# **Quest DEH 3000R Digital Control**

# Installation, Operation and Maintenance Instructions

# - Read and Save These Instructions -

This manual is provided to acquaint you with the Quest DEH 3000R so that installation, operation, and maintenance can proceed successfully. Ultimate satisfaction depends on the quality of installation and a thorough understanding of this equipment.

# **Quest DEH 3000R Digital Control:**

- Digital control of relative humidity (Digital Set-Point)
- Fan/Filter operation
- Programmable ventilation timer
- Sleek design
- Large, easy-to-read backlit LCD display
- High temperature cut-out
- Dryout cycle timer
- Auto reboot





4201 Lien Rd Madison, WI 53704

1-800-533-7533 sales@thermastor.com

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### 1. Specifications

Part # (P/N) Model:	4028531 Quest DEH 3000R Digital Control
Electrical:	24 VAC
Max Current – DMP,COMP,FAN:	1 Amp each
Humidity Operating Range:	10 - 95%
Humidity Control Range:	35 - 70%
Humidity Accuracy:	± 5%
Output: Aux. Relay Capacity Temp Range/ Accuracy	3 Amps 24 VAC 5 Amps 30°-90°F, 2%
Size	4.95"L x 1.06"W x 4.19"H

### FOR HVAC INSTALLER ONLY:

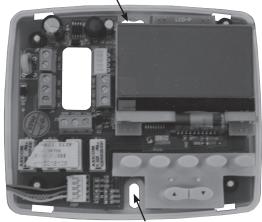
### 2. Installation

Install the Quest DEH 3000R remote sensor in a central area of the structure where it will sense the relative humidity of the structure accurately. Do not install the remote sensor where it may not accurately sense the relative humidity such as near HVAC supply registers, near exterior doors and windows, or near a pool or spa. Install in accordance with all applicable codes and standards.

# 2.1 Control Panel Install Instruc-

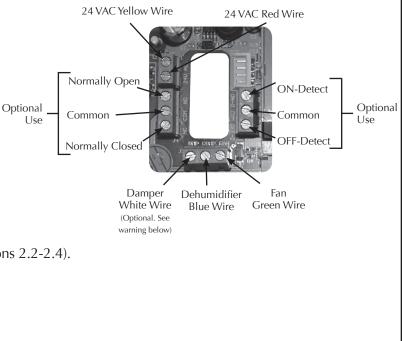
### tions

- 1. Separate the front panel from the back panel by depressing the middle sections of the top and bottom of the front panel.
- Locate the wiring access hole in the wall or other flat mounting surface.
  Place the back panel into position and drill the appropriate mounting holes.
- 3. Insert the screws and tighten. Level as necessary.
- 4. Make the electrical connections to the terminals on the back panel as shown in the applicable wiring diagram (see Sections 2.2-2.4).
- 5. Test the installation (see Section 2.5).



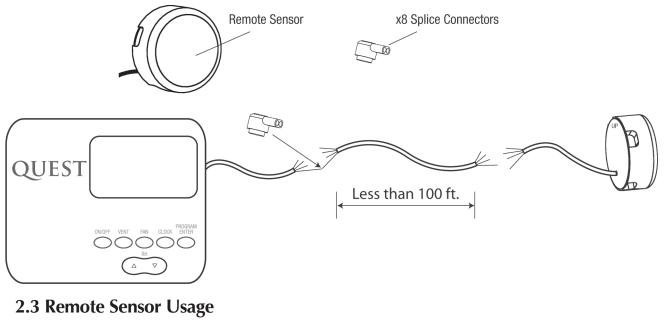
Mounting Hole

Mounting Hole



### 2.2 Remote Sensor Install Instructions

This section is applicable only to customers who have purchased a remote sensor package. The standard DEH 3000 controller does not offer remote functionality.



# **▲ IMPORTANT!**

• The use of spray paint on the sensor housing may damage the sensor and is not covered by the product warranty.

