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**

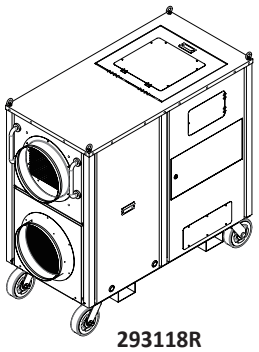
Outdoor Rated Portable A/C, 5 Tons, 60,000 BTU

Model : 293118R

Read and save these instructions. Before assembling, installing, operating, or servicing this product, review all information carefully. Not following these guidelines may cause injury or property damage. Keep this manual for future use.

Description

Global Industrial Portable Air Conditioners are designed specifically for spot cooling in areas where central air conditioning is impractical or unavailable. They may also be used in enclosed spaces in the same manner as conventional air conditioners. The simple digital controller and built-in self-diagnostic features make operation easy for any user. Caster wheels allow the unit to be moved effortlessly, and installation can be completed in approximately five minutes without additional materials or the need for a certified technician.



293118R

Figure 1

Unpacking

After unpacking the unit, carefully inspect it for any damage that may have occurred during transit. Verify that no parts are loose, missing, or damaged before operating the unit.

Specifications

Model No.	Power Supply Ph-V-Hz	Cooling Capacity Btu/h	Power Consumption Watts	Rated Current Amps
293118R	1Phases - 220V - 60Hz	60,000	6.62 kW	30.2 A

Model No.	Weight (Net / Gross) Lbs(kg)	Ambient temperature range °F(°C)	Dimensions W x D x H - in. (mm)
293118R	672/728lbs.(305/330kg)	64~113(18~45)	29.5 x 58.3 x 58.1 (750 x 1482 x 1478)

Specifications *(Continued)*

Model No.	Evaporator(Cool) Air Flow (CFM)	Refrigerant Type / oz(g)
293118R	1350	For a compressor: R32, 33.5oz x2 (950g x2) Total: 67oz (1900g)

Model No.	Minimum airflow volume (㎥/h)	Minimum room area (㎡)	Minimum room area (ft²)
293118R	274.6	20.7	222.8

Safety Devices	Compressor overload protector, Anti-freezing thermistor, Automatic restart (Power interruption), Compressor time delay program, High pressure switch
Features	Temperature control, Self-diagnostic function, Optional drain pump kit, Washable filters, °F(°C) display, Off-timer

General Safety Information

Please read this manual carefully for correct installation and usage. Please read all safeguards.

1. Transport and store the unit in an upright position only. Leave unit in an upright position for at least 3 hours before first use.
2. Always place the unit on an even, level surface.
3. Ensure the unit is connected to a grounded power supply of the correct rating / capacity.
4. The unit will operate between 18°C (64°F) ~ 45°C(113°F) depending on the temperature setting.
5. DO NOT use this unit for other purposes that is not described in this instruction manual.
6. DO NOT tilt the unit.
7. NEVER unplug the unit under operation.

⚠ WARNING ***DO NOT use the unit in wet environments, such as a laundry room, to avoid the risk of electrical shock.***

10. DO NOT place any foreign objects on the unit.
11. DO NOT operate the unit with wet or damp hands.
12. DO NOT allow chemical substances to come into contact with the unit.
13. DO NOT operate the unit near flammable substances or vapors such as alcohols, pesticides, gasoline, etc.
14. DO NOT unplug to turn off the unit. Always use the power switch to start and to stop the unit.
15. Always disconnect all polarity from the unit and remove the mains plug from the electrical outlet before cleaning, moving or performing any maintenance.
16. AVOID using adapter plugs or extension cords. If extension cord or an adapter plug is needed, ensure they are correctly rated for the application. Consult a local qualified electrician for proper setup. Any extension cord used with this device must be rated for a minimum of 35A (220V)
17. DO NOT unplug the unit by pulling on the electrical cord. Keep electrical cord away from heat sources and always completely unroll the cord to avoid overheating. If the power cord is damaged, contact a qualified service agent, or a qualified electrician for replacement.

