WatchDog 600c



Installation and Operation Manual

Read These Instructions Carefully Before Proceeding

www.SeairaGlobal.com

Safety Notes

WARNING- Dehumidifier is filled with flammable gas: R-32.

WARNING-Risk Of Fire. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing.

AVERTISSEMENT-Risque d'incendie. Inflammable Réfrigérant utilisé. A reparer uniquement Par un personnel de service qualifié. Ne pas Tube deréfrigérant perforant.

WARNING-Risk Of Fire. Dispose Of Properly In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used.

AVERTISSEMENT-Risque d'incendie. Se débarrasser Correctement conforme à la loi fédérale ou Réglementations locales. Inflammable Refrigérant utilisé.



Caution, risk of fire
Attention, risque d’incendie

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.

Table Of Contents

	Page #
Safety Instructions	**8**
Warranty Registration	**8**
How the Dehumidifier Works	**9**
Dehumidifier Specs	**9**
Spare Parts	**9**
Installation Requirements	**10**
Installation	**10**
Auxiliary Terminals	**11**
Using the Dehumidifier Display	**12**
Indicator Lights on the Display	**13**
Remote Control Setup	**14**
How to Use a Remote Control	**14**
Unit Diagram	**15**
Maintenance	**16**
Troubleshooting	**18**
Warranty	**19**

Safety Instructions

Read these instructions carefully and completely before continuing with the installation.

Warning

- Install dehumidifier according to all applicable local, state and national codes.
- Connect your dehumidifier to a grounded, dedicated electrical connection that is GFCI protected with 15 amp capacity. Do not use an extension cord or plug adapter.
    - The use of any other type of electrical connection will void the warranty.
    - Be sure to follow your GFCI manufacturer's maintenance instructions.
- Unless otherwise noted, all maintenance should be done with the unit powered off.

Caution

- Do not insert objects or your fingers into the inlet or discharge of the dehumidifier.
- Do not use water to clean the exterior of the unit. To clean the unit, unplug the dehumidifier and then use a damp cloth to wipe the exterior.
- Your dehumidifier should only be serviced or repaired by a qualified technician.
- Do not stand on the dehumidifier or place objects on it.
- This unit is not designed for swimming pool applications.
- If installing in an attic, place the unit in a drain pan per local building codes.

Warranty Registration

Your dehumidifier comes with an extensive warranty. To register your unit, simply fill out and return the warranty form provided in the box, or visit our website.

For future reference, write down the model, serial number and date of purchase. This information is necessary for seeking assistance in the future and can be found on the data label on the side of the unit.

Model Number: **Date Of Purchase:**

Serial Number:

How the Dehumidifier Works

The Watchdog Dehumidifier is a crawl space dehumidifier that can be used in a variety of ways to control the humidity level in your entire home. In the simplest terms, when the humidity level exceeds the setpoint of the humidity controller, the dehumidifier will energize. The internal fan and compressor will turn on, forcing air to be drawn across the evaporator coil, which is cooler than the dewpoint of the air, allowing the coil to remove water from the air and exit via the drain. The air is then reheated as it flows across the condenser coil and distributed back into the conditioned space.

Dehumidifier Specs

Model	600c
Capacity (80°F / 60%)	60 ppd
Capacity (65°F / 60%)	35.1 ppd
Power Supply	115V/60 Hz
Operating Temp.	36°F - 102°F
Airflow @ 0.0”	196 CFM
Airflow @ 0.2”	156 CFM
Airflow @ 0.4”	102 CFM

Spare Parts

All Models	
W-100	Wired Remote Control Assembly
X-101	Remote Monitor System
W-112	WatchDog Hanging Kit
X-102	External Pump
WatchDog 600c	
N-200	Prefilter
N-201	MERV-10 Filter
N-202	HEPA Filter
N-203	Carbon FIlter
N-103	Small Duct Kit

Installation Requirements

- The area where the dehumidifier is located should be sealed with a vapor barrier.
- If the unit is installed in a crawlspace, all vents should be sealed.
- For proper ventilation, neither the inlet or the discharge should be positioned against a wall. The inlet needs a minimum of 12” clearance and the discharge requires a minimum of 36” clearance.
- For the best air diffusion, install the unit so that a side panel faces the wall.
- WatchDog Dehumidifiers are only intended for operation when the unit is upright and level with the feet on the ground (unless using a WatchDog Hanging Kit).

