

HI-E DRY**140**For complete product
information, scan here:


READ AND SAVE THESE INSTRUCTIONS

FOR A COMPLETE MANUAL, GO TO QUESTCLIMATE.COM/MANUALS, OR SCAN CODE ABOVE.

This manual is provided to acquaint you with the dehumidifier so that installation, operation and maintenance can proceed successfully. Ultimate satisfaction depends on the quality of installation and a thorough understanding of this equipment. The dehumidifier is built around tested engineering principles and has passed a thorough inspection for quality of workmanship and function.

READ AND SAVE THESE INSTRUCTIONS

- The device is designed to be installed **INDOORS IN A SPACE THAT IS PROTECTED FROM RAIN AND FLOODING.**
- Install the unit with space to access the back or side panels for maintenance and service. **DO NOT INSTALL UNIT WITH THE SERVICE PANELS INACCESSIBLE.**
- Avoid directing the discharge air at people, or over the water in pool areas.
- If used near a pool, spa or water; be certain there is **NO** chance the unit could fall into the water, be splashed and that it is plugged into an outlet that is a **GROUND FAULT INTERRUPT** protected circuit.
- **DO NOT** use the device as a bench or table.
- **DO NOT** place the device directly on structural members. Provide vibration isolation in order to minimize operational vibration and/or noise.
- A drain pan **MUST** be placed under the unit if installed above a living area or above an area where water leakage could cause damage.
- Never operate a unit with a damaged power cord. If the power cord is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified person in order to avoid a hazard.
- Make all electrical connections in accordance with the current edition of the NEC ANSI/NFPA 70 and any national and local codes or ordinances that may apply.
- Do not obstruct the air intake and exhaust. Maintain a 3 ft (1 m) clearance around the air intake and exhaust.
- 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.
- This appliance is not intended for use in elevations over 2000 m (6,562 ft).

 **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 odor.

ASSEMBLY & INSTALLATION

Thanks for purchasing a Quest Hi-E Dry 140 dehumidifier. For a complete manual, visit QuestClimate.com/manuals. Please follow these steps to successfully assemble and install your new dehumidifier

① UNPACK BOX

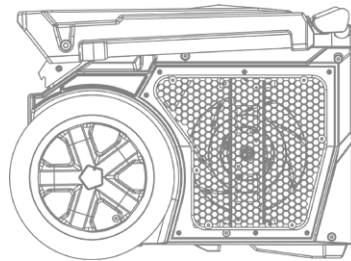
② REGISTER WARRANTY AT THERMASTOR.COM/REGISTRATION



③ CHECK THAT YOU HAVE ALL PARTS:

- A. Dehumidifier (1)
- B. Drain Hose (1)

A.



C.



④ READ ALL REMAINING STEPS AND WARNINGS BEFORE CONTINUING

⑤ DECIDE WHERE TO PLACE UNIT IN ROOM



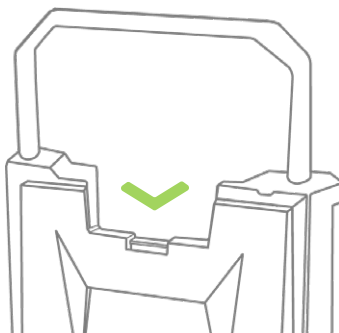
WARNING! Don't block airflow inlet. Outlet must be at least 12 inches from walls and other obstructions.



WARNING! Risk of fire due to flammable A2L refrigerant used. See manual for handling instructions and follow carefully in compliance with national regulations.

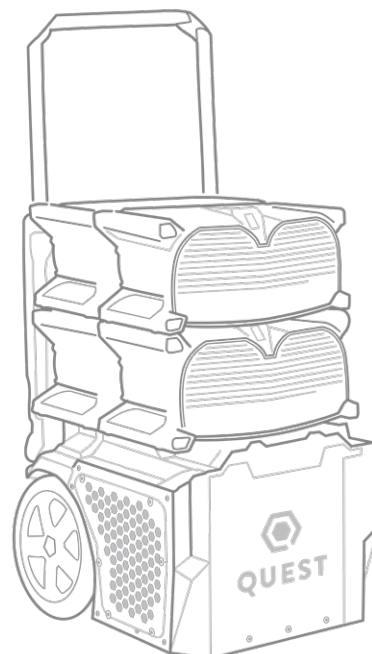
⑥ PUSH LEVER TO EXTEND HANDLE

The push lever is centered beneath the handle and will extend the handle to 50" for easy transport, even on stairs.



