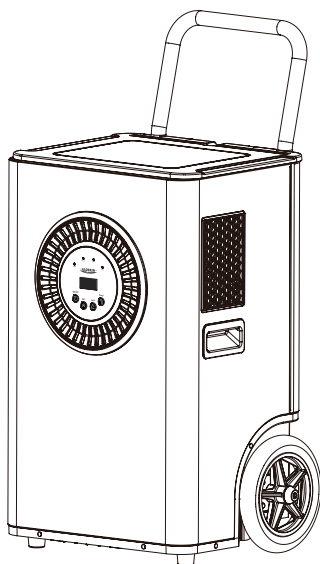




Sentinel Elite50X Sentinel Elite60X Sentinel Elite80X

Installation & Operations Manual



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Specifications subject to change without notice.

WARRANTY REGISTRATION

Congratulations on purchasing a new Sentinel Dehumidifier. Your new dehumidifier comes with an extensive warranty plan. To register, simply fill out and return the warranty form provided in the dehumidifier box.

Be sure to note your dehumidifier serial number as you will need it for registration.

SAFETY NOTES

- The Sentinel Series Dehumidifier must always be connected using a grounded electrical connection (as required for all electrical appliances). If non-grounded wiring is used, all liability reverts to owner and the warranty is voided.
- Sentinel Dehumidifiers should only be maintained and repaired by a qualified technician.
- Sentinel Dehumidifiers must be operated only while positioned upright and level on their feet. Using the unit in any other orientation may cause water to enter and damage electrical components.
- Always unplug dehumidifier before moving.
- If there is a chance that water flooded the dehumidifier, it should be opened and allowed to dry thoroughly before reconnecting to electrical power and restarting.
- To ensure proper operation, neither the inlet nor discharge should be positioned against a wall. The inlet requires a minimum of 6' clearance and the discharge requires a minimum of 6" clearance.
- For better use of the dehumidifier, both air inlet and air outlet should be facing the open area of the space.
- Do not insert your fingers or any object into the inlet or discharge.
- All work on the dehumidifier should be done with the unit "OFF" and unplugged.
- Do not use water to clean the exterior of the machine. To clean unit, unplug from power, then use a damp cloth to wipe exterior.
- Do not stand on the machine or use it as a device to hang clothes.

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IMPORTANT SAFETY INSTRUCTIONS

1. Always connect the dehumidifier to a properly grounded power source (required for all electrical appliances). Failure to use a grounded power source will void the warranty.
2. Your dehumidifier should only be repaired by qualified technicians.
3. If the dehumidifier has been exposed to potential flooding, ensure it is completely dry before reconnecting the power and restarting.
4. Do not insert objects or fingers into the air inlet or outlet.
5. Do not clean the exterior of the dehumidifier with water. To clean the unit, unplug it first, then wipe the exterior with a damp cloth.
6. Do not stand on the dehumidifier or place objects on top of it.
7. Do not use the dehumidifier with an extension cord or plug adapter.
8. Unless otherwise specified, all maintenance should be performed with the unit powered off.

IDENTIFICATION

Your dehumidifier comes with a Limited Warranty.

For future reference, please record your dehumidifier's model number, serial number, and purchase date. This information is necessary when seeking assistance and can be found on the data label located on the side of the unit.

Model: Sentinel Elite50X / Sentinel Elite60X / Sentinel Elite80X

Serial Number: _____ **Purchase Date:** _____

For any additional questions regarding your dehumidifier, you have the following options:

- Contact your installation contractor.
- Reach out to a local authorized installer or call customer support at (888) 990-7469.

ELECTRICAL REQUIREMENTS

Power Supply: 115 V, 60 Hz AC, Single Phase

Outlet Requirement: 3-Prong, GFCI

Circuit Protector: 15 Amps

WARNING: Exposure to 240V AC may result in severe electric shock or injury.

To reduce the risk of injury:

1. Disconnect power before servicing.
2. Plug the unit only into a grounded electrical circuit.
3. Do not use an extension cord.
4. Do not use a plug adapter.