The remote sensing option is used when an installation requires mounting the humidity and temperature sensor out of the conditioned space or when it is desired to specifically monitor and control the conditions at a particular location in a larger conditioned space.

Both the need for and location of the remote sensor should be determined by a heating/cooling professional.

## 2.4 Remote Sensor Wiring Instructions

1. Routing signal wires:

You will be required to supply and route 24 gauge, 4 conductor solid wire (2-line telephone wire) between the DEH 3000R controller and the remote sensor location. • Do not run wires longer than 100 ft.

- The use of 24 gauge wire is optimal. Thinner gauge wire may limit sensor distance. Thicker gauges will not work with splice connectors provided.
- Avoid routing parallel to high voltage wiring.
- Maintain a distance of 2 ft. or more from high voltage lines.
- 2. Sensor connection:

The sensor can be mounted to a wall or ceiling surface. Ideal sensor location is 5 ft. above the floor. Wires should exit through a  $\frac{1}{2}$ " diameter hole in the mounting surface at the mounting location. Use the provided splice



connectors to connect the 4 wires from the remote sensor to the user-supplied interconnect wire. Be sure to keep proper colors attached to each other.

3. Sensor mounting:

You will need two screws to mount the sensor. Use the two slotted holes to mount the base of the sensor to the wall and then snap the cover into place.

4. Controller connection:

Use the provided splice connectors to connect the 4 wires from the DEH 3000R to the user-supplied interconnect wire. Be sure to keep the proper colors attached to each other.

Continue with the installation as described in the rest of this manual.

### 2.5 Control Panel Wiring Instructions

**WARNING!** DO NOT ALLOW THE YELLOW WIRE FROM THE QUEST DEHUMIDIFIER TO CONTACT THE RED OR WHITE WIRES FROM THE QUEST DEHUMIDIFIER, DAMAGE TO THE 24-VOLT TRANSFORMER WILL RESULT.

**WARNING!** THE QUEST DEH 3000R DIGITAL CONTROL OPERATES ON A LOW VOLTAGE CIRCUIT (24 VAC) AND MUST NEVER CONTACT OR BE CONNECTED TO A HIGH VOLTAGE CIRCUIT.

# **WARNING!** UNPLUG THE QUEST DEHUMIDIFIER BEFORE WIRING THE DEH 3000R.

The installer must supply all field wiring, including the wiring between the QUEST dehumidifier and the Quest DEH 3000R. Some of the control wires leaving the QUEST dehumidifier may not be used in some control situations and should be left disconnected with wire nuts taped onto the stripped ends.

Be sure to consult the electrical schematic in this manual or the internal electrical box of the Quest dehumidifier before making any control connections.

**WARNING!** ONLY CONNECT THE WHITE WIRE TO THE CONTROL IF IT IS WIRED IN A CIRCUIT THROUGH AN ELECTRIC DAMPER, OTHERWISE TRANSFORMER DAMAGE MAY RESULT.



The White wire controls the optional motorized damper that can be installed into a fresh air duct. This damper provides the ability to control fresh air ventilation using the ventilation timer function of the Quest DEH 3000R and the terminal

labeled **"DMP"** (See Section 3.8). Leave the **"DMP"** terminal unused if a motorized damper is not used, and cap off the White wire from the Quest dehumidifier.

Standard	wire	colors	for	thermostats	are	as	follows:

Description	Color	Terminal code
24VAC	Red	R
Call for Heat	White	W or W1
Force Fan On	Green	G
Compressor		
Call for Cooling	Yellow	Y or Y1

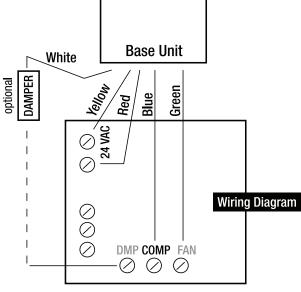
## 2.6 Auxiliary Relay Operation

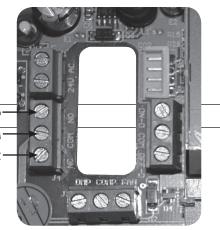
It may be desirable to coordinate fan operation of the central heating/cooling system with dehumidifier operation. The Quest DEH 3000R contains a relay that provides this ability.

