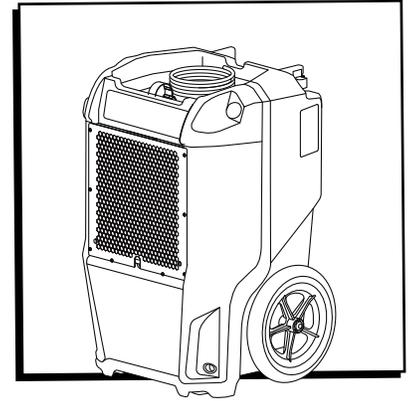


ULINE H-11827

INDUSTRIAL DEHUMIDIFIER – 219 PINT

1-800-295-5510
uline.com



SAFETY



IMPORTANT! Unplug unit before opening cover for cleaning or servicing.

WARNING! Explosion or combustion hazard due to flammable refrigerant.

WARNING! Electric shock hazard, rotating fan, hot surface hazards. Unit must be grounded.

- Do not drill into or braze the dehumidifier.
- Do not attempt to service the refrigeration system. Only authorized service center personnel should service or decommission the refrigeration system.
- Do not use or store near ignition sources, combustible gases, electric heaters or open flames.
- Be aware that refrigerant gases can be odorless.
- Inspect the power cord before use. If cord is damaged, do not use. Always grasp the plug (not the cord) to unplug.
- Insert three-prong plug on power cord into a matching electrically grounded outlet. Do not use adapter. Never cut off third prong. Do not use an extension cord.
- Unit must be operated on a 115 V/60 Hz circuit protected by a Ground Fault Circuit Interrupter (GFCI) device.
- Keep motor and wiring dry.
- Do not use in environments where corrosive chemicals, such as chlorine, are present.
- Do not expose the control panel to moisture, snow or rain.
- Dehumidifier should not be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are given supervision or instruction. Children should not be allowed to play with the unit.
- For proper disposal, unit should be taken to a recycling entity authorized to process refrigeration equipment.
- Do not attempt to repair the unit. For authorized service centers, contact Uline Customer Service at 1-800-295-5510.

SETUP



NOTE: For best results, operate dehumidifier in an enclosed area. Close all doors and windows that open to the outside to maximize water removal efficiency. Place dehumidifier away from obstructions and keep it away from anything that could block airflow into and out of the unit.



IMPORTANT! Transporting or storing the unit in a horizontal position is not recommended. When the machine is placed in a horizontal position, the oil from the compressor can flow into the refrigerant coils and reduce the ability of the dehumidifier to function and possibly damage the unit. If the unit has been placed in a horizontal position, set it upright and let it stand for at least 30 minutes before turning it on.

OPERATION

EXTEND HANDLE

Release the handle by rotating red locking lever outward, then lift handle up into place. Rotate red lever back into locked position to secure handle in operating position.

 **NOTE:** Do not use the extended handle to lift the unit off the ground horizontally. Do not use the extended handle as an attachment point to strap the unit in a vehicle for transport. These uses will place undue strain on the handle attachment points in the housing.

SET UP DRAIN HOSE

This unit automatically pumps out water on a regular basis. This dehumidifier is equipped with a quick-connect fitting for attachment to the provided drain hose located in the tray on top of the unit. Unwrap the entire hose and place the open end in a sink, drain, bucket or outdoors – anywhere that water can drain out safely. If using a bucket or other container for water collection, check it regularly to prevent overflows.

 **NOTE:** Uncoil and straighten the entire drain hose. Do not leave any part of the hose coiled and do not place the end of the hose higher than 20' above the bottom of the unit. Also check for kinks or other obstructions that might restrict the flow of water. A kink or blockage will cause the unit to turn off and produce an error message.

PLUG IN POWER CORD

Dehumidifier should be plugged into a GFCI-protected 115-volt outlet rated for at least 15 amps.

