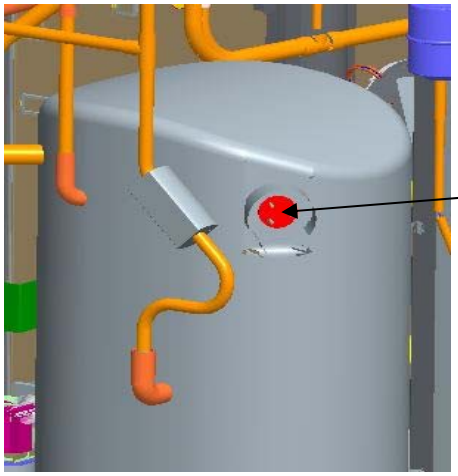
# S0850 and I0850 SERIES COMPRESSOR REPLACEMENT

1. Disconnect the power to the ice machine at the electrical panel. (moving the toggle switch to the off position will not disconnect line voltage).
2. Remove all the panels (top, front left, and right sides).
3. Recover all refrigerant from the ice machine.
4. Remove the right rear corner post on the I and S series models remove right rear back panel and top rail.

Note:
**(**Orientation is done while facing the front of the ice machine)

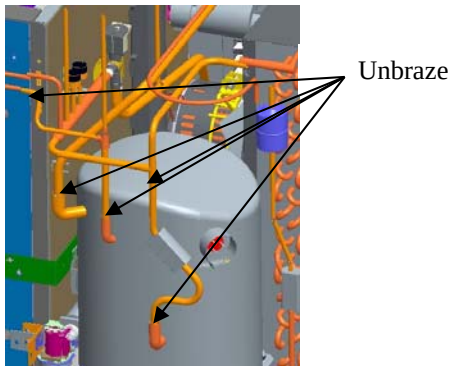


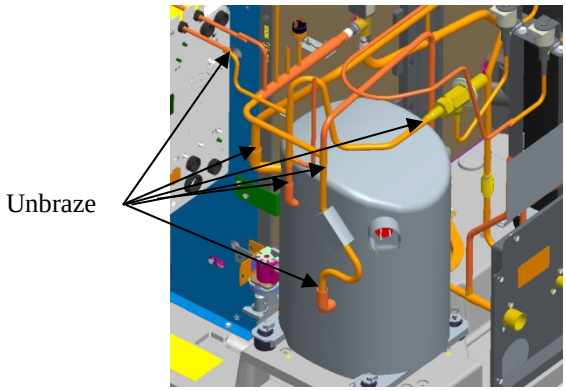
5. Remove the wiring or plug from the compressor terminals.




6. Unbraze the suction line at the compressor port. Unbraze the discharge and process ports at the compressor. Unbraze the access tube at the access valve. Unbraze the joint at the tee from the discharge tube.

**Note: When replacing a compressor in a Remote Ice Machine; be sure to unbraze the outlet connections at the HPR valve, compressor process port replace the filter drier**.

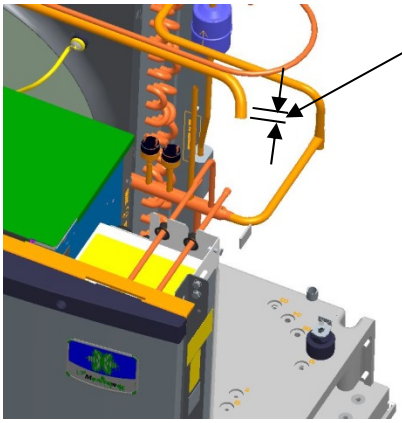


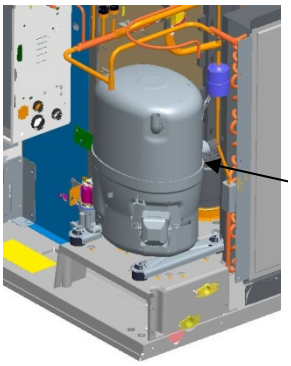

7. Remove the compressor from the ice machine. Make sure compressor ports are crimped and brazed shut.

# S0850 and I0850 SERIES COMPRESSOR REPLACEMENT

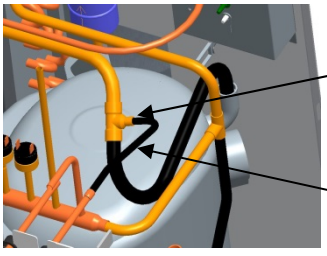
9. Cut ½ OD suction about 1 inch from radius tangent as shown.