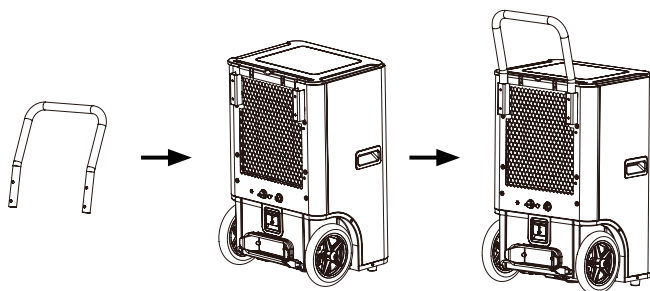
HOW THE DEHUMIDIFIER WORKS

The dehumidifier is equipped with an integrated humidity sensor that continuously monitors the surrounding environment. When the relative humidity exceeds the selected set point, the unit activates.

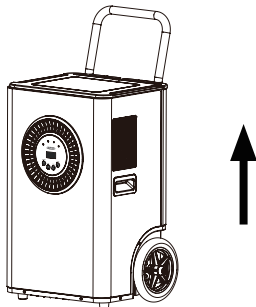
The dehumidifier draws in air and passes it over an evaporator coil, which is cooler than the air's dew point temperature. This causes moisture in the air to condense into water droplets. The dehumidified air is then reheated as it flows through the condenser coil before being released back into the room.

INSTALLATION GUIDELINES

1. The dehumidifier should be placed in an enclosed area to maximize humidity control.
2. To ensure proper airflow, avoid placing the unit's air inlet and outlet too close to walls. Maintain at least 6 inches (15 cm) of clearance around both the air inlet and outlet.
3. For optimal performance, place the dehumidifier in the center of the room.
4. The dehumidifier is designed for upright operation near the floor. Ensure the unit remains in this position for normal operation.
5. Plug the dehumidifier into a 15-amp grounded circuit.
6. Handle installation:
 - After unpacking, first remove the round handle and then take off the outer packaging.
 - Attach the handle to the rear air intake panel of the dehumidifier using the provided screws.
 - Ensure the handle is securely installed before operation.



7. Before first use:
 - After unpacking, allow the dehumidifier to sit upright for at least 24 hours before plugging it in.
 - The unit may have been tilted or placed upside down during shipping. Allowing it to rest stabilizes the compressor oil, preventing damage.
 - Failure to follow this step may affect performance and lifespan.



CONTROL PANEL OVERVIEW



Indicator Light Description

1. Power Light Power

When the dehumidifier is ON, this light turns GREEN.

- When the dehumidifier is running, the light remains steadily lit.
- When the dehumidifier reaches the set humidity level, enters defrost mode, or displays an error code, the light will blink.
- When the dehumidifier is turned OFF, the light will turn OFF.

2. Pump Light Pump

This light serves as the indicator for **Pump mode** and is GREEN.

- When the dehumidifier enters **Pump mode**, this indicator light will remain steadily lit. Otherwise, it will be OFF. Please follow the drain instructions on page 8 for proper setup.

3. GPP Light GPP

This light is the **GPP mode** indicator for the dehumidifier and is GREEN.

- When the dehumidifier enters **GPP mode**, this light will turn ON; otherwise, it will remain OFF.

4. CO Light Cont.

This light is the continuous operation (**CO**) indicator for the dehumidifier and is GREEN.

- When the dehumidifier enters continuous dehumidification mode, this light will turn ON. When exiting this mode, the light will turn OFF.

Button Descriptions

1. Power Button

ON/OFF



This button is used to turn the dehumidifier ON/OFF. Each press will switch the dehumidifier between ON and OFF states.

2. SET Buttons

SET



This button is used to adjust the humidity set point or moisture content set point.

3. GPP Button

GPP



This button allows you to switch the dehumidifier's operating mode (%RH or GPP). Press to activate or deactivate this function.

4. Pump Button

Pump



This button is used to switch the **Pump mode** (press and hold for 3 seconds to toggle).

- In gravity drainage mode, a short press of this button will have no effect.
- In pump drainage mode, a short press will activate the pump to drain water.

Combination Buttons

1. GPP Button + Pump Button



+



Press and hold both buttons simultaneously for 3 seconds, and the digital display will show the coil temperature value.

