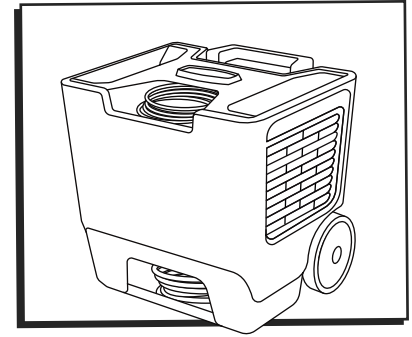


**ULINE** H-12782

# INDUSTRIAL DEHUMIDIFIER – 130 PINT

1-800-295-5510  
uline.com



## SAFETY



**WARNING!** Do not alter or modify the unit in any way. Use only replacement parts authorized by the manufacturer. Modifications or use of unapproved parts could create a hazard and will void your warranty. Contact your authorized distributor for assistance.

**WARNING!** 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 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.
- The unit must be operated on a 115V/60Hz circuit protected by a Ground Fault Circuit Interrupter (GFCI) device.
- Keep motor and wiring dry. Do not power wash or expose the unit to rain.
- Do not use in environments where corrosive chemicals such as chlorine are present.
- Do not expose the control panel to moisture, snow or rain.
- The unit 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, this unit should be taken to a recycling entity authorized to process refrigeration equipment.
- Do not attempt to repair or service 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

Extend the telescoping handle by pressing the button and lifting handle up into place.


Release the button to secure handle in operating position.

 **NOTE:** Do not use the extended handle to lift the unit off the ground. 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 attaching to the provided drain hose located in the lower compartment.

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.

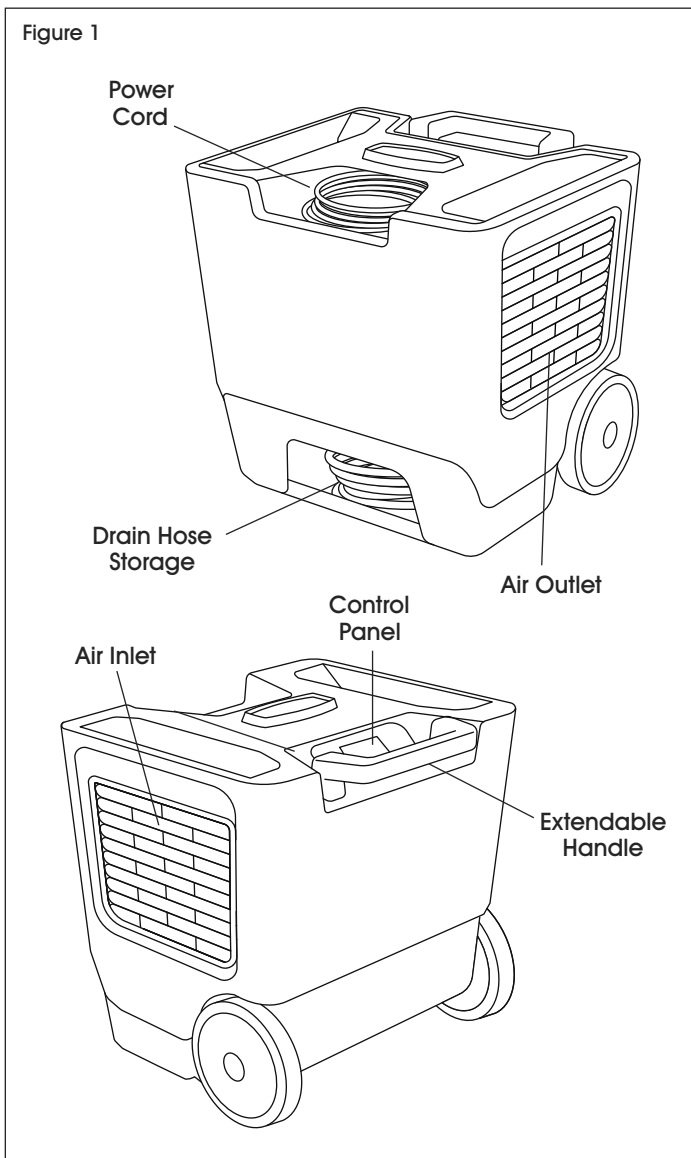
## OPERATING INDICATOR LIGHTS

When the unit is powered on and operating normally, indicator lights on the control panel will illuminate blue.

If the unit needs attention, indicator lights turn red. The top display bar will turn red and display an "Alert" indicator as well as the issue encountered. Press the top display bar to view the message and troubleshooting steps. When finished, press the "X" in the upper right corner.

