

PINNACLE DRYER CORPORATION

Model #PDC-R10

TROUBLESHOOTER CHECKLIST

If machine does not operate when hands are inserted:

1. Check panel box
2. Check for power to Printed Circuit Board

If machine continues to operate after turning power switch to off:

1. Replace switch

If machine operates but does not get hot:

1. Replace heating element

If machine makes humming noise but does not operate:

1. Replace motor

PARTS REPLACEMENT INSTRUCTIONS

To Replace Printed Circuit Board, Heating Element, Impeller Wheel, or Motor

1. Turn machine off at switch
2. Disconnect wires from printed circuit board
3. If problem is Printed Circuit Board, remove #6/32 Hex Machine Screw nuts, replace defective Board and continue to step 18. If problem is Heating Element, Impeller Wheel or Motor, continue to step 4.
4. Remove #6/32 Hex Machine Screw Nuts holding motor, fan housing & drying chamber in place
5. Carefully remove housing & drying chamber from recess box
6. Remove #6/32 Phillips Pan head machine screws & fan housing cover
7. If problem is heating element, replace defective heating element and go to step 16. If problem is motor and/or impeller wheel, continue to step 8.
8. Remove inlet ring on right side of fan housing with #2 Philips head screwdriver.
9. Loosen and remove impeller wheel from motor shaft by turning the set screw counter clockwise with a 1/8" Allen Wrench and sliding off through hole in right side fan housing
10. If the motor needs replacing, remove #1 Philips head screws holding motor to fan housing
11. Remove #1 Philips head screws holding motor to bracket
12. Attach new motor to bracket using two #4 x 3/8" Philips Pan head self-tapping screws
13. Fit motor in place on left side fan housing and attach using two #4 x 3/8 "Philips Pan head self-tapping screws



330 FIELDS DRIVE - ABERDEEN, NC 28315 - TEL : 910.944.2117 or 800.943.7937 - FAX : 910.944.9430

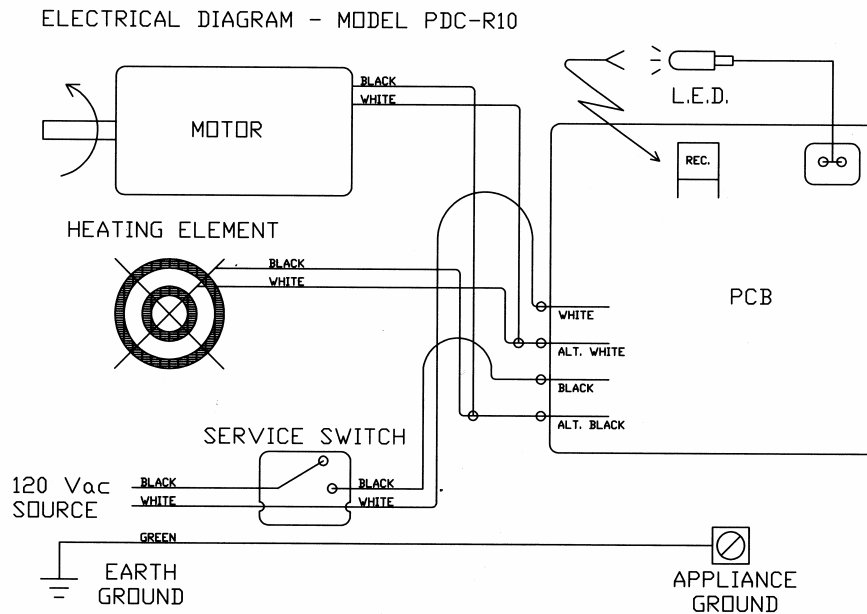


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PARTS REPLACEMENT INSTRUCTIONS (CONT.)

14. Slide impeller wheel through right side opening in fan housing onto motor shaft and tighten
15. Replace inlet ring
16. Replace fan housing cover
17. Carefully place fan housing and drying chamber back in recess box, making sure no wires are caught underneath, and secure with #6/32 Hex Machine Screw Nuts. **NOTE: Before putting housing and drying chamber back in box, it is best to disconnect the LED wire from the circuit board and lay over the outside of the box and then slide the LED wire under the fan housing to avoid breaking the wire.**
18. Reconnect to printed circuit board (see electrical diagram)
19. Turn power switch on and replace outside cover, making sure lips in cover opening are over drying chamber and secure with ¼" x 20 x 1" flat socket cap screws (vandal resistant torx w/pin.)
20. Cover LED lens to ensure machine operates properly



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