Installation

1. Unit Placement

- Place dehumidifier on a level surface.
- *Important: If the unit has been turned or flipped so that the compressor did not remain upright, place on a level surface and wait a minimum of 2 hours before proceeding*
- Do not place the unit directly on a vapor barrier.

2. Drain Installation

- Remove the compression nut and slide it over the end of the hose to be attached to the unit.
- Slide the side of the hose with a compression nut over the insert on the compression fitting.
- Secure the compression nut. **Be sure not to over-tighten**

3. Electrical Power

Plug the dehumidifier into a dedicated 15 amp, GFCI protected outlet.

Auxiliary Terminals

The terminal strip on the dehumidifier allows you to connect external safety switches or condensate pumps. Choose the correct terminals based on your accessory's specifications.

1. **Terminals A5/A6 (Normally Open):** These terminals serve as a safety switch for external accessories with Normally Open contacts.

   Troubleshooting (E4) Error Code:

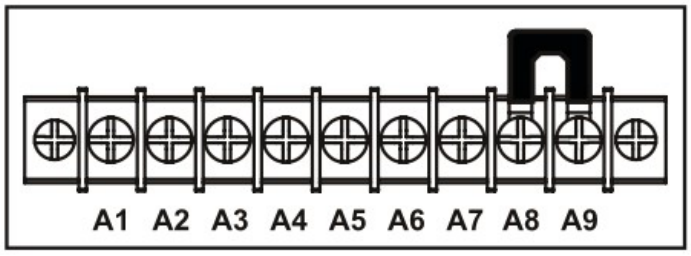
   - If an E4 error occurs immediately, remove the wires from the terminal strip and unplug the unit.
   - Plug the dehumidifier back in with nothing attached. If the E4 error persists, contact Seaira Global.
   - If the error clears, verify that your external device is intended to be **Normally Open**. You may need to use the "Normally Closed" terminals.

2. **Terminals A8/A9 (Normally Closed):** These terminals serve as a safety switch for external accessories with Normally Closed contacts.

   Important: You must remove the factory-installed jumper between terminals A8 and A9 before connecting your accessory.

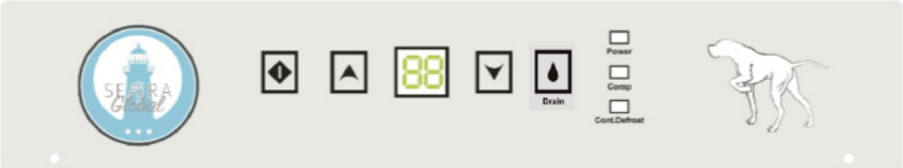
   Troubleshooting (E4) Error Code:

   - If an E4 error occurs immediately, disconnect the accessory wires, unplug the unit, and replace the factory jumper.
   - Plug the dehumidifier back in with the jumper installed. If the E4 error persists, contact Seaira Global.
   - If the error clears with the jumper replaced, verify that your external device is intended to be **Normally Closed.**



Using the Dehumidifier Display

Note: If connected to a HVAC system, display functions on the dehumidifier will not work.



Power Key

a. Use this button to turn the dehumidifier on and off.
b. Press once to turn the machine on. You will hear two beeps and the Power light will illuminate green (solid or flashing depending on mode).
c. Press the power button a second time and you will hear one beep as the machine shuts down. Note that there is a 1 minute fan delay.

2. Arrow Buttons

a. Use the up and down arrows to set the desired humidity setpoint on the display screen. 88
b. The setpoint can be any number between 36% - 90%. When the indoor humidity is higher than the setpoint, the unit will operate.
c. Keep in mind that the displayed humidity levels are approximate (+/- 5%).

3. Continuous Mode

a. To set the unit to run continuously, regardless of humidity, simply use the down arrow to set the humidity below 36%.
b. The continuous light will illuminate green and the display will show “CO”.
c. To switch back to normal humidistat operation, use the arrow keys to move the setpoint above 36%.

4. Manual Drain Button

a. If you need to store or move your dehumidifier, press the “Drain” button to remove water from the pump’s reservoir.