2. SET Button + Pump Button



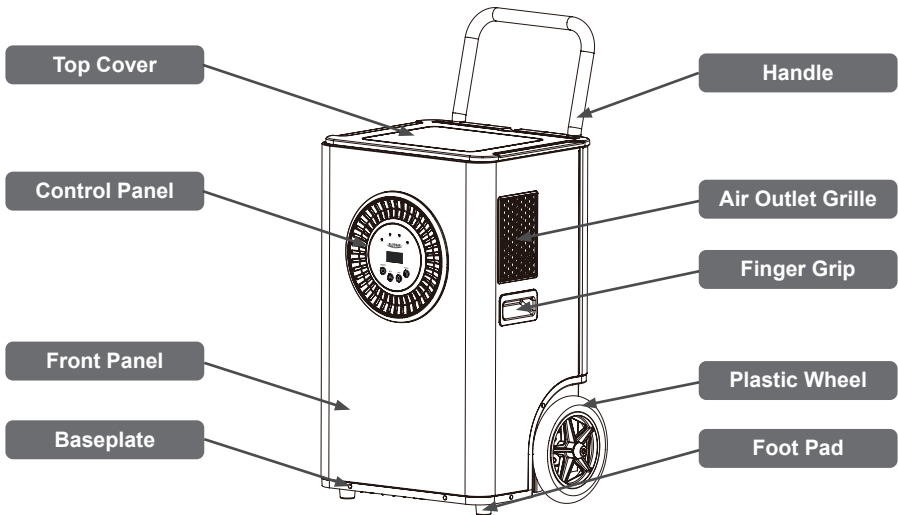
+



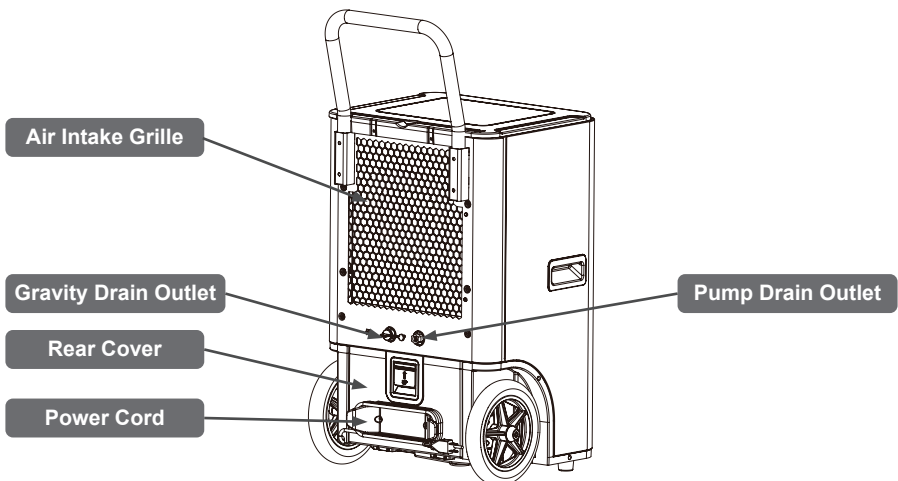
Press and hold both buttons simultaneously for 3 seconds, and the digital display will show the temperature of the humidity sensor.

OPERATING INSTRUCTIONS

Front View



Back View



Upon initial power-up, the dehumidifier defaults to %RH mode with a humidity set point of 50.

The digital display defaults to showing the real-time detected humidity value. After pressing the **“SET Button”** to adjust the desired humidity set point, if no further action is taken within 3 seconds, the display will revert to showing the real-time detected humidity value.

To view the set humidity, press the **“SET Button”**. The display will then flash the last set value. If the **“SET Button”** is pressed again within 3 seconds, the set value can be readjusted. Once adjusted, if no further action is taken within 3 seconds, the machine will accept the new set value.

1. %RH Mode

While the unit is powered ON, press the **“SET Button”** to enter the adjustment state. The digital display will flash, showing the set humidity value. Each press of the **“SET Button”** will increase the set value by one, cycling through 35% → 36% → 37% ... 90% → CO → 35% ... and so on. Press and hold the **“SET Button”** to quickly adjust the set value.

2. GPP Mode

While the unit is powered ON, press the **“GPP Button”** to activate **GPP mode**. The digital display will switch from a 2-digit to a 3-digit display. To deactivate **GPP mode**, perform the same operation, and the display will revert from a 3-digit to a 2-digit display. While in GPP mode, the machine operates based on the set moisture content value.