⚠ WARNING ***DO NOT operate a unit with a damaged power cord.***

18. The filters must be used with the product at all times. When the filters are removed for cleaning, always ensure that the unit has been turned off and unplugged from the electrical outlet.
19. Regularly clean the filters to maintain efficiency. If the filters are not cleaned regularly, the units output performance and efficiency will decrease.
20. DO NOT operate the unit with a damaged power cord or plug,
21. Only use in the upright position on an even, flat surface. There must not be any objects or walls within 24 inches (60 cm) from the unit.
22. Halt the unit immediately if abnormal noise or odor is detected. Contact your local service center or manufacturer.
23. Appliance is not to be operated by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
24. Children must be supervised not to play with appliance.
25. The unit must be installed in accordance with national wiring regulations.
26. 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.
27. 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.
28. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
    Children should be supervised to ensure that they do not play with the appliance.

SAVE THESE INSTRUCTIONS

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 means to accelerate the defrosting process or to clean, other than those recommended by Global Industrial.
– 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 puncture or expose to open flame.
– Be aware that refrigerants may not contain an odor.

General

– The installation of pipe-work shall be kept to a minimum.
– National gas regulations shall be observed.
– Mechanical connections shall be accessible for maintenance purpose.
– The appliance shall be stored in a well-ventilated area.
– Keep any required ventilation openings clear of obstruction.
- Appliance operated and stored in a room with a floor area larger than 65-ft2

Unventilated areas

– The air conditioner must be stored in a manner that prevents any mechanical damage.
– When storing, do not place in a room containing open-flame equipment (such as operating gas appliances) or other potential ignition sources (such as electric heaters or hot surfaces).
– Any damaged units must be repaired before being placed into storage.

Area Checks

Before beginning any work on systems containing flammable refrigerants, safety checks must be performed to ensure that all ignition risks are minimized. The following precautions shall be observed prior to conducting any repairs on the refrigeration system.

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.

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.

All sealed electrical components must be replaced, not repaired.

Repair of Intrinsically Safe Components

Intrinsically safe components must be replaced using approved parts only.

Cable Requirements

All cabling shall be installed and maintained so that it is not exposed to wear, corrosion, excessive pressure, vibration, sharp edges, or other adverse environmental conditions.
Inspections must consider the effects of aging and any continuous vibration from equipment such as compressors or fans.

Detection of Flammable Refrigerants

Under no circumstances shall any potential source of ignition be used when searching for or detecting refrigerant leaks. Do NOT use a halide torch or any leak detector involving a naked flame.

Acceptable leak detection methods for all refrigerant systems include:

• Electronic leak detectors, provided they are suitable for the specific refrigerant and pose no ignition risk. Sensitivity may require adjustment or recalibration. Detectors must be calibrated in a refrigerant-free area.
• Leak detection equipment must be set to detect a percentage of the refrigerant's Lower Flammability Limit (LFL) and calibrated for the refrigerant being used. A maximum of 25% of LFL is permitted.
• Bubble solutions
• Fluorescent dye methods

If a leak is suspected, all open flames must be removed or extinguished immediately.

If a refrigerant leak is discovered and repair requires brazing, the entire refrigerant charge shall be recovered, or isolated using shut-off valves in a section of the system remote from the leak.

Removal and Evacuation Procedures

When opening the refrigerant circuit for repairs or other work, standard procedures apply; however, extra precautions are required for flammable refrigerants. Follow this sequence:

1. Evacuate the system.
2. Purge the circuit with inert gas (optional for A2L refrigerants).
3. Evacuate again (optional for A2L).
4. Continuously flush or purge with inert gas when applying heat or flame to open the circuit.
5. Open the circuit.

Refrigerant must be recovered into proper recovery cylinders if venting is prohibited by local or national regulations. For systems containing flammable refrigerants, purge the system with oxygen-free nitrogen (OFN) to ensure it is safe for service. Multiple purging cycles may be required.

Do NOT use compressed air or oxygen for purging refrigerant systems.

To fully purge systems with flammable refrigerants:
• Break the vacuum with oxygen-free nitrogen.
• Fill the system until working pressure is reached.
• Vent to atmosphere.
• Pull the system back to a vacuum (optional for A2L).
• Repeat this process until no refrigerant remains (optional for A2L).

After the final nitrogen purge, vent the system back to atmospheric pressure before performing any work.

Ensure the vacuum pump exhaust is not located near potential ignition sources, and that adequate ventilation is provided.

Labeling

Equipment must be clearly labeled to indicate that it has been decommissioned and emptied of refrigerant. Each label shall include the date and signature of the technician.

For appliances containing flammable refrigerants, ensure that all required warning labels indicating the presence of flammable refrigerant are securely attached and visible.