5. Pump Error

a. If the pump reservoir gets too high, the water sensor will activate to prevent overflow.
b. When this occurs, the compressor will stop automatically, and the display will show “E4”. After a 1 minute delay, the fan motor will turn off and the dehumidifier will not operate until the problem has been resolved.
c. Check to verify that the pump is operational by pressing the drain button.
d. To reset, unplug the unit for 2 minutes.

Indicator Lights on the Display

1. Humidity Display Screen 

a. The display screen has two functions:

i. When the unit is powered on, it shows the humidity of the space.

ii. When setting the desired humidity level, the screen will show the set point. After a brief delay, it will revert to the current humidity of the space.

2. Power Indicator Light 

a. This light indicates that the unit is properly powered on and ready to operate.

b. Always make sure the unit is “off” prior to performing any service, unless otherwise indicated.

c. If the humidity is above the setpoint, the light will be solid green and the machine will operate.

d. If the humidity is below the setpoint, the unit will be in standby mode and the light will be flashing.

3. Continuous Mode / Auto Defrost Light 

a. When the light illuminates green, it indicates that the dehumidifier is set to continuous operation mode.

b. When the light illuminates red, it means the unit is in auto defrost mode and clearing the evaporator coils of any ice buildup.

4. Compressor Light 

a. When the light illuminates red, it indicates the compressor has been initiated but is currently warming up.

b. Once the light switches to green, it means the compressor is currently in working status

Remote Control Setup

WatchDog Dehumidifiers can be controlled using an optional remote control accessory (W-100). The remote connects to the CAT 5 port on the dehumidifier, which is located next to the terminal strip. This is useful if:

1. You install the dehumidifier in one room with the conditioned air ducted into a second room that contains the remote.
    a. For this set-up, select the ducted option using the “M” (mode) button on the remote.
2. You install the dehumidifier in a crawlspace or basement, and would like to control the dehumidifier from a different room.
    a. For this set-up, select the dehumidifier sensor option using the “M” (mode) button on the remote.

How to Use a Remote Control

1. On / Off Power Button

Press the on/off button and the machine will start running. Press the button again to turn the machine off.

2. Up / Down Arrows

Use the Up and Down arrow buttons to adjust the humidity level.

3. Mode Button

Use the Mode button to switch between dehumidification and a ducted application.

