

XT Platform Defrost Upgrade

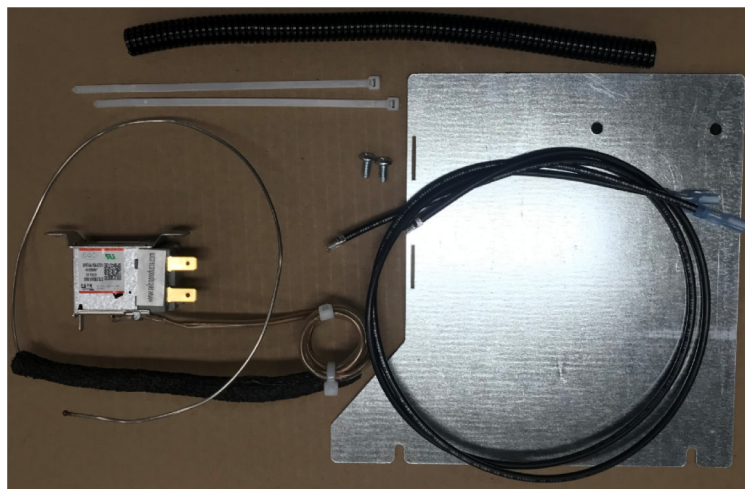
SERVICE DOCUMENT



Quest Dual 105: #4032270
Quest Dual 155: #4031490
Quest Dual 155 - 50hz: #4037400-XX
Quest Dual 165: #4037410
Quest Dual 205: #4033060
Quest Dual 225: #4035400

PARTS:

- 1 - 4041848 Defrost probe (formed)
- 1 - 4036605 3/8 Loom 12"
- 2 - 1198264 screws
- 2 - 1979001 small cable ties
- 2 - 4036343 - 25" wire
- 1 - 4031499 Compressor panel (pre-drilled)



TOOLS:

- 5/16 hex nut driver
- Wire cutter
- Phillips head screwdriver
- Flat head screwdriver

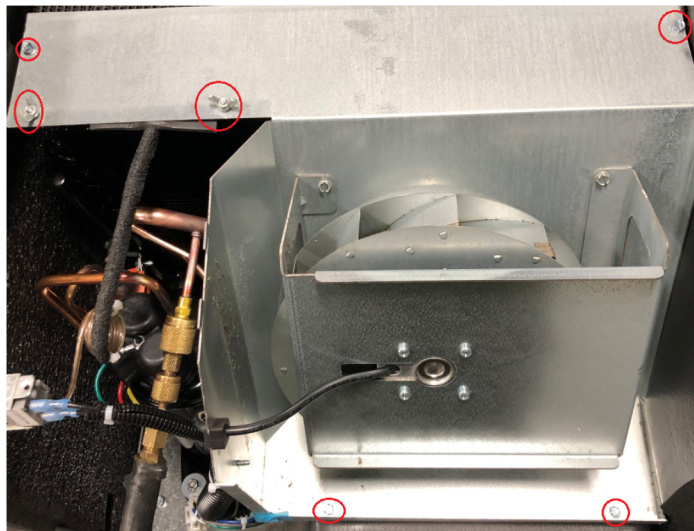
DIRECTIONS:

- Unplug unit from power source.
- Remove black knob by prying up on the backside with flat head screwdriver.
- Not all units will have this knob
- Remove the white electrical box cover using 5/16 nut driver.
- Remove angled back panel by using 5/16 nut driver.
- Remove top panel by using 5/16 nut driver.

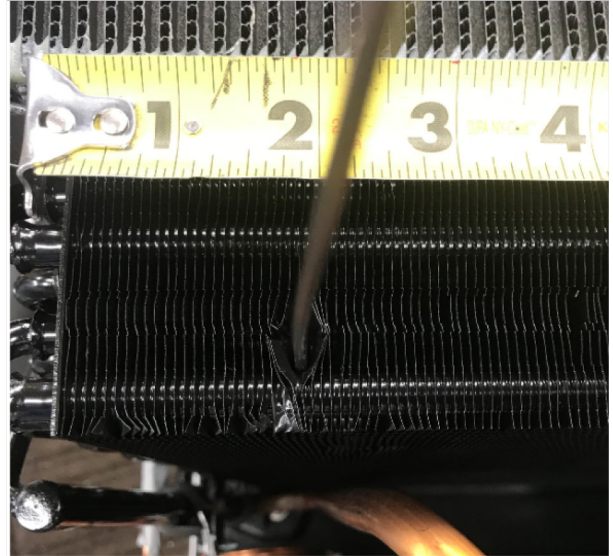
See red circles for screws to remove



- Remove compressor cover panel by unscrewing 2 wingnuts. Discard panel.
- Remove screws that hold in fan assembly.



- Straighten Defrost control probe as shown below.
- Pull back fan assembly and insert formed defrost control probe into the coil at measured location. See picture:
 - 2 inches over and between last two rungs of the coil.



- Cut the 2 black wires close to the old defrost t-stat. Leave old defrost in place.



- Locate wires with gold flag terminals in control area, unplug and remove wires from electrical box.
 - These will be in different locations depending on unit age and model number.
- Install 2 new wires in electrical box at location of old wires. Route wires thru hole in electrical box.
- Reinstall fan assembly screws.
- Install new compressor cover panel using wing nuts.
- Install defrost t-stat under compressor cover using Phillips screws.



- Connect defrost terminals to 2 new black wires.
- Wrap black wires in protective loom and secure out of the way.



- Make sure defrost probe is moved away from touching/rubbing on copper tubes or other electrical components.
- Reinstall top panel
- Reinstall Angled rear panel
- Reinstall electrical box cover panel
- Reinstall black knob.
- Turn unit on and run test for function.

Have Questions? Contact the Quest service department at **877-420-1330** or **service@questclimate.com**