



J/B/G-0600 COMPRESSOR REPLACEMENT Installation Instructions

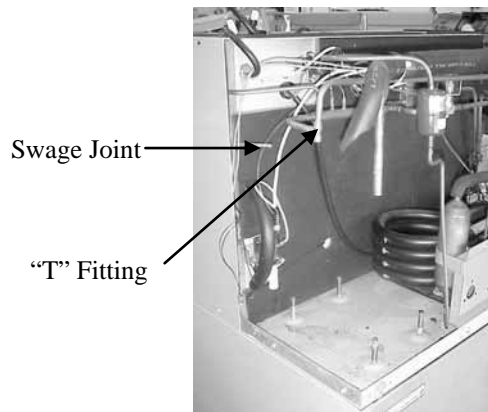
NOTE: THIS REPLACEMENT IS ONLY FOR THE J, B, AND G-SERIES ICE MACHINES. START AND RUN COMPONENT CHANGES VARY WITH THE TYPE OF MACHINE. FOR J-SERIES MACHINES ONLY, THE RUN CAPACITOR NEEDS TO BE REPLACED WITH THE ONE INCLUDED IN THE KIT. B AND G-SERIES MACHINES NEED ALL OF THE START AND RUN COMPONENTS REPLACED WITH THE ONES INCLUDED IN THE KIT.

1. Disconnect power to the ice machine at the electrical disconnect (moving the toggle switch to the off position will not disconnect line voltage).
2. Remove panels (top, front, left and right sides).
3. Recover refrigerant from ice machine.
4. Remove right side corner post (when facing the front of the machine) and back panel.



6. Unsweat suction line at compressor port. Unsweat discharge and process lines at the T fitting and swage joint (or after "T" fitting, if remote) respectively.

NOTE: IF REPLACING COMPRESSOR IN A REMOTE ICE MACHINE, BE SURE TO UNSWEAT THE CONNECTION BETWEEN THE HPR VALVE AND THE PROCESS TUBING AT THE "T" FITTING.



5. Remove wiring from compressor terminals.

7. Remove compressor from machine. Make sure to crimp and braise shut ports to compressor.
8. Insert new compressor into the machine, as shown.



9. Fit tubing provided into the proper place, as shown. Cut ice machine suction line to fit new tubing. Deburr suction line before fitting new tubing in.



NOTE: IF REPLACING COMPRESSOR INTO A REMOTE ICE MACHINE, MAKE SURE TO FIRST FOLLOW INSTRUCTIONS A, B, AND C BELOW, BEFORE PROCEEDING TO INSTRUCTION #10.

- A. Replace elbow with "T" fitting.



- B. Replace HPR valve and L-shaped tube that was removed earlier. Adjust to fit without rubbing against any other parts of the machine.



- C. Return to instruction #10.

10. Place armaflex insulation provided in kit on suction line, as shown in picture below. Slide insulation up tubing and secure while brazing.



11. Braze all tubing into place. Purge system with nitrogen during all brazing operations on the ice machine.

12. Use electrical tape to seal suction line insulation.



13. Reattach the wiring harness to the compressor.



14. Replace the filter/dryer before evacuating the machine. Make sure that the filter/dryer tubing is not rubbing against the compressor.

15. Evacuate machine to 500 microns.

16. Charge the machine with the nameplate charge.

17. Make sure that all the tubing is not rubbing against anything else in the machine.
18. Reinstall the corner post that was removed earlier and place electrical cover on compressor.
19. Reinstall back panels of ice machine.



20. Make sure to replace start and run components according to the machine you are replacing the compressor in. See note in the beginning of instructions for designation.
21. Reinstall all other panels.
22. Reconnect power and test run ice machine.