4. Temperature Button

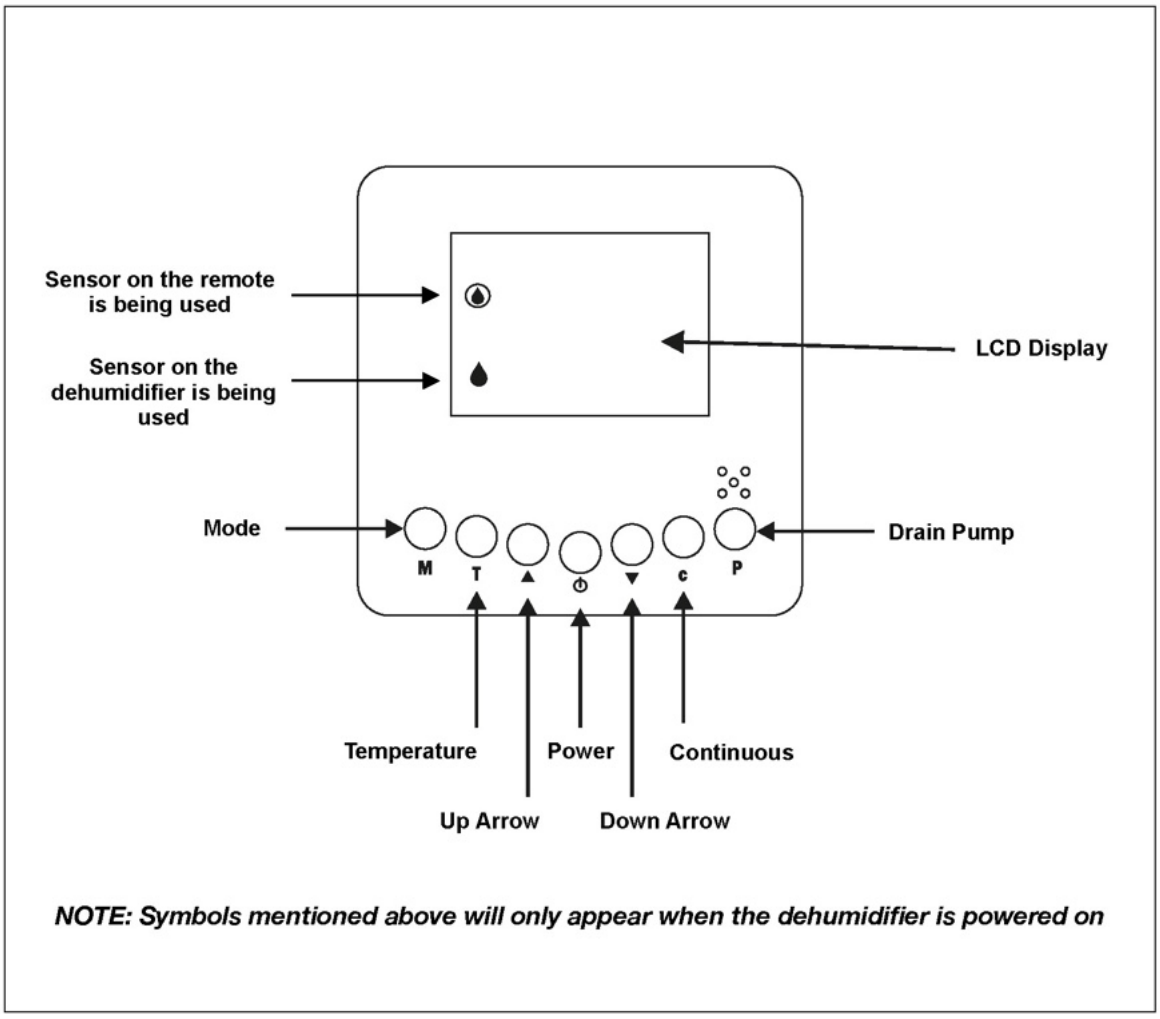
The T button changes the temperature reading on your remote. The remote comes from the factory in Celsius. Press this button once and it will switch to Fahrenheit.

5. Continuous Button

Press this button to switch the unit into continuous mode. “Cont” will appear on the display to indicate continuous mode.

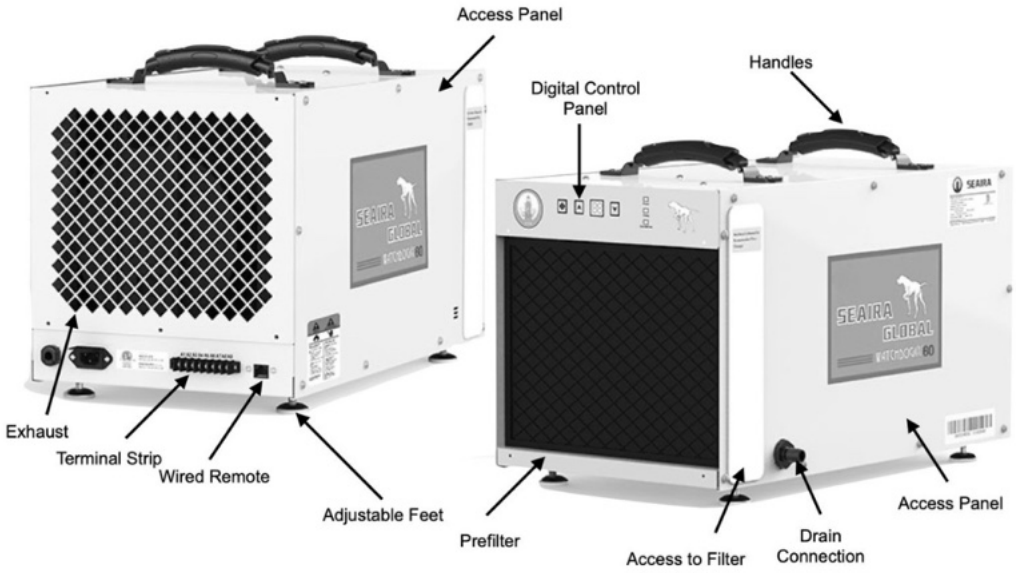
6. Drain Pump

Pressing the drain pump button will remove water from the pump reservoir, so the unit can be safely moved or stored. *THIS FUNCTION IS ONLY AVAILABLE ON PUMP MODEL DEHUMIDIFIERS.*



NOTE: Symbols mentioned above will only appear when the dehumidifier is powered on

Unit Diagram



Maintenance

Warning: Always unplug the dehumidifier before performing any maintenance.

