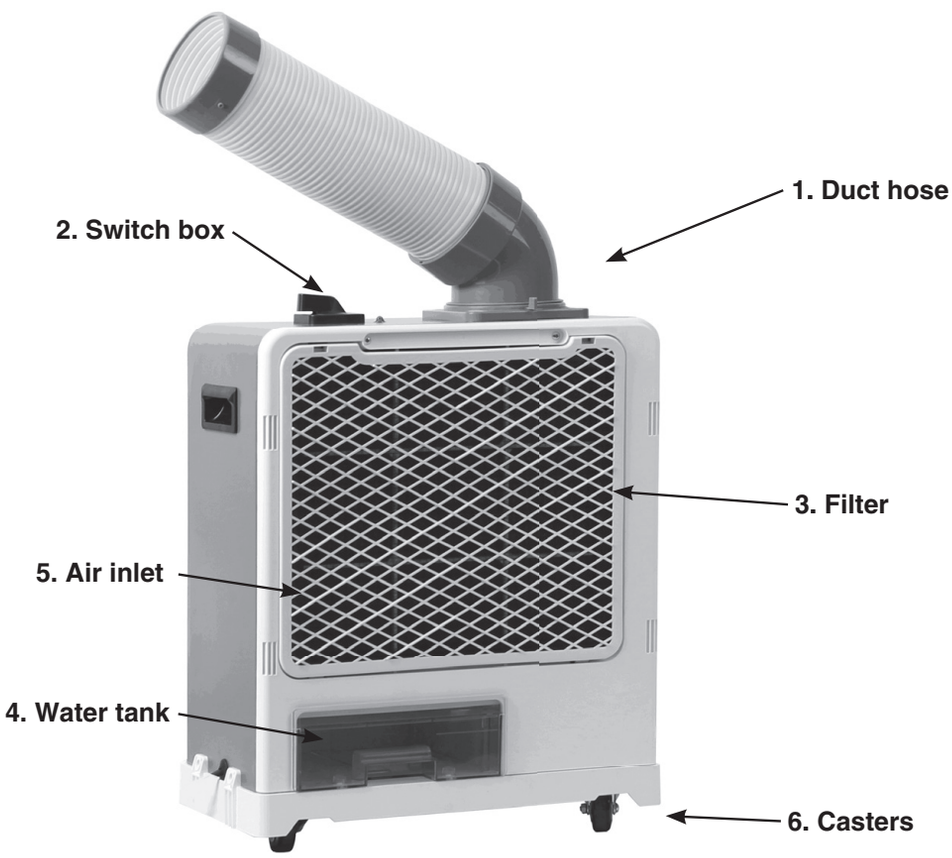
Transporting Product

- Operate product on a flat surface.
- There may be residual moisture inside the product. When moving the product, be sure to empty the water tank and be careful not to fall or collide.

Connecting to Power

- Check that there is no dust or foreign matter on the surface of the power outlet and cord.
- If there is dust or foreign matter, wipe off with a clean, dry cloth before use.
- Check that the power cord is not damaged and that it is suitable for power supply.
- In case of damage or inadequate power supply, contact a qualified electrician.

3 Product Diagram & Parts



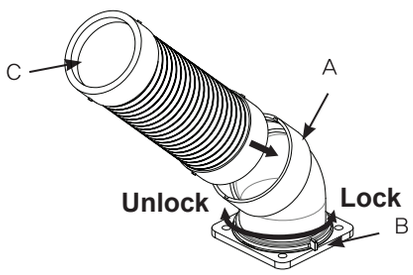
1. Duct hose: Where cool air is discharged. Duct can be rotated 360 degrees.
※ Be careful not to let foreign substances enter the bellows. Refer to page 5 for how to install duct hose.
2. Power: On/off
   Operation Speed: Low/high
3. Filter: Dust accumulation on the filter will reduce performance. Therefore, periodic cleaning is required. To remove the front filter, hold the filter handle and remove the filter.

Portable Spot Cooler AC

3 Product Diagram & Parts (Cont'd)

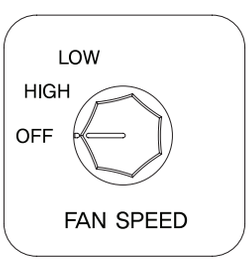
How to Install Duct Hose

1. After inserting the elbow pipe (A) into the connection part (B) of the body, tighten the lever handle under the duct (A) by turning it counterclockwise.
2. After inserting the duct hose (C) into the duct (A), turn it to the left to fasten it.



4. Water tank: Be sure to add water to water tank before use.
   Removing water tank - Lift handle at the center of water tank upwards slightly to remove.
   Inserting water tank - Hold the handle at center of water tank and push it down.
5. Air inlet: Do not obstruct or place object near the suction port
6. Casters: Used to transport product