⑦ WITH HANDLE EXTENDED, THE QUEST HI-E DRY 140 IS READY FOR TRANSPORT.

Efficiency Tip: The Hi-E Dry 140 is designed as a dolly for your air movers. Stack your F9 or F10 fans for convenient mobility.



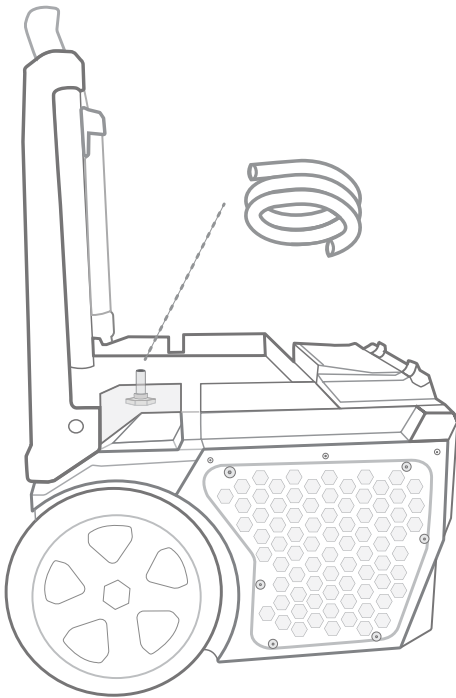
⑧ **VERIFY WALL OUTLET IS CORRECT VOLTAGE AND AMPERAGE**

⑨ **PLUG IN DEHUMIDIFIER**


The unit will enter "STAND BY" mode.

⑩ **ATTACH DRAIN HOSE TO UNIT AND OUTPUT TO DRAIN**

Attach one end of the condensate hose over the drain adapter plug (located under the lid of the storage pocket) and the other end of the hose into a drain, bucket, sink, etc.



SPECIFICATIONS @ 80°F / 60%RH

Dehumidifier	QUEST HI-E DRY 140 #4045100-30
Blower	300 CFM
Supply Voltage (VAC)	110-120V
Current Draw (Amps)	6.8
Operating Temperature	56 F - 95 F
Air Filter (MERV-10)	Size: 12" x 14" x 1"
Capacity (Pints/Day)	135
Efficiency (Pints/kWh)	7.2
Power Cord	 14ga, 25', SJTW 115V

⑪ **PRESS THE POWER BUTTON**

Upon powering on, the light bar above the display will illuminate for 1 second, then turn off. The compressor will activate 60 seconds after selecting the Power button.

The dashboard will display the following:

Top Section- Displays Inlet Conditions

Temperature, Humidity, Grains per Pound (gr/lb)

Middle Section- Displays exiting conditions

Temperature, Humidity, Grains per Pound (gr/lb)

Bottom Left: Displays current humidity set point (default: 50%)

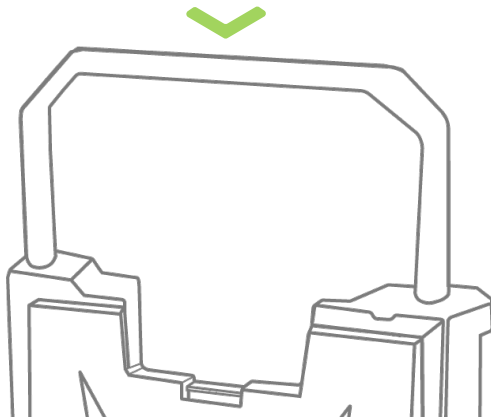
Bottom Right: Run time since last power-up (top); lifetime usage in hours (bottom)

⑫ **TO CHANGE THE HUMIDITY SETPOINT**

Push the NEXT arrow button 10 times, or until you reach the Humidity Setpoint screen. Press the UP arrow to increase the setpoint; press both arrow buttons at the same time to decrease the set point.

From any screen, touch the droplet button to go back to the dashboard.

NOTE: Dark Mode is enabled as default out of the box. The screen will go dark after 10 minutes. To turn the screen back on, press any button.



- ⑬ **PUSH DOWN ON HANDLE TO UNLOCK, AND FOLD BACK DOWN FOR COMPACT USE AND STORAGE.**

AFTER DEHUMIDIFICATION

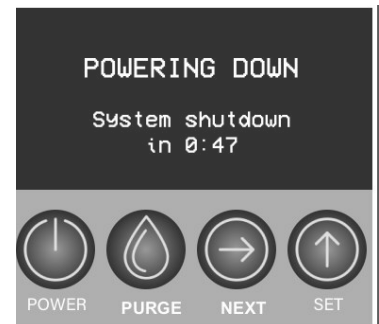
When you're finished with your dehumidifier, follow these steps for powering down and storage.