Cleaning Exterior Shell

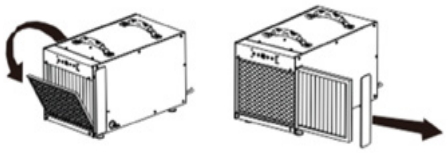
Use a soft damp cloth to clean the exterior of the unit. Do not use any soap or solvents

Coil Maintenance

At least once per year, spray the coils with an approved coil cleaner. The coil cleaner should be a self-rinsing, foaming cleaner, such as WEB® Coil Cleaner.

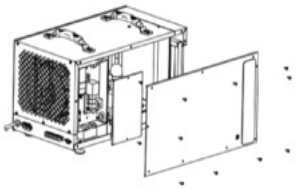
Filter Maintenance

1. Prefilter: Vacuum or wash with warm water (no soap).
2. MERV-10 / HEPA / Carbon: Check at least once per year and replace, as needed.



Electrical Access

1. Remove the screws on the side panel.
2. Remove the screw on the control board cover.



Pump Maintenance

Your dehumidifier is equipped with an integral condensate pump designed to pump water from the dehumidifier out to the desired location. **The pump requires maintenance that is not covered under warranty.**

Preventative maintenance is necessary to prevent issues from dirt and slime that may accumulate in the drain system. This includes the drain pan, hose to the condensate pump, pump reservoir, pump head assembly, and discharge tubing.

Basic Pump Cleaning

Complete about once per year, depending on the environment.

1. Remove the filter(s) from the unit to access the drain tray. Press the drain button to drain the reservoir.
2. Disconnect power to the dehumidifier.
3. Mix a 16 ounce solution of bleach (1 oz bleach + 15 oz water) or vinegar (4 oz vinegar + 12 oz water).
4. Pour the cleaning solution into the drain tray at the base of the coils. If any cleaning solution gets on the coils, flush with water.
5. Allow the solution to soak for 15 minutes.
6. Reconnect the dehumidifier to power.

7. Fill the reservoir with 16 ounces of water and flush/cycle the pump 2 times.
8. If the drain line is still filled with debris, repeat the process. If the drain line still doesn't appear clean, move on to Advanced Cleaning.

Advanced Pump Cleaning

Complete as needed.

1. Press the drain button to drain the water from the reservoir.
2. Unplug the dehumidifier and remove the side panel so you have access to the pump.
3. Remove the pump head from the reservoir by removing the screw(s). See below for details.
4. Wipe the reservoir clean with paper towels.
5. Reassemble the pump.
6. Repeat steps 3 - 8 from basic pump cleaning.

Removing the Pump

1. Remove the 13 screws on the side panel, then set the panel aside.
2. Remove the screw(s) holding the pump in place.
3. Undo the 3 pump electrical quick connects and 1 drain quick connect.
4. Insert a flat head screwdriver into the notch on the side of the pump. This will allow you to gently lift the pump off its reservoir (the reservoir remains attached to the unit).

For more detailed instructions, visit www.SeairaGlobal.com

Troubleshooting

Symptom	Cause	Solution
Display is Blank	Poor Connection	Make sure power cord is plugged in
	Power Outage	Reset power
No Airflow	Filter is Dirty	Clean the filter(s)
	Air Inlet or Outlet is Blocked	Clear the blockage
E1 Error Code	Humidity Sensor or Communication Error	Check that the sensor wire is connected at both ends. If no issue, the sensor may be faulty
E4 Error Code	Problem with Pump	Verify that the pump is properly installed and functioning. If so, unplug the unit for 2 minutes, then restart.
LO Error Code	Room Temperature is below 36°F	Increase room temperature so it's within operating range. If issue persists, check the sensor
HI Error Code	Room Temperature is above 102°F	Decrease the room temperature so it's within operating range. If issue persists, check the sensor
Tripped GFCI Outlet or Breaker	Not a Dedicated Circuit	Identify all sources connected to outlet and confirm source of trip. If it is dehumidifier, contact technical support. If not, move dehumidifier to dedicated circuit for future use.
	Defective GFCI	Replace outlet
	Dirt, Dust, or Moisture on Outlet	Clean or replace outlet
	Lightning or External Electrical Surge	Reset or replace breaker/GFCI, as needed
Note: Dehumidifier will not function until error code is cleared		

Warranty

All warranty benefits apply to the original owner only. Warranty cannot be transferred or assigned.

