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INSTALLATION INSTRUCTIONS FOR NT MOTOR KITS 521137 and 521138

NOTE: Kit 521137 is only applicable to model NT-30
Kit 521138 is only applicable to models NT-34 and NT-40

WARNING! Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Refer to the installation instructions and/or owners manual provided with your appliance. The removal and re-installation of the appliance as well as the installation of component parts must be made by a qualified installer, service agency or the gas supplier.

WARNING! Installation of this appliance must be made in accordance with the written instructions provided in the manual. No agent, representative or employee of Airxcel, Inc., Suburban Division or other person has the authority to change, modify, or waive any provision of the instructions contained in the manual or instruction sheet.

TO INSTALL REPLACEMENT MOTOR

1. Remove (2) screws securing cabinet front.
2. Remove (2) screws securing unit within cabinet. Slide unit out of cabinet.
3. Retain and note location removed from for all screws and gaskets. The screws and gaskets will be reused.
4. Remove manifold assembly by removing (2) screws at valve bracket and (4) screws from manifold plate at inlet end of chamber.
5. Remove (9) screws securing combustion air housing front half and (1) clip at bottom of combustion air housing.
6. Loosen set screw and remove combustion air wheel.
7. Remove (2) screws at base of rear half of combustion air housing which secure crossover tube to back side of combustion air housing.
8. Remove (3) screws securing motor cover to room air housing.
9. Remove motor cover.
10. Clip wire tie.
11. Remove (3) 5/16 hex head screws securing motor brackets to room air housing.
12. Remove (4) screws securing room air housing.
13. With room air housing removed access set screw securing room air wheel and remove.
14. Disconnect black and red wire leads.
15. Remove the gasket on motor and retain. Discard brackets.
16. Using the motor supplied reassemble.
17. Reinstall room air wheel onto motor shaft. Insure the room air wheel is located so that it will not rub room air housing.
18. Secure motor brackets with (3) 5/16 hex head screws.
19. Secure black and red wire from motor with wire tie to bracket to insure the wires do not contact room air wheel.
20. Place gasket removed from motor back into position around motor.
21. Reinstall room air housing.
22. Reinstall combustion air housing over intake tube. Insure blue gasket is retained between rear half of combustion air housing and intake tube.
23. Secure (3) screws to secure motor cover to motor brackets.
24. Reconnect black and red wires.
25. Reinstall combustion air wheel. Set wheel even with motor shaft. Check to make sure it does not rub combustion air housing. Adjust if needed.
26. Reinstall (9) screws to secure combustion air housing front half and (1) clip at bottom of combustion air housing.
27. Reinstall manifold using (4) screws to secure manifold plate to inlet end of chamber.
28. Secure valve bracket using (2) screws.
29. Reinstall the unit into cabinet. Secure within cabinet using (2) screws.
30. Secure cabinet front with (2) Screws.
31. Leak check all gas fittings with a leak check solution checking for bubbles. Correct any gas leaks immediately.