Decommissioning Procedures

Before starting any decommissioning work, the technician must be thoroughly familiar with the equipment and its specific details. As best practice, all refrigerant should be safely recovered.

Prior to beginning, obtain an oil and refrigerant sample in case further analysis is required before reclaimed refrigerant is reused. Ensure that electrical power is available before starting.

Follow these steps:

a) Familiarize yourself with the equipment and its operation.

b) Electrically isolate the system.

c) Before continuing, confirm the following:

- Appropriate mechanical handling equipment is available for moving refrigerant cylinders.
- All required personal protective equipment (PPE) is present and correctly used.
- The recovery process is continually supervised by a competent person.
- Recovery equipment and cylinders comply with the relevant standards.

d) Pump down the refrigerant system, if possible.

e) If a vacuum cannot be achieved, install a manifold to allow refrigerant removal from multiple parts of the system.

f) Ensure the recovery cylinder is placed on calibrated scales before recovery begins.

g) Start and operate the recovery machine in full accordance with the manufacturer’s instructions.

h) Do not overfill cylinders. Liquid charge must not exceed 80% of the cylinder’s volume.

i) Do not exceed the cylinder’s maximum working pressure at any time.

j) Once recovery is complete and cylinders are correctly filled, remove cylinders and equipment from the site promptly, ensuring all isolation valves on the system are closed.

k) Recovered refrigerant shall not be charged into another system unless it has been properly cleaned and verified.

Refrigerant Recovery

When removing refrigerant for servicing or decommissioning, all refrigerant must be recovered safely.

When transferring refrigerant:

• Use only approved refrigerant recovery cylinders.
• Ensure a sufficient number of cylinders are available to hold the entire system charge.
• All cylinders must be designated and labeled for the refrigerant being recovered and equipped with functional pressure-relief and shut-off valves.
• Empty cylinders should be evacuated and, if possible, pre-cooled prior to recovery.

Recovery equipment shall:

• Be in good working order.
• Be suitable for the specific flammable refrigerant.
• Have operating instructions readily available.

A set of calibrated weighing scales must also be available. Hoses must be in good condition and equipped with leak-free disconnect couplings.

Recovered refrigerant must be sent back to the supplier in the proper cylinders, accompanied by the appropriate waste transfer documentation.

Refrigerants must not be mixed in recovery equipment or cylinders.

Before removing compressors or oils, ensure they have been evacuated to a safe level to prevent flammable refrigerant from remaining in the lubricant.

Do not apply heat from open flames or other ignition sources to speed this process. Oil removal shall always be performed safely.

Charging Procedures

In addition to standard charging practices, the following requirements apply:

• Prevent cross-contamination of refrigerants when using charging equipment. Hoses must be kept as short as possible to minimize refrigerant volume.
• Keep all cylinders upright during charging.
• Ensure the refrigeration system is properly earthed before charging.
• Apply appropriate labels once charging is complete (if not already applied).
• Take extreme care to avoid overcharging the system.

Before recharging, pressure-test the system using an appropriate purging gas. After charging and before commissioning, conduct a full leak test.

A final follow-up leak test must also be carried out before leaving the site.

Assembly (293118R)