① **PRESS THE "POWER" BUTTON**

Press the "POWER" button.

Wait for the "POWERING DOWN" timer to finish. This allows the blower to remove water from the coils and it gives the coils a chance to warm up so they stop condensing water.

IMPORTANT: Final purge happens at the end of the power down cycle.



② **THE UNIT ENTERS "STAND BY" MODE**

Once in "STAND BY" mode, unplug the dehumidifier. Disconnect the condensate hose.

③ **STORAGE**

Store the condensate hose back in the storage pocket at the top of the dehumidifier.

④ **ACCESSORIES**

To purchase additional accessories for your system, scan right, or visit [QuestClimate.com/Product-Category/Accessories/All-Accessories/](https://questclimate.com/Product-Category/Accessories/All-Accessories/)

- A. Replacement Filter:** Change filters every 3-6 months, or in growing applications, each grow cycle for maximum performance.



LIMITED WARRANTY

WARRANTOR:

Therma-Stor LLC
4201 Lien Rd
Madison, WI 53704
Telephone: 1-877-420-1330



WHO IS COVERED: This warranty extends only to the original end-user of the Quest Hi-E Dry 140 dehumidifier, and may not be assigned or transferred.

FIRST YEAR WARRANTY: Therma-Stor LLC warrants that for one (1) year the Quest Hi-E Dry 140 dehumidifier will operate free from any defects in materials and workmanship, or Therma-Stor LLC will, at its option, repair or replace the defective part(s), free of any charge.

SECOND THROUGH FIFTH YEAR WARRANTY: Therma-Stor LLC further warrants that for a period of five (5) years, the condenser, evaporator, and compressor of the Quest dehumidifier will operate free of any defects in material or workmanship, or Therma-Stor LLC, at its option, will repair or replace the defective part(s), provided that all labor and transportation charges for the part(s) shall be borne by the end-user.

END-USER RESPONSIBILITIES: Warranty service must be performed by a Servicer authorized by Therma-Stor LLC. If the end-user is unable to locate or obtain warranty service from an authorized Servicer, he should call Therma-Stor LLC at the above number and ask for the Therma-Stor LLC Service Department, which will then arrange for covered warranty service. Warranty service will be performed during normal working hours. The end-user must present proof of purchase (lease) upon request, by use of the warranty card or other reasonable and reliable means. The end-user is responsible for normal care. This warranty does not cover any defect, malfunction, etc., resulting from misuse, abuse, lack of normal care, corrosion, freezing, tampering, modification, unauthorized or improper repair or installation, accident, acts of nature or any other cause beyond Therma-Stor LLC's reasonable control.

LIMITATIONS AND EXCLUSIONS: If any Quest Hi-E Dry 140 dehumidifier part is repaired or replaced, the new part shall be warranted for only the remainder of the original warranty period applicable thereto (but all warranty periods will be extended by the period of time, if any, that the Quest dehumidifier is out of service while awaiting covered warranty service).

UPON THE EXPIRATION OF THE WRITTEN WARRANTY APPLICABLE TO THE QUEST DEHUMIDIFIER OR ANY PART THEREOF, ALL OTHER WARRANTIES IMPLIED BY LAW, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL ALSO EXPIRE. ALL WARRANTIES MADE BY THERMA-STOR LLC ARE SET FORTH HEREIN, AND NO CLAIM MAY BE MADE AGAINST THERMA-STOR LLC BASED ON ANY ORAL WARRANTY. IN NO EVENT SHALL THERMA-STOR LLC, IN CONNECTION WITH THE SALE, INSTALLATION, USE, REPAIR OR REPLACEMENT OF ANY QUEST DEHUMIDIFIER OR PART THEREOF BE LIABLE UNDER ANY LEGAL THEORY FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES INCLUDING WITHOUT LIMITATION WATER DAMAGE (THE END-USER SHOULD TAKE PRECAUTIONS AGAINST SAME), LOST PROFITS, DELAY OR LOSS OF USE OR DAMAGE TO ANY REAL OR PERSONAL PROPERTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, AND SOME DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO ONE OR BOTH OF THESE LIMITATIONS MAY NOT APPLY TO YOU.

LEGAL RIGHTS: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SERIAL
NUMBER



PART
NUMBER



PLACE LABEL HERE

**REGISTER YOUR
NEW DEHUMIDIFIER**

using the serial number
and part number at
[thermastor.com/
registration](http://thermastor.com/registration)
or scan code above

FOR INTERNAL
USE ONLY