The relay terminals labeled NC, COM and NO operate according to the following chart:

DEHUMIDIFIER	COM to NO	COM to NC	
ON	CONNECTED	OPEN	NO-
OFF	OPEN	CONNECTED	сом-

Common uses (assuming standard thermostat wiring colors as noted):







### Lock-out the A/C during dehumidification

This will turn off the A/C whenever the dehumidifier runs.

1. Wire the Yellow thermostat terminal to the NC terminal on the Quest DEH 3000R. The installer must supply the wiring between the Quest dehumidifier and the control panel. Be sure to safely route the control wires to prevent damage during installation. Be careful not to cross the wires when connecting the Quest

dehumidifier and the remote control panel or damage to the transformer may result.

2. Run the Yellow wire from the A/C unit to the COM terminal on the Quest DEH 3000R.

### Energize the A/C central fan during dehumidification

To automatically run the A/C FAN when the dehumidifier runs.

- 1. Attach a second Green wire to the Green fan wire terminal on the thermostat.
- 2. Connect the new Green wire to the COM terminal on the Quest DEH 3000R.
- 3. Run a wire from the Red terminal on the thermostat to the NO (Normally Open) terminal on the Quest DEH 3000R.

# **2.7 Dehumidifier lock-OFF or lock-ON:** A/C sensor feature

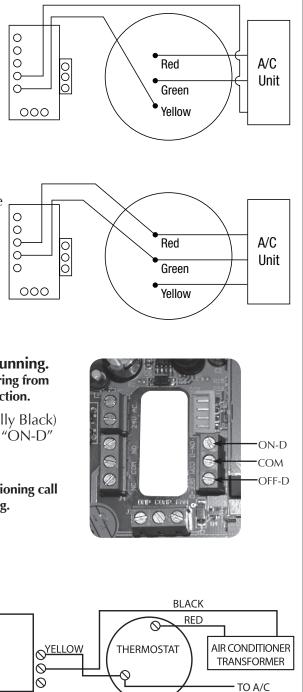
To automatically activate or deactivate the dehumidifier when the air conditioner runs.

Activate dehumidification when the air-conditioner is running. A voltmeter is required for the next steps to ensure the correct wiring from the A/C transformer is used to set up the Lock-in dehumidifier function.

1. The common wire from the existing A/C transformer (usually Black) must be attached to the "COM" sensor terminal between "ON-D" and "OFF-D" on the DEH 3000R.

TIP: The common wire can be identified as the wire from the A/C transformer that reads 0 volts between it and the Yellow air conditioning call for cooling wire. The incorrect wire will give a 20 to 28 volt reading.

2. Another Yellow wire must be added to the thermostat Yellow terminal and run to the **"ON-D"** sensor terminal on the Quest DEH 3000R.



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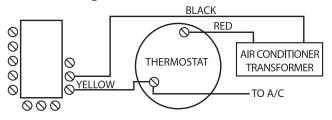
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### Deactivate dehumidification when the air-conditioner is running.

A voltmeter is required for the next steps to ensure the correct wiring from the A/C transformer is used to set up the Lock-out dehumidifier function.

 The common wire from the existing A/C transformer (usually Black) must be attached to the "COM" sensor terminal between "ON-D" and "OFF-D" on the DEH 3000R.

TIP: The common wire can be identified as the wire from the A/C transformer that reads 0 volts between it and the Yellow air conditioning call for cooling wire. The incorrect wire will give a 20 to 28 volt reading.



2. Another Yellow wire must be added to the thermostat Yellow terminal and run to the **"OFF-D"** sensor terminal on the DEH 3000R.

### 2.8 Testing

Verify the wiring connections.