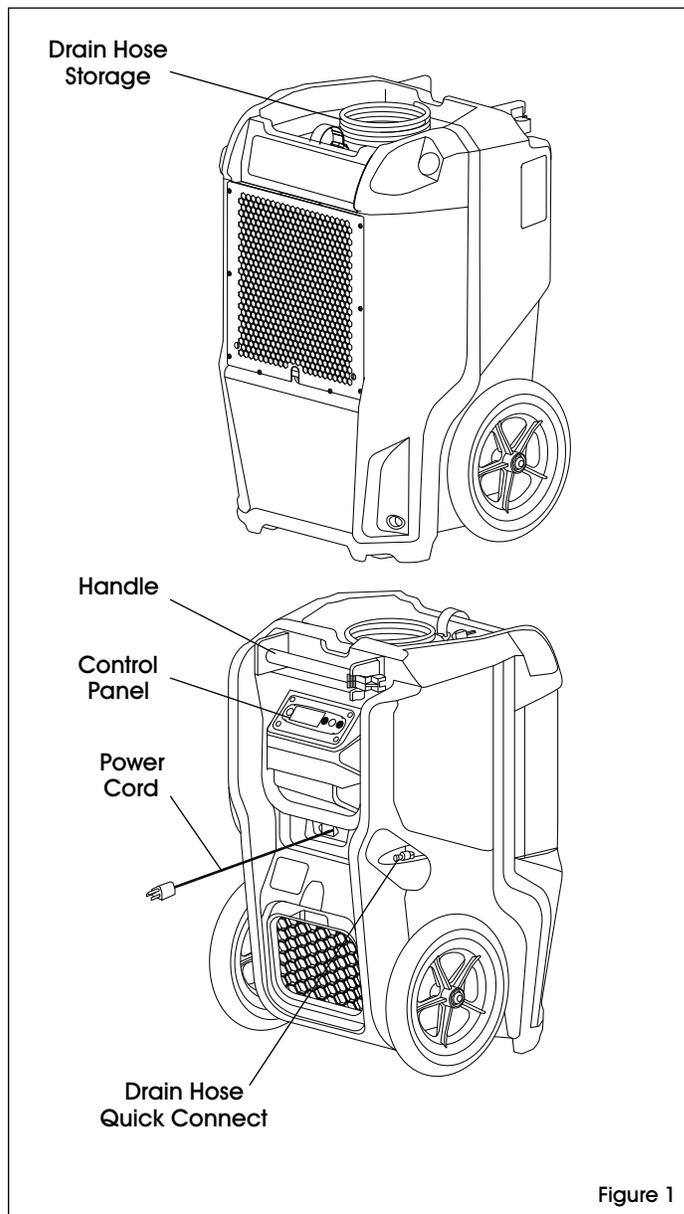
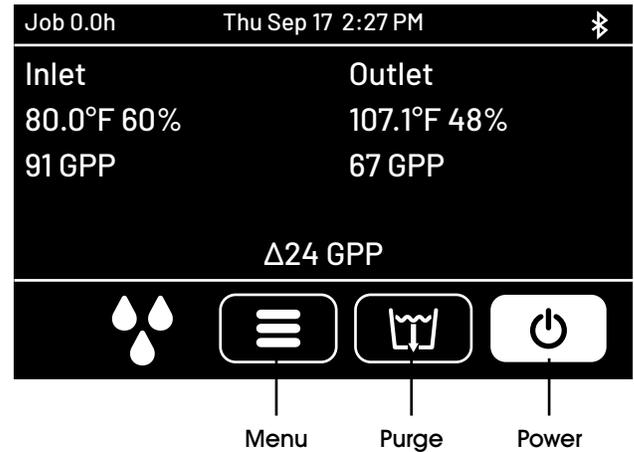


Figure 1

OPERATION CONTINUED

CONTROL PANEL



UNIT OFF

Top Display Bar: Shows job hours, current time.

Press **MENU** to access settings and configuration controls.

Press **PURGE** button to pump out condensate tank.

Press **POWER** button to turn unit ON/OFF.

*Display shows only when plugged in and powered off.

UNIT ON

Top Display Bar: Shows job hours, current time.

Inlet/Outlet: Temp, %RH, GPP and Current GPP removal

Press **MENU** to access settings and configuration controls.

Press **PURGE** button to pump out condensate tank.

Press **POWER** button to turn unit off.

TRANSPORTING



IMPORTANT! Ensure that all water is removed from the unit before transporting.

The unit will complete the defrost cycle even if the unit is turned off but still plugged in. If the unit is unplugged during the defrost cycle, excessive water may accumulate in the unit and may drip out when unit is moved.

1. With the power on, press the **PURGE** button.



NOTE: To ensure the condensate tank empties completely while purging, ensure the unit is placed upright on a horizontal surface.

2. Gently rock the machine to ensure any water remaining on interior surfaces falls into the sump area.

3. Press the **PURGE** key once again. When the purge cycle is complete, turn the unit off.



IMPORTANT! Do not turn unit off or move it until it has finished the purge cycle.

4. Remove the external drain hose, drain it carefully, coil it and return it to the storage tray on the top of the unit.



NOTE: Handle the unit carefully. Do not drop, throw or place the unit where it could fall. Rough treatment can damage the dehumidifier and may create a hazardous condition or void the warranty.

- Secure during transport to prevent sliding, damaging impact to internal parts and possible injury to vehicle occupants.
- Do not transport or store the unit on its front, sides or back. This will help to prevent any remaining moisture from escaping the unit or flowing into areas outside the pump.

MAINTENANCE



WARNING! Electric shock hazard. Unplug unit before cleaning or servicing.



NOTE: This unit is fitted with sensitive electronic sensors. Protect the sensors and their lead wires from damage and do not expose them to water or cleaning solution.



CAUTION! Risk of dust and contaminants exposure. Use of respirator mask and gloves is recommended. If unit has been exposed to potentially dangerous contaminants, clean thoroughly and sanitize before reuse.