COMPONENT PARTS

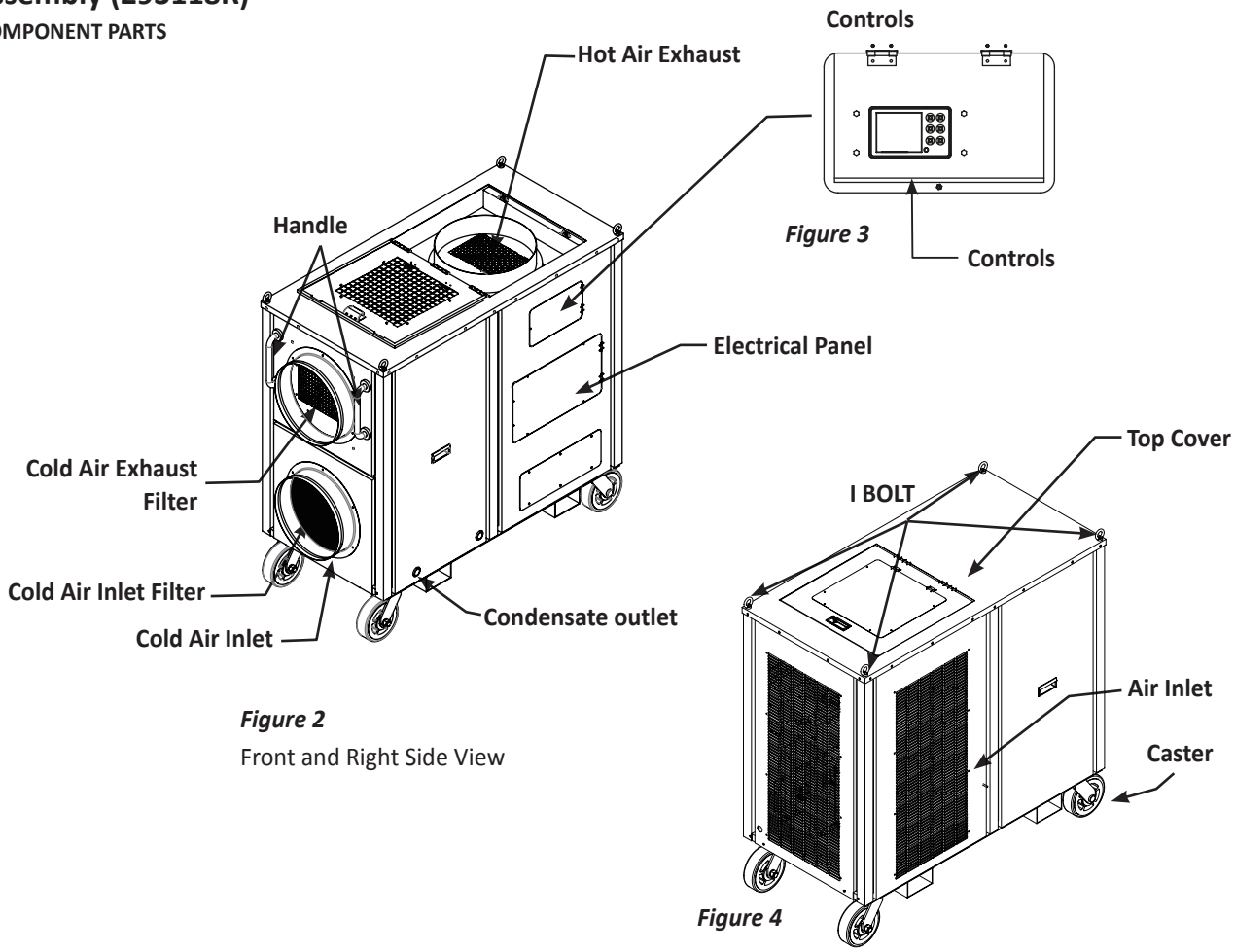
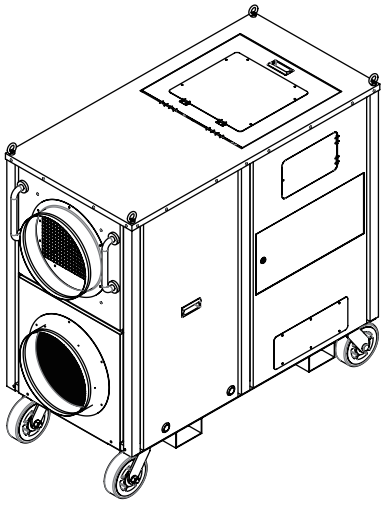


Figure 2
Front and Right Side View

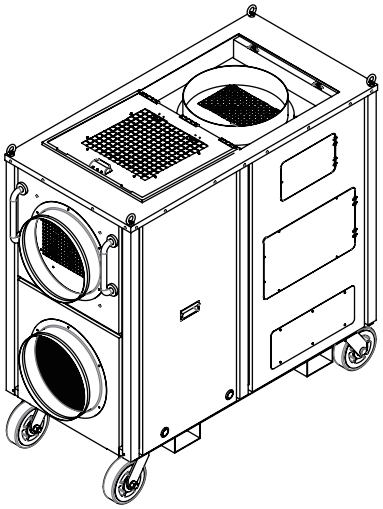
Figure 3

Figure 4



Not in operation

Figure 5



In operation

Figure 6

DUCT CONNECTIONS

Cool Air Duct (OUT) connection

The Cool Air Ducts (OUT) are labeled "AIR OUT". The diameter of the duct is 15.75".