After activating **GPP mode**, press the **“SET Button”** to enter the adjustment state. The digital display will flash, showing the set GPP value. Each press of the **“SET Button”** will increase the set value by 5, cycling through 25 → 30 ... 200 → CO → 25 ... and so on. Press and hold the **“SET Button”** to quickly adjust the set value.

3. Continuous Dehumidification Mode

In %RH (or GPP) mode, press the **“SET Button”** to enter the adjustment state. Adjust the set value to **CO**. If no further action is taken within 3 seconds, the dehumidifier will enter continuous dehumidification mode. The **“CO”** light will turn on, and the digital display will show the real-time detected humidity value.

To exit continuous dehumidification mode, press the **“SET Button”** and adjust the humidity to the desired set point. After 3 seconds, the dehumidifier will automatically exit this mode, and the **“CO”** light will turn OFF. In this setting, the dehumidifier will run nonstop, regardless of any changes in room humidity.

4. Power-Off Memory Function

When the unit is unexpectedly powered OFF and then reconnected to power, it will automatically resume operation in the mode and state prior to the power outage. However, due to the compressor's 3-minute protection feature, it will start running only after 3 minutes. The brief transition period between the fan starting and stopping is normal.

The memory function retains the following settings: set humidity, set moisture content, continuous mode, and pump mode.

5. Drainage Function

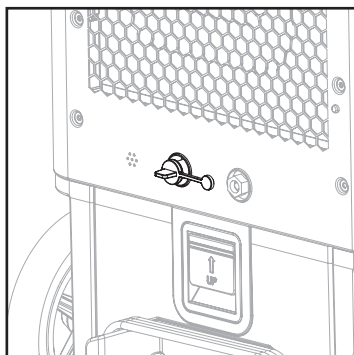
• Pump Drainage

When using pump drainage:

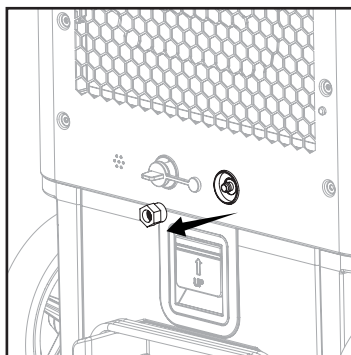
- 1) Ensure the gravity drainage outlet is sealed with the water plug.
- 2) Unscrew the nut from the pump drainage outlet, thread the hose through the nut, insert the hose into the pump drainage outlet, and then tighten the nut.
- 3) Press and hold the “**Pump Button**” for 3 seconds. The dehumidifier will beep once, and the pump mode indicator light will turn on, activating the pump drainage function.
- 4) In pump mode, pressing the “**Pump Button**” will initiate a 28-second drainage cycle.

Note:

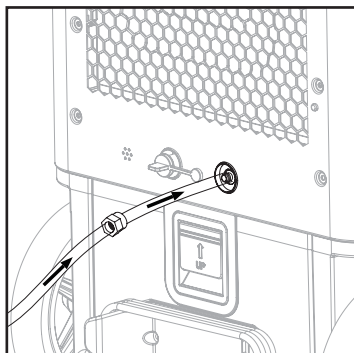
- 1) If an **E4 alarm** occurs, check if the pump drainage hose is clogged or bent.
- 2) Clear any blockages in the hose to ensure proper water flow. Once the **E4 alarm** is resolved, the machine will resume normal operation.