## PLUG IN POWER CORD

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



# OPERATION CONTINUED

## CONTROL PANEL

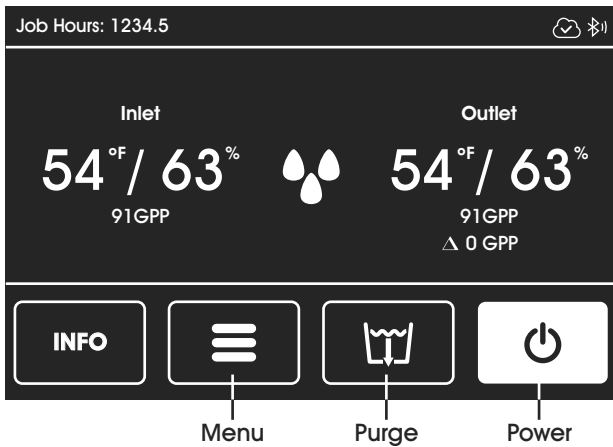


### UNIT OFF

**Top Display Bar:** Shows job hours and status indicators.

- Press **MENU** button to access settings and configuration controls.
- Press **PURGE** button to pump out condensate tank.
- Press **POWER** button to turn unit on.

\*Display shows only when plugged in and powered off.

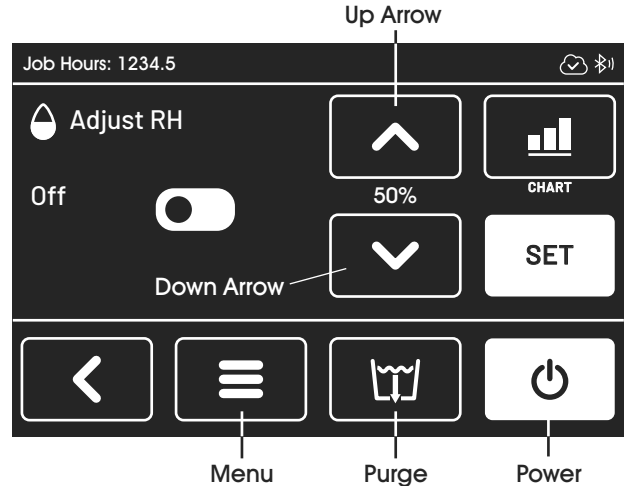


### UNIT ON – DRYING MODE

**Top Display Bar:** Shows job hours and status indicators.

**Information Display:** Inlet and outlet temperature, relative humidity, grains per pound (GPP) and GPP change

- Press **MENU** button to access settings and configuration controls.
- Press **PURGE** button to pump out condensate tank.
- Press **POWER** button to turn unit off.



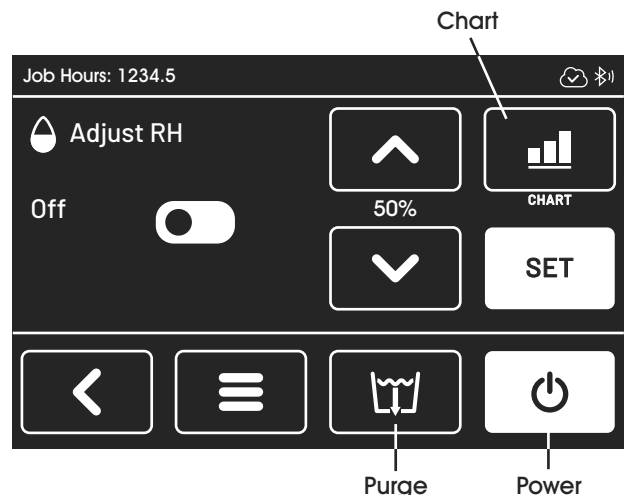
### UNIT ON – HUMIDITY CONTROL MODE

**Top Display Bar:** Shows job hours and status indicators.

1. Press **MENU** button to access settings and configuration controls.
2. Press **ADJUST RH** to change relative humidity.
3. Press (☑) to turn humidistat on.
4. Press up/down arrows to set target RH% between 35-70% relative humidity. Default humidistat setting is 35% RH.
5. Press **SET** button when done.




**To view chart tracking temperature and humidity:**

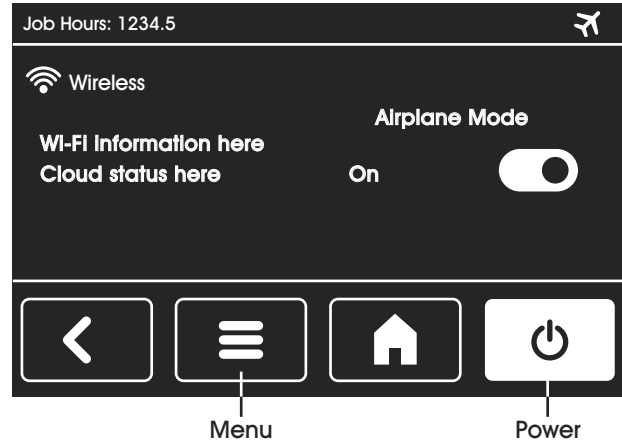
1. Press **CHART** (📊) button.
2. Press **PURGE** button to pump out condensation tank.
3. Press **POWER** button to turn unit off.