Connect the flexible air duct as following

1. Attach a flexible duct to the duct collar. Use a clamp or any appropriate apparatus around the collar to prevent any air leakage.
2. Route the flexible duct as straight as possible to the desired space without any excessive turns and pinches.
3. Please avoid any objects or walls at the end of the duct.

Cool Air in Duct (IN)

The Return Air In duct connection is labeled "AIR IN".
The diameter of the duct is 15.75". Follow the same procedures as "Cool Air Duct (Out) connection". If you want to use the unit without any "AIR IN" duct, the unit will read the temperature of the surroundings.

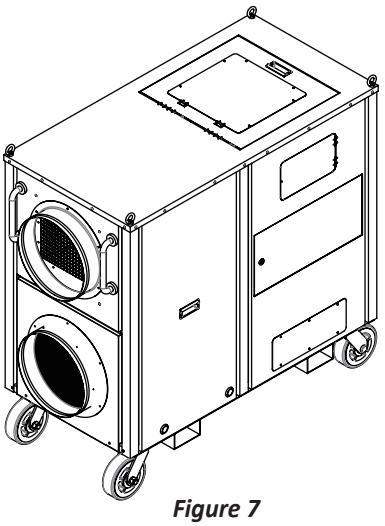


Figure 7

Hot Air Duct

The Hot Air Out duct connection is labeled "AIR OUT"
The diameter of the duct is 17.75" and maximum duct length is 98-ft. Follow the same procedures as the cool air duct connections.

Fork Lift

If a forklift is needed to move the unit, put the foot of the forklift to the forklift hole (shown in the picture: figure 8).

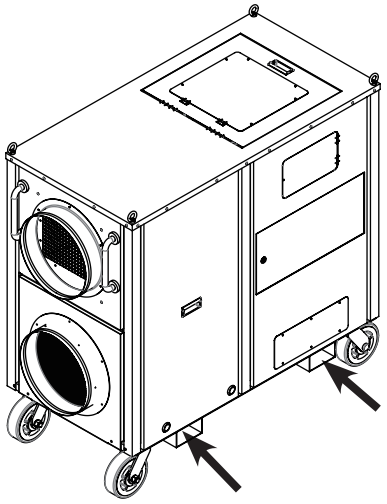
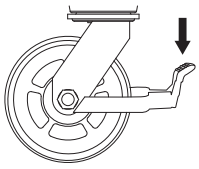


Figure 8



Casters can be locked by locking the break down

Figure 9

Installation

WARNINGS REGARDING PROPER LOCATION FOR INSTALLATION

⚠ WARNING ***Do not use the unit in explosive environments or in areas where flammable gas leakage may occur.***

⚠ WARNING ***Do not use the unit in areas where it will be exposed to rain or water.***

⚠ WARNING ***Do not use the unit in a corrosive atmosphere.***

⚠ WARNING ***Do not use the unit above 18°C(64°F) ~ 45°C(113°F).***

⚠ WARNING ***Do not install the unit on uneven or sloping surface. The unit may roll or topple over even if the casters are set to the locked position.***

Installation Instructions (Fixed Appliance Installation)

This appliance is classified as a fixed appliance.

- The unit must be installed on a level, rigid floor.
- Due to its weight, the appliance will remain stable under normal operation by its own mass.
- The appliance is equipped with lockable castors/stoppers, which must be engaged after positioning to prevent any movement.
- The appliance must be permanently connected to the power supply by qualified service personnel, in accordance with all national and local electrical codes.
- Do not use adhesives or adhesive-based methods to secure the appliance.

Connecting the Unit to Power

- Inspect the prongs and surface of the power cord plug for any dust or dirt. If present, clean with a dry, lint-free cloth.
- Examine the power cord, plug, and prongs for any signs of damage or deterioration.
- If any damage is suspected, do not plug in the unit. Contact a qualified technician for repair or replacement.

⚠ WARNING ***If the power cord or plug is damaged, repair should only be performed by qualified electrical personnel.***

⚠ WARNING ***Do not connect / disconnect the power cord or attempt to operate buttons with wet hands. This could result in electrical shock.***

NOTE: Make sure the AC outlet is free of dirt, dust, oil, water, or any other foreign material. The unit is equipped with an approved NEMA plug configuration. The appropriate outlet must be used for each plug type.