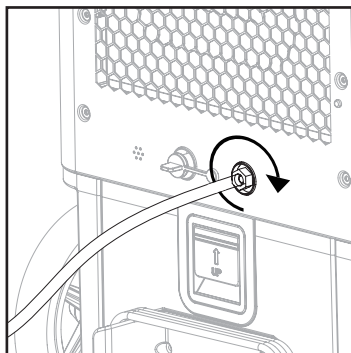
STEP 1



STEP 2



STEP 3



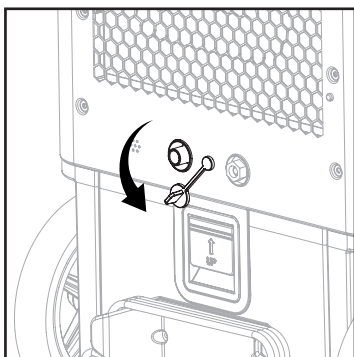
STEP 4

- **Gravity Drainage**

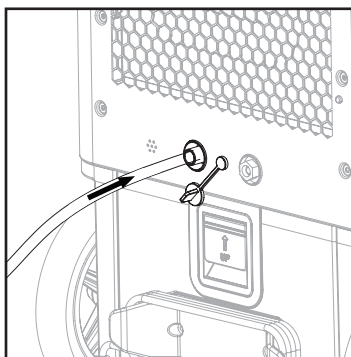
When using gravity drainage:

- 1) First, remove the water plug from the gravity drainage outlet.
- 2) Insert the gravity drainage hose, ensure it is securely attached, and then turn ON the dehumidifier. Make sure the end of the hose is not positioned higher than the gravity drainage outlet.

If the unit stops running and the power light blinks slowly with an E4 error on the display, check the hose for clogs, kinks, or bends. Remove any obstructions to ensure the drainage path is clear. Then, switch the water pump mode to drain the accumulated water, and switch it back to gravity drainage mode. After that, the error will reset, and the unit will resume normal operation.



STEP 1



STEP 2

MAINTENANCE

WARNING: Be sure to unplug the power before performing any maintenance.

1. Cleaning the Machine Body:

Use a soft, damp cloth to clean the exterior of the machine. Do not use harsh or chemical cleaning agents.

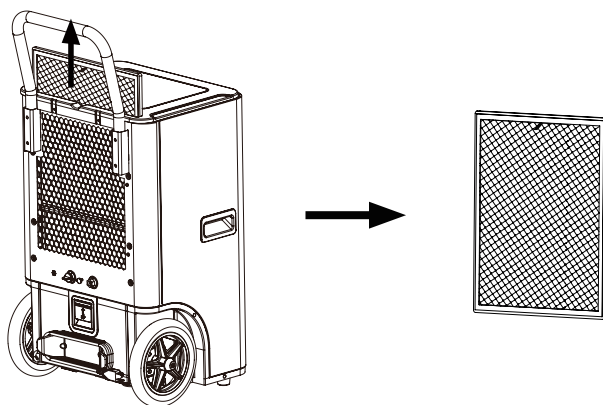
2. Coil Maintenance:

Clean the coils once a year using an approved coil cleaner.

The coil cleaner should be a self-rinsing, foaming detergent, such as WEB® Coil Cleaner.

3. Replacing the Filter:

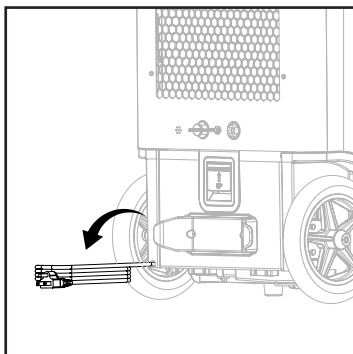
- 1) Remove the filter from the filter slot at the top of the dehumidifier.
- 2) Replace it with a new filter.



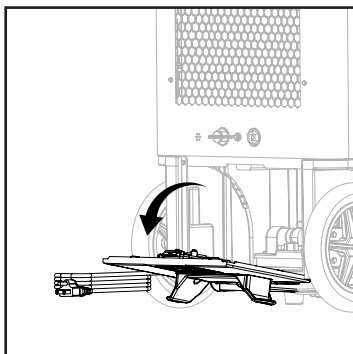
4. Inspecting the Water Pump

1. First, remove the power cord from the cord wrap on the back of the dehumidifier.
2. Gently pull outward on the rear panel handle to open the rear panel.
3. Use a Phillips screwdriver to remove the screws on both sides of the water pump's mounting bracket, then disconnect the pump's wiring and drainage hose.
4. Take out the water pump for inspection.
5. After completing the inspection, reinstall and secure the water pump, reconnect the wiring and drainage hose, close the rear panel, and the machine will be ready for operation.