4 Operation Instructions



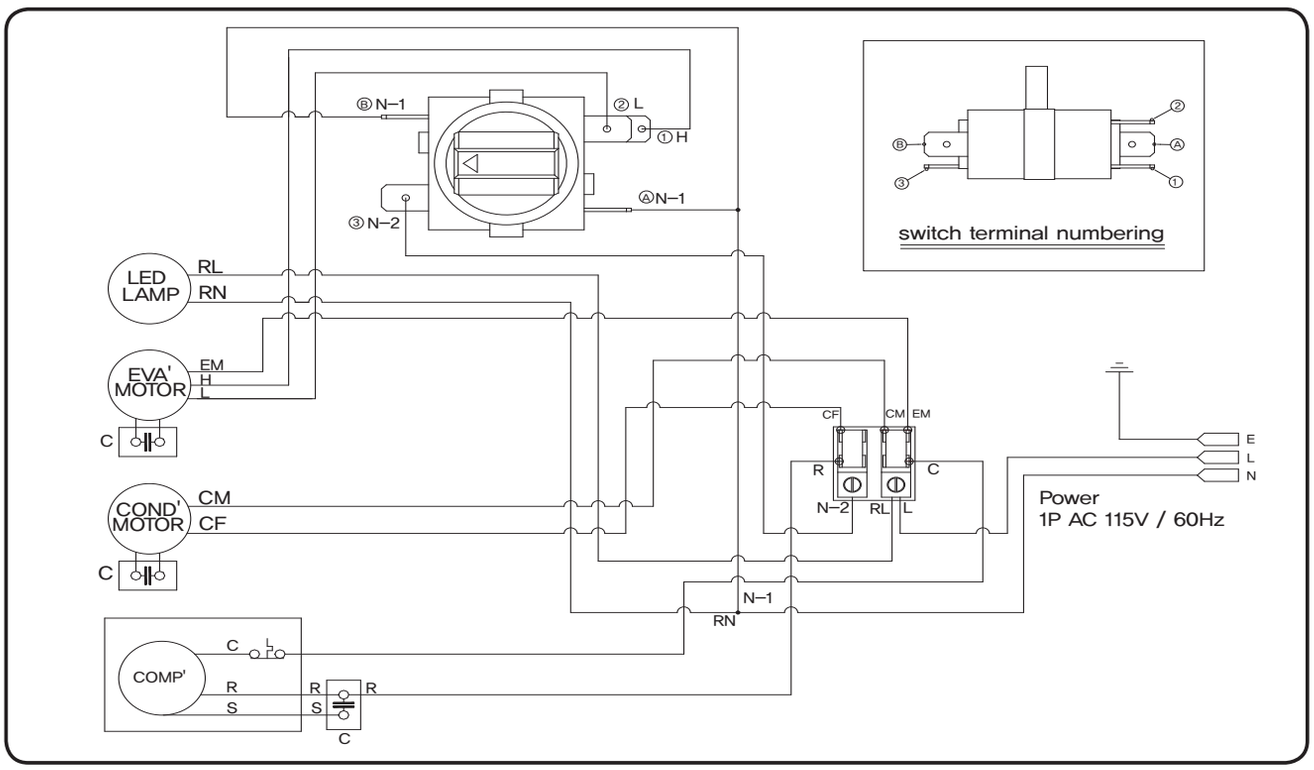
Operation Mode and Speed

- OFF - Power is Off
- LOW - Low Speed
- HIGH - High Speed

NOTE:
If the ambient temperature is out of operating range, 64 - 113°F, the compressor will automatically stop and the fan will continue to run. If only the fan blows continuously, a malfunction may have occurred in the product. Take A/S measures and operate again.

Portable Spot Cooler AC

5 Wiring Diagram



6 Operating Location Precautions

- When using the product, the air intake and bellows hose must be kept at least 1 foot away from the wall or any other obstacles. The hot air outlet must be kept at least 2 feet away from any obstacles.
- The product must be placed and operated on a flat surface. Accidents may occur if installed on an incline, uneven floor, or at an entryway.
- To avoid accidents, do not use in places exposed to rain or water.
- Do not place objects in front of the air inlet, in front of the hose duct, or hot air outlet. Do not place hot air outlet near objects with poor heat resistance.

7 Maintenance and Storage

Filter Cleaning

- If dust accumulates on the filter at the front of the product, the cooling capacity will decrease, so it is recommended to clean the filter periodically depending on operation environment.
- To clean the filter, turn off the product, remove the filter, and soak it in detergent or gently clean with a soft brush, then dry it completely before re-installing it for use.

⚠ Caution

When cleaning the surface of the machine, do not use any chemicals that may damage the surface of the machine (e.g. thinner, gasoline, or other chemicals).

Portable Spot Cooler AC

7 Maintenance and Storage (Cont'd)

Machine Body Cleaning

- Clean the main body only. Do not attempt to take machine apart.
- Moisten a soft cloth with water or neutral detergent, etc., and spot clean any contaminated areas.
- When cleaning the main body, be careful not to let water enter the gaps and vents of the product.

Storage

When not in use, store product upright and cover with plastic to prevent foreign substances from entering the opening on the side of the duct hose

8 Troubleshooting

Problem	Probable Cause	Solution
Air conditioner not turning on	Power is not connected	Connect the power.
	Room temperature is too high	Please use it within the range of 64 - 113°F.
	Input voltage is too high or too low	Please contact the customer center.
	Compressor failed	Please contact the customer center.
Leaking	Drain pipe outlet is blocked	Please contact the customer center.
	Position of the water tank is not correct	Reposition the water tank.
	Water tank is full	Empty the water tank.
Air conditioner is not cool	When it comes to refrigerant	Please contact the customer center.

9 Product Specifications

Specification	293117R
Voltage	115V / 60Hz
Cooling Capacity	6,745 BTU (2000W)
Power Consumption	720W
Rated Current	6.13A
Refrigerant	R32 (240g)
Weight	53 lbs
Dimensions	19"x11"x22"