### **WARNING!** ONLY CONNECT THE WHITE WIRE TO THE CONTROL IF IT IS WIRED IN A CIRCUIT THROUGH AN ELECTRIC DAMPER, OTHERWISE TRANSFORMER DAMAGE MAY RESULT.

After checking the wiring, this short test will confirm proper hook-up.

- 1. Install front cover of the Quest DEH 3000R; connect the top first, then the bottom.
- 2. Plug in the QUEST dehumidifier. The Quest DEH 3000R should power up.
- 3. Turn the Quest DEH 3000R ON by pressing the "ON/OFF" button.
- 4. Verify dehumidification operation by adjusting the RH "SETPOINT" to below the "%RH" reading on the display. Use the down "RH" button. Confirm Quest fan and compressor operation. Both should be ON now.

Increase the RH "**SETPOINT**" on the display to well above the "%RH" reading on the display. Press the "RH" up arrow to increase the RH "**SETPOINT**".

After running the dehumidifier compressor the Quest DEH 3000R applies a 10 minute restart lockout on all functions. You will have to wait for the restart lockout to expire.

5. Verify FAN-only operation:

- a. Check the "VENT" mode on the display, it will either be "CLOSED" or "OPEN". If it is "CLOSED" go to the next step. If it is "OPEN", press and hold the "VENT" key until "OPEN" flashes on the display, release the key and then press it one more time. "OPEN" will change to "CLOSED". Don't touch the keys for several seconds until it stops flashing.
- b. Press and hold the "FAN" button until "AUTO" begins flashing on the display, release it, and then press it again to switch the fan to the "ON" setting.
- c. Confirm that the QUEST fan is ON. Quest compressor must be OFF. Ventilation damper (if used) should be CLOSED.
- 6. Verify optional VENT operation (if electric damper is installed):
  - a. Press and hold the "FAN" button until "ON" flashes on the display.
  - b. Release the "FAN" button, then press it again to switch fan operation to "AUTO".



- c. Press and hold the "VENT" button until "CLOSED" flashes on the display.
- d. Release the "VENT" button, then press it again to switch vent mode to "OPEN".
- e. Confirm that the Quest fan is ON. Ventilation damper is OPEN. QUEST compressor must be OFF.
- f. Press and hold the "VENT" button until the "OPEN" flashes on the display.
- g. Release the "VENT" button, then press it again to switch vent mode to "CLOSED".

#### Troubleshooting:

If any functions are not working properly, check the wiring and connections. A voltmeter may be used across terminals to verify voltage. If there is concern about the dehumidifier not operating properly, the leads exiting the QUEST dehumidifier may be connected according to the following chart:

Wire connections	Operation
Yellow & Blue	Fan & Compressor
Yellow & Green	Fan Only

# **WARNING!** DO NOT MAKE ANY OTHER CONNECTIONS OR TRANSFORMER DAMAGE MAY RESULT.

7. Verify any additional optional control operations such as fan interlock or A/C lockout.

8. Proceed to the Operation section.

## FOR INSTALLER & OWNER:

### 3. Operation

On the display screen, a solid "**O**" in front of any of the 3 functions (SETPOINT, VENT, FAN) indicates the function is operating. A flashing "**O**" indicates it is in a wait mode and not available at the moment. No "**O**" indicates the function is currently OFF.

Solid "O" before	Indicates
SETPOINT	Dehumidifier on
VENT	Fresh air ventilation cycle in progress
FAN	Fan on

Wait mode is a factory-programmed time period meant to prevent short cycles. This extends the life of the dehumidifier. When a flashing "O" is encountered, the unit is in wait mode and **IT COULD BE UP TO 10 MINUTES BEFORE OPERATION RESUMES.** 

### 3.1 Display

- Whenever there is power to the control, it will display the time, the day, % relative humidity, and temperature.
- When the control is actually switched ON, the %RH setpoint, fan status, run mode (program or hold), and fresh air ventilation status is displayed.
- When a key is pressed the display will light for approximately 1/2 a minute.
- The Time and Day is displayed at the top of the screen.