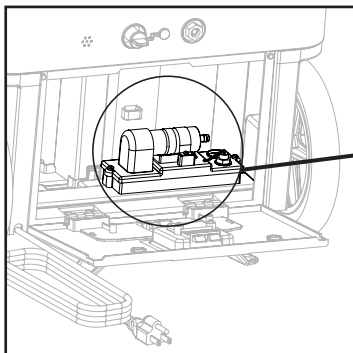
(Refer to the next page for visual guidance.)



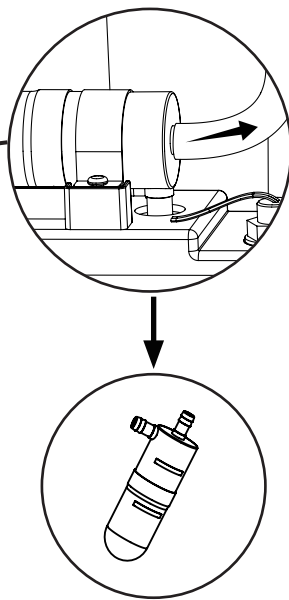
STEP 1



STEP 2



STEP 3



4. Dehumidifier Storage

If the device will be stored for an extended period, complete the following steps:

1. Turn OFF the machine and allow it to dry.
2. Neatly wrap the power cord and store the drainage hose.
3. Place it in a clean, dry location.

ERROR CODES

Error Codes	Issues	How to Solve
LO	When the ambient temperature is $\leq 2^{\circ}\text{C}$ (35.6°F).	Automatically recovers when the ambient temperature exceeds 2°C (35.6°F).
HI	When the ambient temperature is $\geq 39^{\circ}\text{C}$ (102.2°F).	Automatically recovers when the ambient temperature drops below 39°C (102.2°F).
E1	Humidity sensor malfunction.	Replace with a new humidity sensor.
E3	Defrosting malfunction.	Check for any system leaks or signs of freezing.
E4	Drainage malfunction	Check if the drainage outlet is blocked. Check if the water level switch is stuck.

LIMITED WARRANTY

This limited warranty starts from the date of purchase. AlorAir Solutions, Inc. Warrants to the original purchaser that this AlorAir product is free from manufacturing defects in material or workmanship for the limited warranty period of:

Six (6)-month parts and labor. This includes the shipment charges for replacement parts or unit.

One (1)-year parts and labor. This does not include the shipment charge to send the defective product back to be repaired or replaced.

Three (3)-year parts and labor on Refrigeration System ONLY (Compressor, Condenser, and evaporator). Transportation cost, not included.

Five (5)-year parts on Refrigeration System ONLY (Compressor, Condenser, and evaporator). Transportation cost, not included.

This limited warranty is valid only on products purchased from the manufacturer or an AlorAir authorized dealer and operated, installed, and maintained according to the instructions included in this user guide or furnished with the product. AlorAir Solutions, Inc. will not provide in-home service during or after the warranty period. You may be responsible for the shipping charge to bring the product to the manufacturer for service.

To receive warranty service, the purchaser must contact AlorAir Customer Support at (888) 990-7469 or support@alorair.com. A proof of purchase or order number is required to receive warranty service. During the applicable warranty period, a product will be repaired or replaced at the sole discretion of AlorAir.

IMPORTANT NOTICE: Keep the original product packaging in case warranty service is required. In the event that the product is sent for repair without explicit guidance from our customer service team, AlorAir shall not assume responsibility for any associated repair costs.

