



# Quest 335 High Efficiency Dehumidifier Instruction Manual

[Home](#) » [Quest](#) » Quest 335 High Efficiency Dehumidifier Instruction Manual 

## Contents

- [1 Quest 335 High-Efficiency Dehumidifier](#)
- [2 ASSEMBLY & INSTALLATION](#)
- [3 OUTPUT TO DRAIN OR bUCKET](#)
- [4 PLUG-IN UNIT](#)
- [5 ADJUST HUMIDITY](#)
- [6 ACCESSORIES](#)
- [7 QUEST DEHUMIDIFIER LIMITED WARRANTY](#)
- [8 LIMITATIONS AND EXCLUSIONS](#)
- [9 Documents / Resources](#)
  - [9.1 References](#)
- [10 Related Posts](#)



## Quest 335 High-Efficiency Dehumidifier



### ASSEMBLY & INSTALLATION

Thanks for purchasing a Quest dehumidifier. For a complete manual, visit [www.questclimate.com/manuals](http://www.questclimate.com/manuals). Please follow these steps to successfully assemble and install your new dehumidifier.

#### 1. UNPACK BOX

##### IMPORTANT

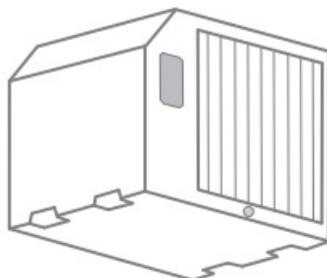
RETAIN A SHEET OF CARDBOARD UNDER THE MACHINE TO PREVENT SCRATCHING.

#### 2. REGISTER WARRANTY AT [THERMASTOR.COM/REGISTRATION](http://THERMASTOR.COM/REGISTRATION)

#### 3. CHECK THAT YOU HAVE ALL PARTS:

- DEHUMIDIFIER (1)
- FEET (4)
- DRAIN HOSE (1)
- DRAIN ADAPTER (1) 3/4" NPT PVC TO 5/8" HOSE BARB
- RIVNUT PLUGS (4)

A.



B.



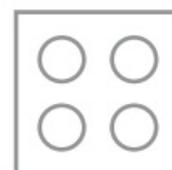
C.



D.



E.



QUEST DEHUMIDIFIERS CAN RUN WITHOUT ADDITIONAL ACCESSORIES. DEPENDING ON INSTALLATION, YOU MAY REQUIRE ADDITIONAL PARTS. SEE STEP 14 FOR ADDITIONAL

## INFORMATION

4. READ ALL REMAINING STEPS AND WARNINGS BEFORE CONTINUING.

5. DECIDE WHERE TO PLACE THE UNIT.

**WARNING!** DON'T BLOCK AIRFLOW INLET. THE OUTLET MUST BE AT LEAST 12 INCHES FROM WALLS AND OTHER OBSTRUCTIONS.

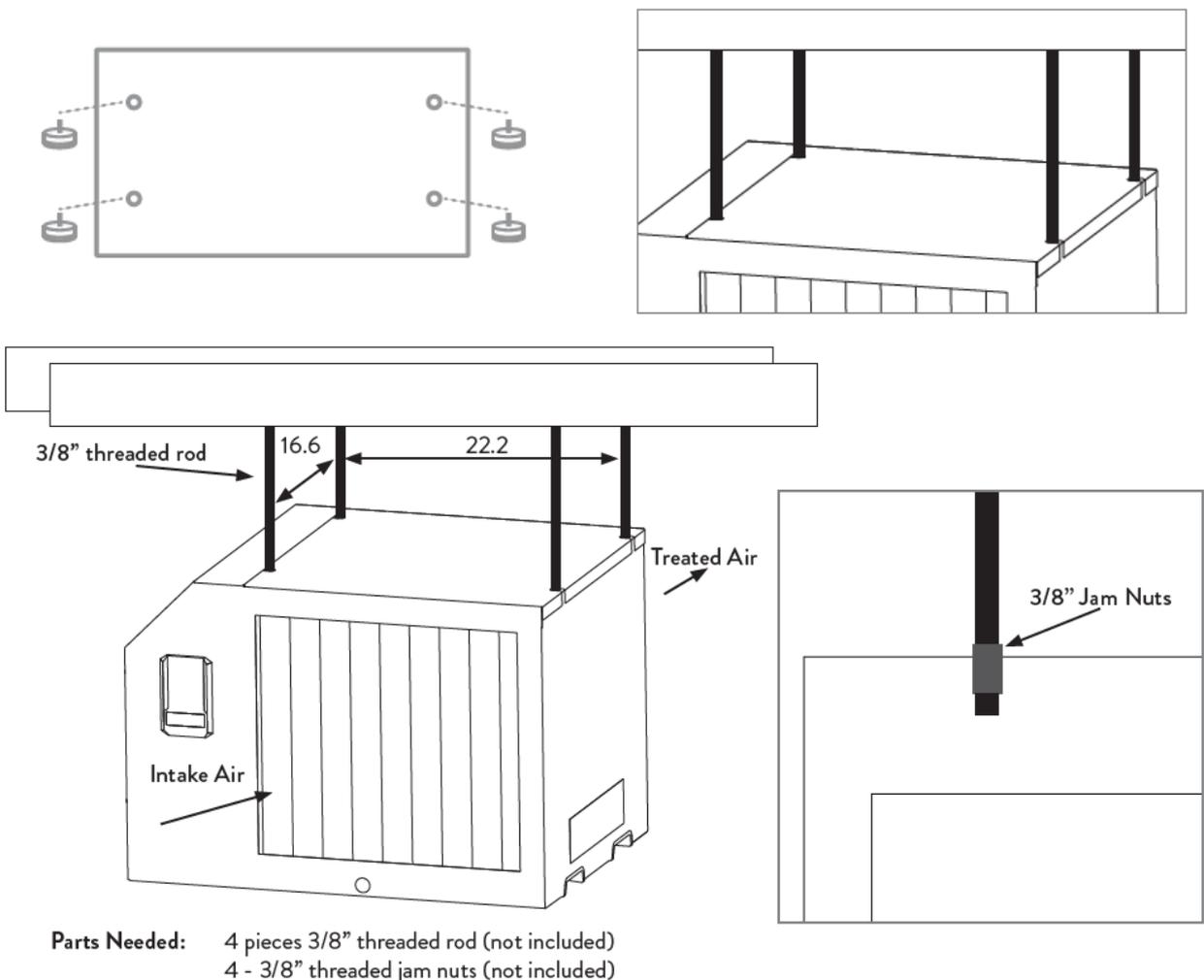
6. CHOOSE WHETHER TO PLACE IT ON THE FLOOR OR HANG THE DEHUMIDIFIER.