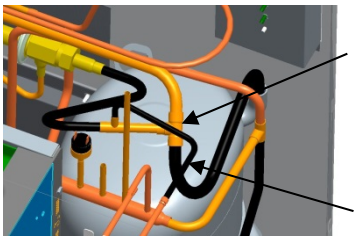

10. Insert the NEW compressor into the Ice Machine, and position the compressor as shown.



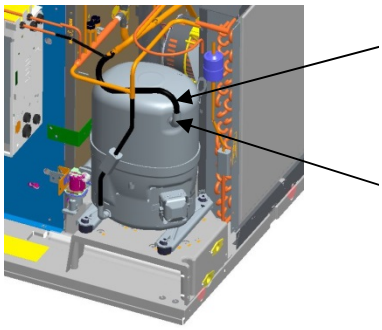

A. Replace the tubing with tubing supplied with the kit.
Insert 1/2 OD suction tube and 1/2 X 1/2 X 1/4 tee to the cut suction tube for **Air and Water** Ice Machines.
Insert 1/2 OD suction tube and 1/2 X 1/2 X 3/8 tee to the cut suction tube for **Remote** Ice Machines.
Adjust the tubing to fit without rubbing against compressor any other tubing or any parts of the ice machine



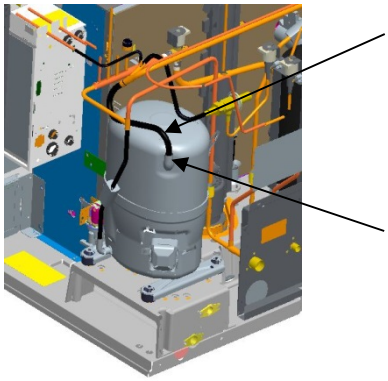

**Air and Water** Ice Machines




**Remote** Ice Machines



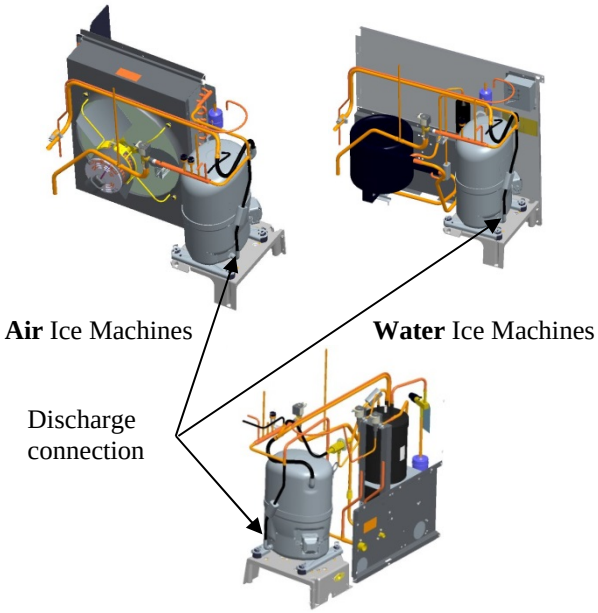

**Air and Water** Ice Machines




**Remote** Ice Machines

## S0850 and I0850 SERIES COMPRESSOR REPLACEMENT

11. Purge the system with nitrogen before and during all brazing operations.




12. Shape 1/4 OD and 3/8 OD tubing per condensing option as shown in Note 11. Shape the 1/4 OD tubing from suction tee to access valve, and the 3/8 OD tubing from the tee off the manifold to the discharge port of the compressor, and secure in place while brazing the joints.
13. Replace the filter drier before evacuating the refrigeration system of the ice machine. Insure the filter dryer tubing is not rubbing against the compressor.
    **Braze all tubing into place**.
14. Evacuate to 500 microns minimum. Insure that all the tubing is not rubbing against anything in the ice machine.
15. Reinstall the corner post and then the top rail.
16. Be sure to replace the run capacitor supplied with compressor kit.
17. Weigh in correct refrigerant charge from the nameplate found on the back of the ice machine.
18. Reconnect the compressor with the wiring harness supplied within the kit.
19. Reinstall all the other remaining outer panels.
20. Reconnect the power and turn on power switch. Test and run the ice machine.