## OPERATION CONTINUED

### UNIT ON – AIRPLANE MODE (BLUETOOTH AND WI-FI DISABLED)

1. Press **MENU** button to access settings and configuration controls.
2. Press .
3. Press .
4. Press  to toggle airplane mode on/off.



## TRANSPORTING



**IMPORTANT!** To reduce the possibility of drips or leaking when moving the unit, follow these additional steps to 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 you move the unit.

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** button again.



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

4. When the purge cycle is complete, press the **POWER** button to turn the unit off.
5. Remove the external drain hose, drain it carefully, coil it and return it to the storage compartment at the bottom 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 unit during transport to prevent sliding and possible avoid any damaging impact to internal parts or 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 from the unit or flowing into areas outside the pump.
- Do not expose the control panel to moisture, snow or rain.

# MAINTENANCE



**WARNING!** Electric shock hazard. Unplug unit before cleaning or servicing. Keep motor, circuitry and wiring dry. Do not power wash or expose the unit to rain.



**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.



**NOTE:** The 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.

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

## BEFORE USING

- Inspect the electrical cord for damage. Look for fraying, cuts, etc. Replace the cord if any damage is found.
- Inspect filter. Replace if accumulation of dust and debris is visible.
- Replace used filters with Uline model # H-10030 only.



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

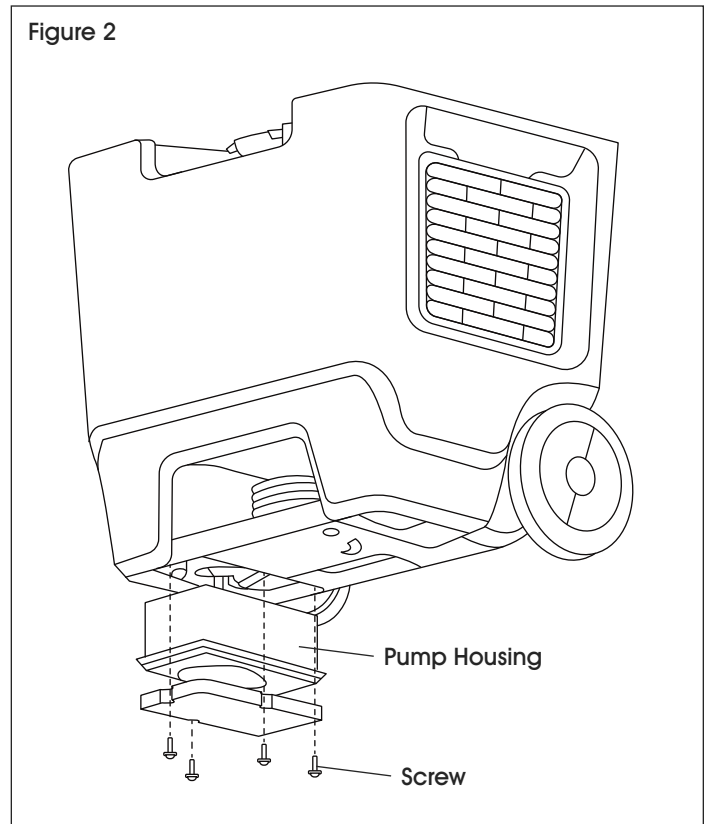
## MONTHLY

- Inspect coils. Clean when dust accumulation is visible. In normal use, dust can accumulate and can 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

- Clean pump check valve and basin. This requires removal of the pump housing. Connect the pump when finished servicing and test to ensure the pump is functioning. (See Figure 2)
- 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.

Figure 2



# TROUBLESHOOTING

## ERROR MESSAGES

If the control system detects a problem, the indicator lights in the bezel will turn red. The top display bar will turn red and display an "Alert" indicator as well as the issue encountered. Press the top display bar to view message and troubleshooting steps. When finished, press the "X" in the upper right corner.

In the case of an issue, the unit will not operate until the problem is solved. 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.



**NOTE:** Indicator lights red for all alerts.

ERROR CODES	DESCRIPTION
02	Sensor harness is missing.
03	Outlet temperature sensor issue.
04	Defrost temperature sensor issue.
05	Temp/RH sensor issue.
06	Current sensor failure.
08	Command hub battery low or missing.
09	Overflow safety switch issue.
10	High amp shutdown 10x.
15	High amp shutdown 5x.

## 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 4.
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 is 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.