Operation

CONTROL PANEL

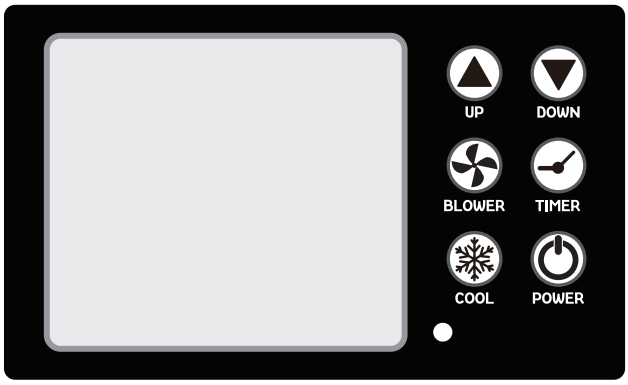


Figure 9

POWER	· Press the power button for 0.5 seconds to activate the product. · Press the power button for 0.5 seconds while driving to stop the product. · Self-diagnosis will be performed to test for abnormalities, after marking "VER" for 3 seconds when power is "ON". And the blowing is operated as "High", and the compressor is operated after 1 minute.  ← Example of "VER" sign when it's ON
TIMER UP ℃ ↔ ℉	· Press "Timer" and "UP" Button simultaneously to set Celsius or Fahrenheit. 
BLOWER **Blowing mode**	1) The compressor does not operate, but only the blowing fan operates. - LOW → HIGH → AUTO It consists of three modes and operates in circulation.  ← Example of blowing.

COOL
Cooling mode.

1) Cooling mode (SPOTCOOL Mode)
· The basic operation is based on "out" control. (discharge temperature TH1)
· On/off the operation of the compressor. (COOL ↔ BLOWER)
· The set temperature cannot be changed and it operates which is set to 0 degrees Celsius.
2) Cooling mode (ROOMCOOL Mode)
· Press "COOL" and "Blower" Button simultaneously to set the "Spotcool mode" and "Roomcool mode".
· Press "UP" or "Down" Button to set the target temperature



← Exmaple of Spotcool Mode



← Exmaple of Roomcool Mode

2) When blower is operating
· LOW → HIGH → AUTO It consists of three modes and operates in circulation.
· LOW, HIGH, AUTOIn "LCD", the middle wing of each mode rotate and operate.



← LOW Examples of moves.



← AUTO Examples of moves.

· AUTO MODE
- If the power source becomes "on" after "off", it operates as "auto" and then as "high" or "low" depending on the sensor value after 3 seconds.
- The difference between "current temp" and "target temp" operates as "high" when it is 8 degrees Celsius or higher, and "low" when it is 6 degrees Celsius or lower.

TIMER
Timer mode

1) Press "Time" button for 2 seconds to activate Time icon.
2) Press "Blower"button to operate time setting.
- Press "Cool" button to save after pressing "Down" button to set OFF or ON
ON -> Timer setting (when the unit is ready to operate)
OFF -> Timer setting (when the unit is operating)
3) Press "Blower" button to set the desired time.
The timer can be set maximum 720min (12Hour)
4) To cancel the timer, press "Time" and "UP" Button simultaneously, or set the time to "0"



← Example of displaying the remaining time (minutes) during "timer" operation during cooling.

BLOWER UP
LOCK MODE

1) It is a mode that prevents the operation of the rest of the buttons except for power.
- It can be operated and released by pressing for 2 seconds.



← Example of a set-up.



← Example of releasing it.