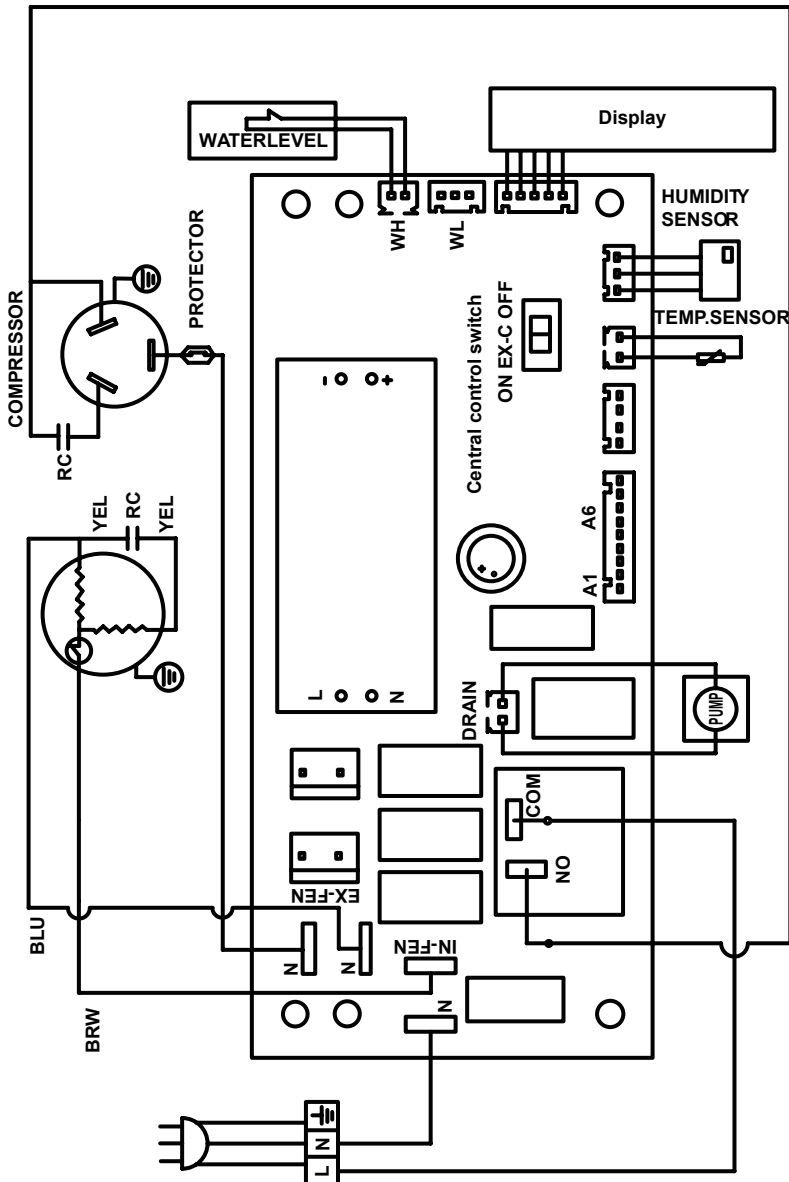
LIMITED WARRANTY EXCLUSIONS

This limited warranty covers manufacturing defects in materials or workmanship encountered in normal household, commercial or non-commercial use of this product and shall not cover the following:

- Damage occurs in uses for which this product was not intended for.
- Damage caused by unauthorized modification or alteration of the product.
- Cosmetic damage including scratches, dents, chips, and other damage to the product's finishes.
- Damage caused by abuse, misuse, pest infestation, accident, fire, floods, or other acts of nature.
- Damage caused by incorrect electrical line current, voltage, fluctuations, and surges.
- Damage caused by failure to perform proper maintenance of the product.

The use of this product in SPA or a room with OUTDOOR POOL invalidates or voids limited warranty.

WIRING DIAGRAM



SAFETY WARNING

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.

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

The installation of the appliance and the refrigerant unit must only be made by the manufacturer's service personnel or suitably qualified person.

The unit must be installed by qualified personnel with a capability certificated for handling R32 refrigerant. Refer to regulation and laws in use on installation location.

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 may not contain an odour.

Qualification of Workers

Every working procedure that affects safety means shall only be carried out by competent persons.

Examples for such working procedures are:

- breaking into the refrigerating circuit;
- opening of sealed components;
- opening of ventilated enclosures.

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.

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.

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.

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 toxic or flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

Presence of Fire Extinguisher

If any hot work is to be conducted on the refrigerating 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.

No Ignition Sources

No person carrying out work in relation to a REFRIGERATING SYSTEM which involves exposing any pipe work 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 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.

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 preferably expel it externally into the atmosphere.

Checks to The Refrigerating 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 actual REFRIGERANT CHARGE 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;
- refrigerating 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.

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 immediately 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 no live electrical components and wiring are exposed while charging, recovering or purging the system;
- that there is continuity of earth bonding.

Repairs to Sealed Components

Sealed electrical components shall be replaced.

Repair to Intrinsically Safe Components

Intrinsically safe components must be replaced.

