## Quest 506 208/230v (R454B) Function Check SERVICE DOCUMENT



Quest 506 208/230v: #4036600

## NOTE:

Please perform the following function test before submitting a warranty claim.

## **FUNCTION TEST:**

- 1. Remove any exterior controls wired to the terminal block.
  - A. Exterior controls are often the cause of improper dehumidifier function.

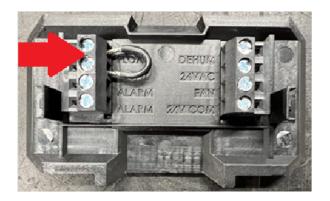






2. Install jumper wire between float terminals and reinstall terminal block back into the unit.







3. Plug unit into a known good power outlet. Power should be between 208 – 240 volts. Check circuit breaker is not tripped.











4. Press power button to turn unit on if not already.



5. Make sure Terminal control light is **NOT** illuminated. Press Terminal Control button to change.









6. Press down arrow until display reads On.



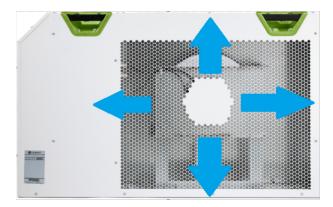








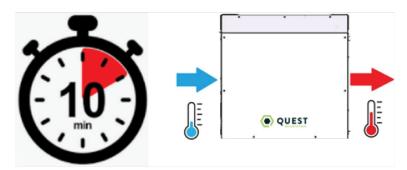
7. Fan should come on. Feel airflow at exhaust grill.



8. Wait 1 minute to hear compressor come on. Slight hum or vibration.



9. Run the unit for 10 minutes and then compare the intake (blue arrow) and exhaust (red arrow) temperatures. The temperature difference of the air coming out should be 10°F to 25°F higher.



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10. Look for an error code on the display. Will start with an E then a number.



11. If the unit passes this function test then the unit is working correctly. If further assistance is required, please contact the Quest Service Department. Please have the serial number and above function test performed. Our Service Team will be happy to help you with diagnosing problems, repair solutions and obtaining parts.

Service Department: Service@questclimate.com
Parts Department: Parts@questclimate.com
Parts & Service Department: 877-420-1330