Maintenance

FILTER CLEANING

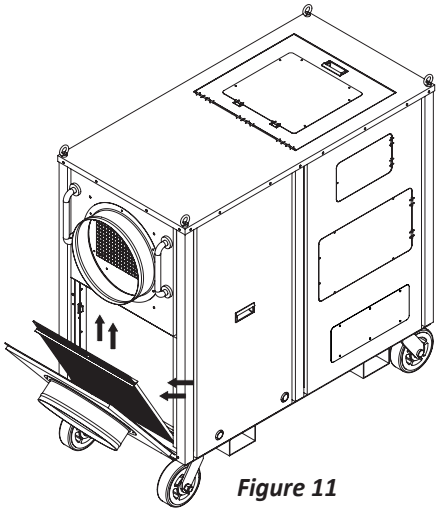


Figure 11

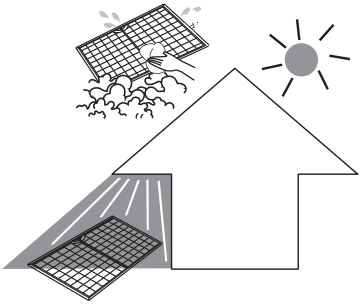


Figure 12

1. Chloride Filter

1. Loosen up 2 bolts on the front filter guard.
2. Slide filter up and use a vacuum cleaner to remove the dust from the filter. (Filter bracket is fixed with magnet.)
3. If the filter is heavily covered with dust and dirt, warm water and mild soap or neutral detergent may be used to wash the filter. Do not use any other chemicals to clean filter, as they will likely damage the filter.
4. Dry the filter in a shaded area before replacing it. Do not operate the unit without the filter installed and the filter guard in the closed position.
5. Replace the clean filter and close the filter guard.

NOTE: For effective cooling clean the filter at least every 2 weeks.

⚠ WARNING ***Do not operate without the filter fitted.***

⚠ WARNING ***Do not operate the unit with a damaged cord or plug, after the unit malfunctions, or if the unit has been dropped or damaged.***

– For your convenience, record the complete model number and product name (located on the Product Identification Plate), the purchase date, purchase location, serial number, and warranty period in the table below.
– Also, attach your purchase receipt as proof of purchase to this instruction manual for future reference.
– To ensure your product is covered by warranty, the complete faulty product along with your original purchase receipt must be provided at the place of purchase.