Quest DEH 3000R

- RH and Temperature are displayed in real time.
- A solid "**O**" before the SET POINT, VENT, OR FAN indicates the function is operating.
- A flashing "**O**" before the SET POINT, VENT, OR FAN indicates the unit is in wait mode.

## 3.2 Setting

During the set-up process, if you make a mistake, simply continue. You can always go back to adjust the settings. If you leave the control alone and don't touch any buttons for 10 seconds, the control will remember any changes made and return to the normal display screen, allowing you to proceed to the next step.

# 3.3 Personal Settings reference list

Please record your settings here.

Function	Factory setting	My Setting
SETPOINT (%RH)	50%	
VENT	Closed	
FAN	Auto	
TEMP CUTOUT	99°	

# 3.4 On/Off and display items

Press the "ON/OFF" button to turn the system ON or OFF.

When the system is ON, the setpoint, fan status, operation mode (RUN or HOLD), and fresh air vent status is displayed.

When the system is OFF, the control will display the time, day, %RH, and temperature.

When the unit is shipped, it is in manual (hold) mode.

# 3.5 Setting Clock Time

- 1. Press and hold the "**CLOCK**" button. The hour display will flash. Release the button.
- 2. Use the up/down "**RH**" buttons to change the value.
- 3. Press the "**CLOCK**" button again and the minute display will flash. Use the "**RH**" buttons to change the value.
- 4. Press the "CLOCK" button again and AM or PM will flash. Use the "RH" buttons to change the value.
- 5. Press the "CLOCK" button again and the day display will flash. Use the "RH" buttons to change the value.
- 6. Don't touch any buttons for several seconds until the display stops flashing, this will save your settings. If you need to change anything go back to step #1.



### DEH 3000 Switched ON



7:42PM MONDAY

15 - 05

AUTO RUN

• SETPOINT: 49%

o UENT: o FAN:

DEH 3000 Switched OFF



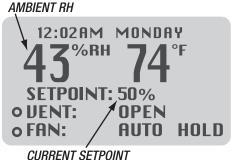
### 3.6 Adjusting the relative humidity "SETPOINT"

The Quest DEH 3000R senses the ambient relative humidity (%RH) of the space in which it is located, it comes factory preset to hold 50% relative humidity.

The relative humidity "**SETPOINT**" (desired RH to be maintained) operates the dehumidifier function of the Quest dehumidifier. It has no effect on the optional VENT (fresh air ventilation) or FAN ( air recirculation) functions if they are being used.

### Operation

The standard range that the dehumidifier holds around your "**SETPOINT**" is 3%. With a setpoint of 50%, the dehumidifier will run until the relative humidity reaches 47%. The dehumidifier will then switch off until the relative humidity reaches 53%.



If the setpoint is higher than the ambient relative humidity, the space does not need to be dehumidified so the dehumidifier will not run.

Example: Setpoint: 50% RH

Current condition: 45% RH – The dehumidifier will be off (no "O" indicator will be displayed).

If your setpoint is below the ambient condition, the dehumidifier will be on and "O" will display.

Example: Setpoint: 50% RH

Current condition: 55% RH – The dehumidifier will be on ("O" displayed).

## 3.7 Fan Setting and Operation

Use the "FAN" button to change the fan operation. There are 2 choices for fan operation: "ON" or "AUTO". The factory preset is "AUTO".

"**ON**" – The fan in the Quest dehumidifier will run continuously. This does not affect either the dehumidification or ventilation functions of the system. The system may or may not be ventilating or dehumidifying while the fan is running. This setting is commonly used for maximum air filtration and/or air recirculation.

"AUTO" – Indicates the fan will run when the Quest DEH 3000R calls for dehumidification or ventilation. If the control has not called for dehumidification for 3 hours, the control will automatically run the dehumidifier fan for 10 minutes.