5 Years (From Date of Purchase): Seaira Global warrants the dehumidifier will operate free of defects in workmanship and materials. At its discretion, Seaira Global will repair or replace any malfunctioning components, free of charge (excluding transportation costs).

Customer Responsibilities: In order to take advantage of the warranty service, the customer must do the following:

1. Customer must provide normal care and maintenance (including, but not limited to cleaning filters, coils and pumps)

2. Removal and re-installation of unit is the sole responsibility of owner.

3. If customer cannot return unit to Seaira Global, all costs associated with shipment are borne by the customer. In addition, all ancillary charges related to shipments, including but not limited to palletizing, wrapping, labeling, and pickup are associated with customer.

4. If shipped, customer is responsible for all risk of loss or damage.

Warranty Procedure:

1. Customer must submit a warranty registration form to Seaira Global. If no form is submitted, warranty period will begin the day the shipment left the warehouse.

2. If warranty service is necessary, customer must contact Seaira Global Tech Support by phone 910-660-0962 to receive a Return Authorization (RA) number.

3. Once an RA has been issued, it is the customer's job to bring the unit to Seaira Global. If this is not an option, shipping will be arranged to bring the unit back to the Seaira warehouse (at the expense of the customer).

4. After the unit has been received by Seaira Global, an initial inspection will be completed, if it is determined to be an invalid warranty claim (see exclusions below), unit will only be completed after receiving payment from customer for all associated costs.

5. If unit is defective, the necessary parts will be repaired or replaced and the unit will be available for pickup at Seaira Global or returned via shipment (at customer's expense). Keep in mind that work is only done during normal working hours. After being repaired, all units are required to go through a rigorous testing process prior to being returned to customer.

6. Once a part is repaired and the dehumidifier is returned, the original warranty period still applies (no extensions).

EXCLUSIONS:

DAMAGE DUE TO THE FOLLOWING IS NOT covered under warranty

1. **Acts of Nature- Including but not limited to:**

    - **Flooding**
    - **Fire**
    - **Water damage**
    - **Hurricane/storm damage**

2. **Improper Usage - Including but not limited to:**

    - **Pool/spa/tub applications**
    - **Misuse, abuse, or tampering whether intentional or accidental**
    - **Improper installation or design**
    - **Improper voltage**
    - **Lack of normal care**
    - **Failure to follow instructions**

3. **Corrosion**
4. **Freezing**
5. **Any additional costs due to changes in laws or building codes**
6. **Freight charges**
7. **Any costs due to lost profit or delay**
8. **Damage to property**
9. **Cause beyond control**
10. **Consumable parts, including but not limited to:**

    - **Filters**
    - **Batteries**
    - **Power cords**
    - **Valves**
    - **Switches**
    - **Rubber parts**

11. **Applicable Law and Venue**

All aspects of this agreement shall be interpreted by and under the laws of the state of North Carolina. Any litigation, enforcement of arbitration, or litigation related to this agreement shall be brought in the appropriate court in New Hanover County, North Carolina.

12. **Direct, Indirect, Collateral or Inconsequential Damages of Any Kind**

The warranties and liabilities set forth are in lieu of all other warranties expressed or implied, in law or in fact, including implied warranties of merchantability and fitness for a particular purpose. Seaira Global's total liability, regardless of nature of claim shall not exceed original purchase price of the product. If a product or component is replaced while under warranty, the applicable warranty period shall not be extended beyond the original warranty time period.

The foregoing shall constitute the total liability of seller in the case of defective performance of all or any of the equipment or services provided to Buyer. Buyer agrees to accept and hereby accepts the foregoing as the sole and exclusive remedy for any breach or alleged breach of warranty by Seller.

Any dishonesty or fraud in connection with Seaira Global warranty thoroughly voids all warranty policies. Seaira Global expressly reserves the right to pursue legal action in the event of dishonesty, fraud, or attempted fraud.