Wiring Diagram

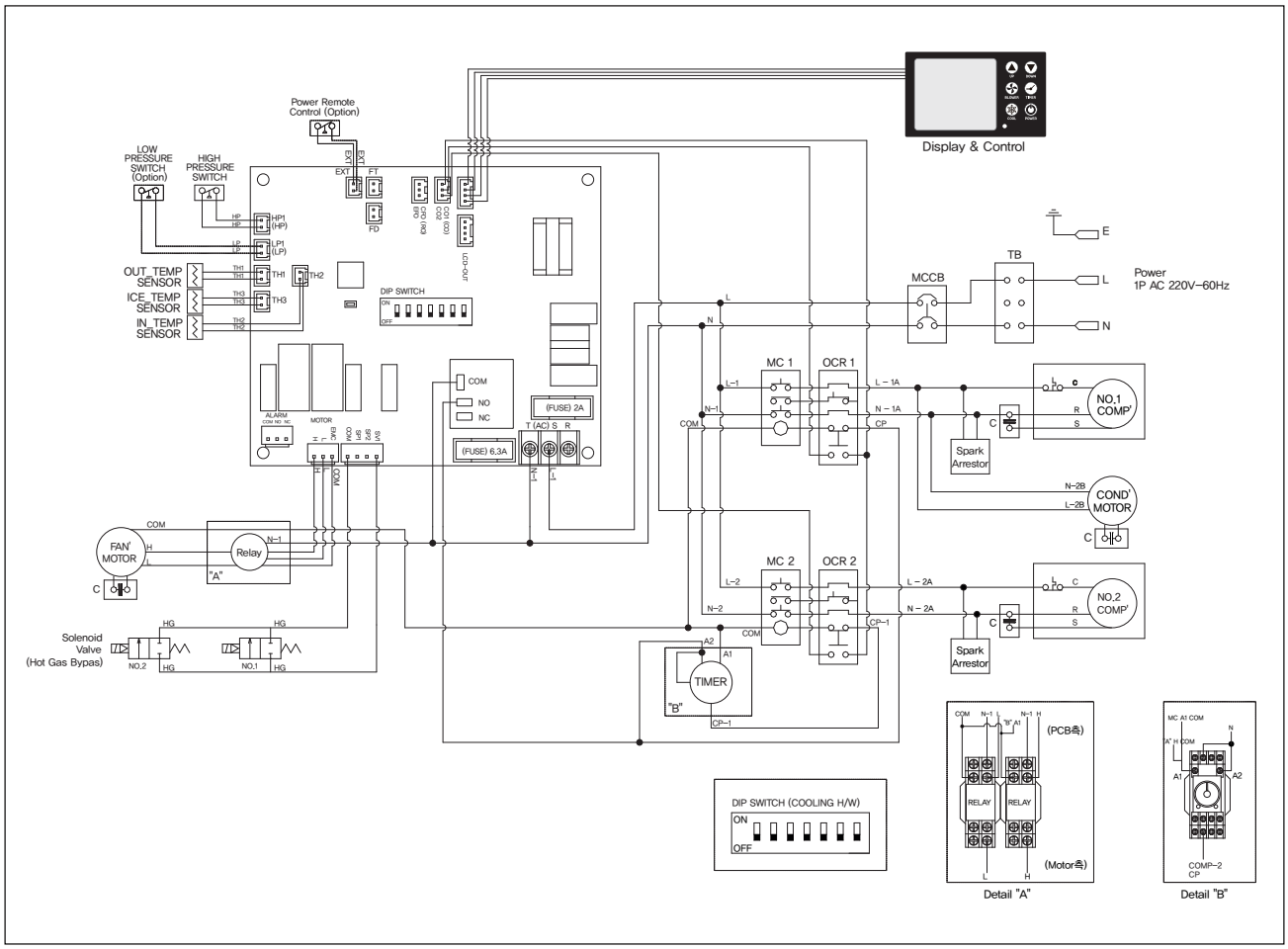


Figure 12 - Circuit Wiring Diagram

SELF-DIAGNOSTIC ALARM CODES			
Alarm Display	Problem	Cause	Corrective Action
	Compressor overloaded	• Ambient temperature is too high • Unstable voltage supply • Defective compressor	• Do not use the air conditioner if ambient temperature is higher than 113°F (45°C) • Contact a qualified service agent • Replace compressor
	Condensate water level alarm	Condensate tank is full	• Empty the water tank • After installation of the water tank, press the SPOT/COOL or ROOM/COOL button to resume operation
	Drain pump alarm	Drain pump defective or improper hose connection (including kink or blockage)	• Check the aconnection and hose • Replace drain pump
	Refrigerant high pressure switch	• Blocked air filter • Blocked / kinked exhaust duct • Ambient temperature is too high	• Clean air filter • Ensure exhaust duct is not blocked / kinked • Do not use the air conditioner if ambient temperature is higher than 113°F (45°C)
	Abnormal temperature sensor value	TH1(Outlet) temperature sensor has a loose or broken connection	Contact a qualified service agent
	Abnormal temperature sensor value	TH2(Inlet) temperature sensor has a loose or broken connection	Contact a qualified service agent
	Abnormal temperature sensor value	TH3 (Prevention of Freeze) Sensor open circuit or poor connection.	Contact a qualified service agent
	Frost prevention sensor and Abnormal temperature sensor value	• Indoor heat exchanger temperature too low • TH3 temperature sensor has a loose or broken connection	• Do not use the air conditioner if ambient temperature is lower than 64°F (18°C) • Contact a qualified service agent

Table 1- Alarm Codes

Troubleshooting chart

Symptom	Possible Cause(s)	Corrective Action
Water leakage	Position issue / Damage	1. Check the water tank is placed on the correct position / Replace the damaged water tank with a new one. Contact Global Industrial. 2. Remove any object that may be lodged under the drain pan beneath the water tank.
	Drain pump issue	1. Remove blockage from drain hose 2. Replace the defective drain pump with a new one. Contact Global Industrial.
The unit doesn't work	Check the power supply to verify that power is available to the unit	1. Reset the circuit breaker and restart the unit
	Verify that the power cord is connected	1. Connect power cord
	Trip off the circuit breaker	1. Electrical access panel in Reset the circuit breaker and restart the unit (Consult a local qualified electrician)
No cold air flows from the cold air outlet	Ambient air cannot be properly cooled if the filter is dirty and not regularly cleaned	1. Clean the filter

※ A defective unit must be repaired by a qualified company.

Troubleshooting chart

Symptom	Possible Cause(s)	Corrective Action
	Compressor will not work if the unit is turned off and on quickly.	1. Wait 3 minutes after unit is turned off before turning the unit back on. 2. Check the Cool Icon If the light is off, A/C will be activated after light is on.
No cold air flows from the cold air outlet	Refrigerant leaking	1. Charge the refrigerant
	The ambient air temperature may be too high	1. The temperature of the compressor can be higher when the ambient temperature is too high. The compressor will not work unless the ambient air temperature is within the acceptable operating range of the unit
Water flow can be heard after compressor shuts off	No cause	Common to hear coolant flowing after unit shuts off

※ A defective unit must be repaired by a qualified company.