After a dehumidification cycle, the fan automatically shuts off for 10 minutes. This pause allows the water to drain from the dehumidifier.

A solid "**O**" indicates the fan is operating. A flashing "**O**" indicates the fan is in a wait mode. No "**O**" indicates the fan is OFF.

To set the operation:

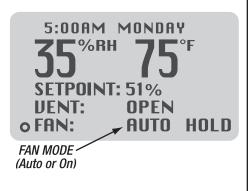
1. Press and hold the "**FAN**" button. The current fan setting will begin to flash on the display. Release the button.

2. Press the "FAN" button to toggle between the "ON" and "AUTO" modes.

With the fan in the "AUTO" mode, the fan will operate only when needed by other functions of the system. The fan will remain OFF unless the system is dehumidifying or ventilating. The fan always runs during dehumidification and ventilation and the fan "O" icon will be lit. To completely turn the system OFF, use the "ON/OFF" button as described earlier.







### 3.8 Damper Operation and Ventilation, Manual (Hold) Mode

The "VENT" setting controls the ventilation function of the system. It has no control over the dehumidification function. In order to provide ventilation, the motorized damper must be open and the fan must be running. The controller takes care of these two functions automatically so that whenever the damper is open, the fan is running.

The ventilation indicator "O" will be displayed whenever the unit is ventilating. The fan operation indicator "O" will also be lit.

There are three damper operation modes:

- 1. "OPEN" hold mode: The damper will be open and the dehumidifier fan will be continuously operating to introduce fresh air into the space. Use this mode for continuous fresh air ventilation. The fan is always on when the damper is open.
- 2. "CLOSED" hold mode: The damper will never open, and the dehumidifier will not ventilate. The fan will still operate normally for recirculation and dehumidification.
- 3. "PROGRAMMED" mode: The Quest DEH 3000R will operate the motorized damper and the dehumidifier fan according to the programmed ventilation schedule (Section 3.9).

The factory preset for the "VENT" setting is "CLOSED".

To set "**OPEN**" – hold or "**CLOSED**" – hold ventilation operation:

- 1. Press the "VENT" button. The current setting will begin to flash on the display. Release the button.
- 2. Press the "VENT" button again to switch between "OPEN" and "CLOSED".
- 3. Leave the control alone for 10 seconds and your settings will be saved.



### Damper Operation and Ventilation, Programmed Ventilation

This example shows the system in program mode (denoted by the schedule 15 minutes on, 5 minutes off and the word RUN in the lower right corner of the display).

The Quest DEH 3000R will operate fresh air ventilation according to your ventilation program. The control needs to be programmed to turn the ventilation function ON and OFF at the desired intervals. This is done by programming the ventilation timer.

There are two programs available for ventilation:

1. Monday through Sunday

2. Monday through Friday & Saturday/Sunday

Each block of days has a morning schedule and a night schedule. Morning is the first 12 hours of the day and night is the second 12 hours.

Each schedule has:

- A "START" time when the ventilation schedule begins,
- An "OPEN FOR" duration for the amount of time the damper stays open in 5 minute intervals, from 0 to 60,

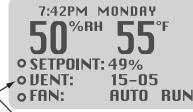
• And "CLOSED FOR" duration which closes the damper for a specified time in 5 minute intervals from 0 to 60.



7:42PM MONDAY

This example shows the damper in "PROGRAM" mode

(denoted by the schedule 15 minutes on, 5 minutes off).



The status of the damper is show here.

• is open, blank is closed.

#### Setting the Ventilation Program:

1. Press the "**PROGRAM ENTER**" button until the following menu appears:

### PROGRAM

HOLD RUN PROGRAM PROGRAM TEMP CUTOUT EXIT

2. Using the up/down "RH" buttons, highlight "**PROGRAM**" and select it by pressing the "**PROGRAM ENTER**" button. The following menu appears:

### PROGRAM

MON-FRI SAT-SUN MON-SUN EXIT

You can select from:

"MON-FRI" "SAT-SUN" for separate weekday and weekend schedules, or "MON-SUN" which gives you equal weekday and weekend schedules.