Cabling

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

Detection of Flammable Refrigerants

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

The following leak detection methods are deemed acceptable for all refrigerant systems. Electronic leak detectors may be used to detect refrigerant leaks but, in the case of FLAMMABLE REFRIGERANTS, the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed, and the appropriate percentage of gas (25 % maximum) is confirmed.

Leak detection fluids are also suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work.

If a leak is suspected, all naked flames shall be removed/extinguished.

If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Removal of refrigerant shall be according to Removal and evacuation.

Removal and Evacuation

When breaking into the refrigerant circuit to make repairs – or for any other purpose – conventional procedures shall be used. However, for flammable refrigerants it is important that best practice be followed, since flammability is a consideration. The following procedure shall

be adhered to:

- safely remove refrigerant following local and national regulations;
- evacuate;
- purge the circuit with inert gas (optional for A2L);
- evacuate (optional for A2L);
- continuously flush or purge with inert gas when using flame to open circuit; and
- open the circuit.

The refrigerant charge shall be recovered into the correct recovery cylinders if venting is not allowed by local and national codes. For appliances containing flammable refrigerants, the system shall be purged with oxygen-free nitrogen to render the appliance safe for flammable refrigerants. This process might need to be repeated several times. Compressed air or oxygen shall not be used for purging refrigerant systems.

For appliances containing flammable refrigerants, refrigerants purging shall be achieved by breaking the vacuum in the system with oxygen-free nitrogen and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum (optional for A2L). This process shall be repeated until no refrigerant is within the system (optional for A2L). When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.

The outlet for the vacuum pump shall not be close to any potential ignition sources, and ventilation shall be available.

Charging Procedures

In addition to conventional charging procedures, the following requirements shall be followed.

- Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.
- Cylinders shall be kept in an appropriate position according to the instructions.
- Ensure that the REFRIGERATING SYSTEM is earthed prior to charging the system with refrigerant.
- Label the system when charging is complete (if not already).
- Extreme care shall be taken not to overfill the REFRIGERATING SYSTEM.
- Prior to recharging the system, it shall be pressure-tested with the appropriate purging gas. The system shall be leak-tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of recovered refrigerant. It is essential that electrical power is available before the task is commenced.

- a) Become familiar with the equipment and its operation.
- b) Isolate system electrically.
- c) Before attempting the procedure, ensure that:

- mechanical handling equipment is available, if required, for handling refrigerant cylinders;
- all personal protective equipment is available and being used correctly;
- the recovery process is supervised at all times by a competent person;
- recovery equipment and cylinders conform to the appropriate standards.

d) Pump down refrigerant system, if possible.

e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.

f) Make sure that cylinder is situated on the scales before recovery takes place.

g) Start the recovery machine and operate in accordance with instructions.

h) Do not overfill cylinders (no more than 80 % volume liquid charge).

i) Do not exceed the maximum working pressure of the cylinder, even temporarily.

j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.

k) Recovered refrigerant shall not be charged into another REFRIGERATING SYSTEM unless it has been cleaned and checked.

Labelling

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. For appliances containing FLAMMABLE REFRIGERANTS, ensure that there are labels on the equipment stating the equipment contains FLAMMABLE REFRIGERANT.

Recovery

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure-relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of the flammable refrigerant. If in doubt, the manufacturer should be consulted. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition.

The recovered refrigerant shall be processed according to local legislation in the correct recovery cylinder, and the relevant waste transfer note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.

If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The compressor body shall not be heated by an open flame or other ignition sources to accelerate this process. When oil is drained from a system, it shall be carried out safely.



WARRANTY REGISTRATION CARD

Return To:
AlorAir Solutions, Inc.

ORDER NUMBER: _____

MODEL: _____ SERIAL #: _____

INSTALLER: _____ INSTALLATION DATE: _____

NAME: _____

ADDRESS: _____

CITY: S _____ TATE: Z _____ IP: _____

PHONE #: _____ EMAIL: _____



- ▶ If you have any questions, please feel free to contact us at 888-990-7469 or visit www.alorair.com
- ▶ Register your unit for warranty using this link: www.alorair.com/page/Warranty---Warranty-registration
- ▶ Warranty Registration <https://www.alorair.com> or scan this QR code to direct you to the warranty registration website.



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