BEFORE USING

- Inspect the electrical cord for damage. Look for fraying, cuts, etc. Replace the cord if damage is found.
- Inspect filter. Replace if accumulation of dust and debris is visible.
- Replace used filters with Uline model # H-11828 only.



NOTE: Filters are individually wrapped to protect filtration effectiveness. Remove wrapper before installing filter.

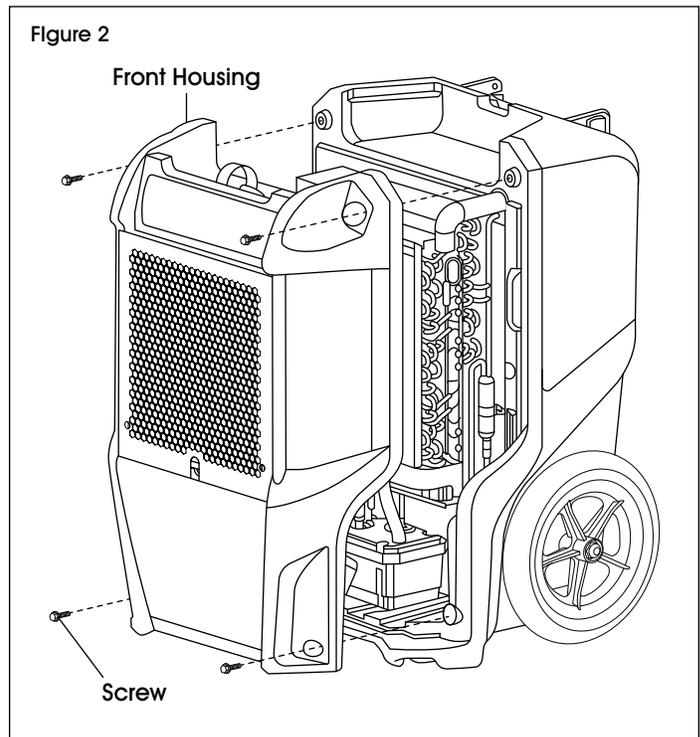
MONTHLY

- Inspect coils. Clean when dust accumulation is visible. In normal use, dust can accumulate and restrict airflow, reducing performance and causing the unit to overheat.
- To maintain appearance, wipe interior and exterior surfaces with a damp cloth. For deep cleaning and a lasting, protective shine, use an automotive interior treatment product.

AS NEEDED

- Remove front housing and clean pump check valve and basin.
- Clean coils. Inspect the horizontal evaporator (cold) coil with the front cover removed. If excessive dust and debris is present, vacuum thoroughly and/or clean with alkaline (non-acidic) coil cleaner.

To remove front housing, remove four screws to access coils and pump for service. (See Figure 2)



TROUBLESHOOTING

ERROR MESSAGES

If the control system detects a problem, an "Alert" symbol will appear in the upper right corner of the control panel screen. Press **POWER** button to view the message and "OK" to clear the message.

In the case of an error, the unit will not operate until the problem is resolved. Refer to the explanations and solutions shown below. If these solutions do not fix the problem, contact Uline Customer Service at 1-800-295-5510.

ERROR CODES	RECOMMENDATIONS
ER4 Error (Defrost Thermistor Connect) ER4 Error (Outlet Thermistor Connect)	Temperature sensor is open, missing or shorted. Check that temperature sensors are installed correctly on control panel.
ER5 Error (Inlet RH1 Temp/RH Sensor)	Inlet temperature/RH sensor is open, missing or shorted. Check that inlet temperature/RH sensor is installed correctly on control panel and inlet shroud.
ER6 Error (Current Sensor Failure)	Current sensor failure.
ER9 Error (Pump Blocked)	Check for obstructions in drain hose.
W1 (Low Battery)	Replace coin cell battery (3 V, CR2032) on control panel.
W2 (BLE Error) W3 (Flash Reset) W4 (WDT Reset)	Cycle power to dehumidifier.

TROUBLESHOOTING CONTINUED

OPERATING ISSUE	CAUSES	RECOMMENDATIONS
Water drips out when moving unit.	Unit was unplugged before purging was complete.	Purge unit before moving. See "Transporting" on page 3.
Unit does not operate.	Unit not switched on. No power to machine.	Switch unit on. Plug in unit; check power cord connection at wall outlet.
Unit operating, but room not dry.	Not enough time to dry. Poor air movement in room. Excessive moist air infiltration.	Ensure "Humidistat" is off. Allow more time for drying. Increase air movement with air movers. Seal off area to reduce infiltration.
Unit collects too little water.	Room air is dry. Room temperature is too low. Filter is clogged. Coils are clogged.	Ensure "Humidistat" is off. Confirm humidity level with hygrometer. Increase room temperature. Check filter. Replace as necessary. Check coils. Clean as necessary.