3. Using the Up/Down "**RH**" buttons, highlight and then select one of the two choices. The example given shows how to program separate weekday and weekend schedules. The same method is used if you choose the other program.

Example: menu when you select "MON-FRI" "SAT-SUN":

PROGRAM	
MON-FRI Day start	8:00AM
UENT: OPEN FOR: CLOSED FOR:	15 15

- 1. Enter the starting time for weekdays using the up/down "RH" buttons to change the time.
- 2. Press the "**PROGRAM ENTER**" button to switch to the "**OPEN FOR**" setting. Using the up/down "RH" buttons, change the duration that the damper will ventilate fresh air.
- 3. Press the "**PROGRAM ENTER**" button to switch to the "**CLOSED FOR**" setting. Using the up/down "**RH**" buttons, change the duration that the damper will remain closed between ventilation cycles.

For the example given, starting at 8:00AM in the morning, the control will ventilate fresh air for 15 minutes then stop for 15 minutes. This schedule of 15 minutes open, 15 minutes closed will continue until the start time of the night schedule.

Morning schedule is available anytime from 12:00AM until 11:59AM.

Night schedule is available anytime from 12:00PM until 11:59PM.

4. Press "**PROGRAM ENTER**" again to go to the "**MON-FRI**" night schedule. Repeat the steps listed above for this and the "**SAT-SUN**" day and night schedules.



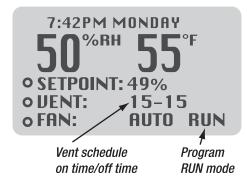
When you have finished programming your schedule (either the 7-day version or the weekday/weekend split version), use the down "**RH**" button to highlight the EXIT option and then press "**PROGRAM ENTER**" to select it.

Running the Ventilation Program

Press and hold the "PROGRAM ENTER" button until the "PROGRAM" screen appears.

Use the down "RH" button to highlight "RUN PROGRAM":

Then press "PROGRAM ENTER" to select it. The display will appear as follows:



### 3.9 Temperature Cutout Programming

Dehumidifiers produce heat when dehumidifying and depending upon outside conditions, the ventilation function may also introduce warm air. Some conditions may introduce enough heat to drive temperatures up. The Quest DEH 3000R temperature cutout feature disables all Quest operations if temperatures reach the cutout setpoint.

In most installations this feature will not need to be used (the cutout is factory set to 99°F). If a lower temperature cutout is desired, program the setpoint by pressing and holding the "**PROGRAM ENTER**" button until the "**PROGRAM**" screen appears. Press the up/down "RH" buttons until "**TEMP CUTOUT**" highlighted. Then press the "**PROGRAM ENTER**" button again to select it. Now use the "**RH**" up or "**RH**" down buttons to adjust the setpoint. Press "**PROGRAM ENTER**" to return to the home screen.



### WARRANTOR:

Therma-Stor LLC 4201 Lien Rd Madison, WI 53704 Telephone: 1-800-533-7533

**WHO IS COVERED:** This warranty extends only to the original residential end-user of the Quest DEH 3000R Dehumidifier & Ventilation System Controller, and may not be assigned or transferred.

**FIRST YEAR WARRANTY:** Therma-Stor LLC warrants that, for one (1) year the Quest DEH 3000R Dehumidifier & Ventilation System Controller 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.

**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 only applies to residential applications and 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 DEH 3000R Dehumidifier & Ventilation System Controller 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 DEH 3000R Dehumidifier & Ventilation System Controller is out of service while awaiting covered warranty service).

UPON THE EXPIRATION OF THE WRITTEN WARRANTY APPLICABLE TO THE Quest DEH 3000R Dehumidifier & Ventilation System Controller 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 DEH 3000R Dehumidifier & Ventilation System Controller 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 limitation 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.