1. **IF YOU PLACE IT ON THE FLOOR, ATTACH LEVELING FEET.**

PLACE RIVNUT PLUGS OVERHANG KIT HOLES ON TOP OF THE UNIT.

2. b. IF YOU HANG DEHUMIDIFIER, USING 3/8" THREADED ROD, ATTACH MACHINE TO CEILING.

**IMPORTANT!** THREADED RODS SHOULD BE ENGAGED NO LESS THAN 2" INTO THE MACHINE. THREAD JAM NUTS AT LEAST 2" INTO THE THREADED RODS, SCREW RODS INTO THE UNIT UNTIL JAM NUTS TOUCH THE TOP OF THE UNIT AND TIGHTEN. PLACE RIVNUT PLUGS OVER LEVELING FEET HOLES ON THE BOTTOM OF THE UNIT.

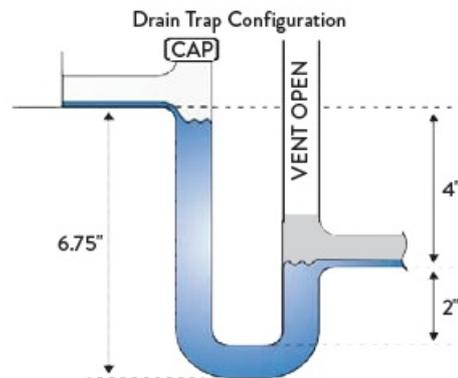


**INSERT DRAIN ADAPTER AND ATTACH DRAIN HOSE\* TO UNIT.**

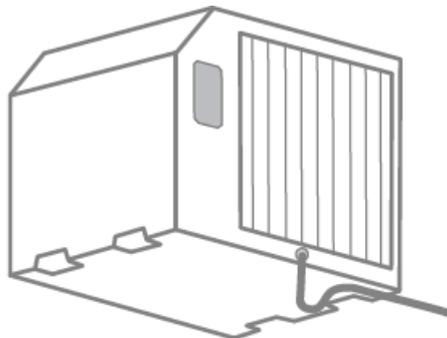


## OUTPUT TO DRAIN OR bUCKET

- ATTACH A P-TRAP (AVAILABLE AT MOST HARDWARE STORES. OR FOLLOW DIMENSIONS BELOW TO CONSTRUCT YOUR OWN DRAINTRAP.)



- IF YOU NEED WATER TO TRAVEL A FURTHER DISTANCE, SEE SECTION 13 BELOW ON HOW TO ORDER A PUMP KIT.
- SEE THE MANUAL FOR MORE DETAILS.



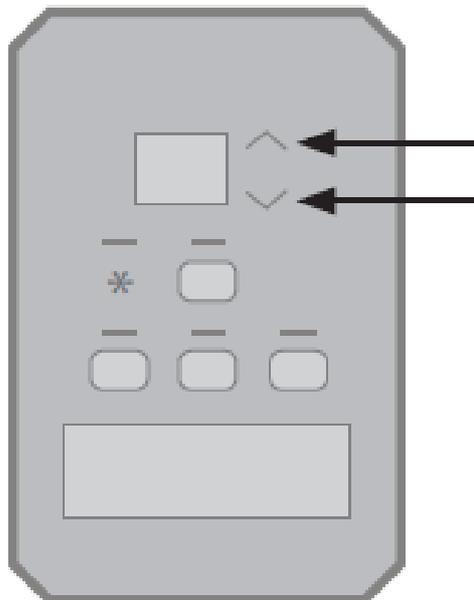
**VERIFY WALL OUTLET IS THE CORRECT VOLTAGE AND AMPERAGE.**

## PLUG-IN UNIT

	Specifications @ 80°F AND 60%RH
<b>UNIT</b>	<b>335</b> 4042500
Blower	1,000 CFM @ 0.0'WG
Supply Voltage (VAC)	208V and 230V
Current Draw (Amps)	6.9A @ 230V 7.9A @ 208V
Operating Temperature	56°F – 95°F
Air Filter (MERV-11)	Size: 20"x22"x2"
Weight (lbs)	215
Capacity (Pints/Day)	335
Efficiency (Pints/kWh)	9.3
Power Cord	14ga 10', NEMA 6-15P

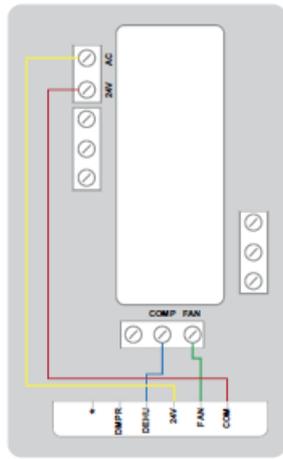
## ADJUST HUMIDITY

- ADJUST ONBOARD SETPOINT TO DESIRED SETTING.

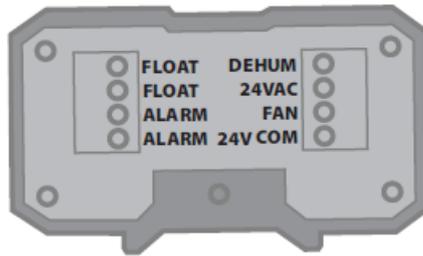
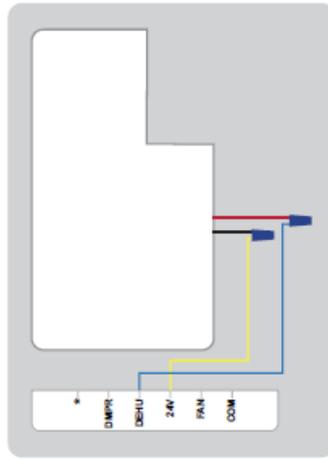


- IF YOU PREFER EXTERNAL CONTROLS, SEE SECTION 13 BELOW ON HOW TO ORDER.  
**WARNING** DISCONNECT MACHINE FROM SOURCE POWER WHEN MAKING ADJUSTMENTS TO LOW VOLTAGE CONTROLS.

**QUEST DEH 3000R CONTROL WIRING DIAGRAM**



**HONEYWELL REMOTE HUMIDISTAT WIRING DIAGRAM**



- TO DAISY CHAIN, SEE MANUAL FOR DETAILS.

## ACCESSORIES

TO PURCHASE ADDITIONAL ACCESSORIES FOR YOUR SYSTEM, VISIT [QUESTCLIMATE.COM](https://questclimate.com)

- REPLACEMENT FILTER: Change filters each grow cycle for maximum performance.
- PUMP KIT: This allows for draining and transferring water when the unit is not hard plumbed or near a drain.
- DUCT KIT: Direct airflow when placing the dehumidifier outside of your grow room.
- EXTERNAL CONTROL: Ideal for overhead installation or with ductwork.

## QUEST DEHUMIDIFIER LIMITED WARRANTY

### WHO IS COVERED

This warranty extends only to the original end-user of the Quest dehumidifier, and may not be assigned or transferred.

### FIRST-YEAR WARRANTY

Therma-Stor LLC warrants that for one (1) year the Quest 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 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.

## **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 UNITS 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 a 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 m (1 ft) 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 the 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.

## Documents / Resources

	<p><a href="#">Quest 335 High Efficiency Dehumidifier</a> [pdf] Instruction Manual 335, High Efficiency Dehumidifier, 335 High Efficiency Dehumidifier, 4042500</p>
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## References

- [Commercial Dehumidifiers | Industrial Dehumidifiers | Quest Climate](#)
- [Product Registration - Therma-Stor](#)
- [Quest Manuals, Spec Sheets and Brochures | Quest Climate](#)

[Manuals+](#).