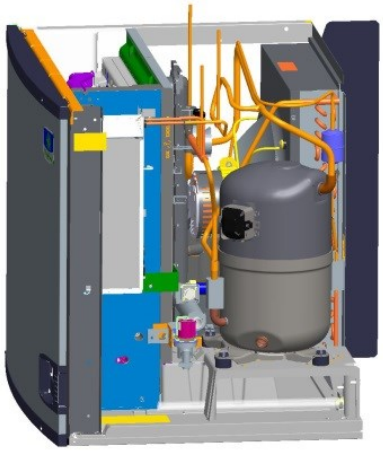
# COMPRESSOR REPLACEMENT

## I1000 SERIES

1. Disconnect the power to the ice machine at the electrical panel. (pushing the power button 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, right rear back panel and top rail.

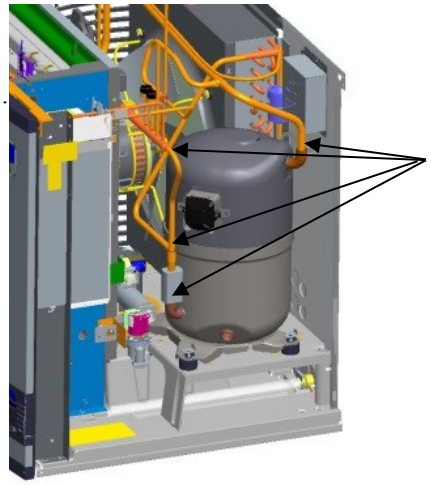
Note:
(Orientation is done while facing the front of the ice machine)



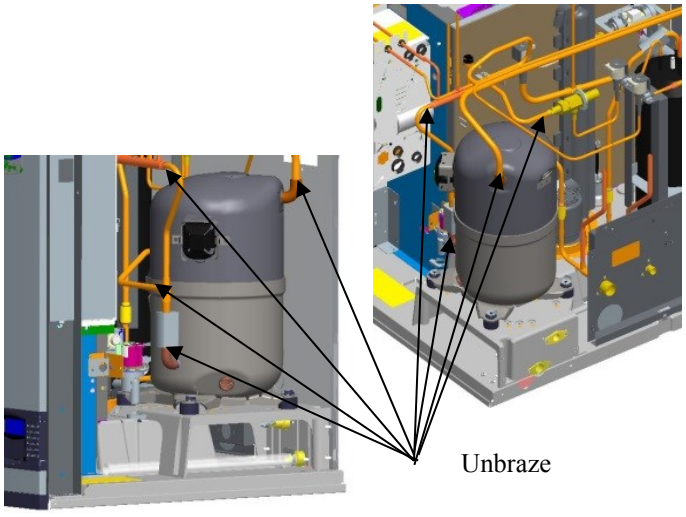
5. Remove the wiring or plug from the compressor terminals.




6. Unbraze the suction line at the compressor port. Unbraze the discharge port at the compressor.
Unbraze the joint at the tee from the discharge tube.
Unbraze the joint at the discharge tube at the manifold strainer.




**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**

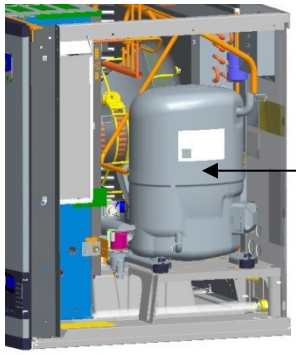



7. Remove the compressor from the ice machine. Make sure compressor ports are crimped and brazed shut.

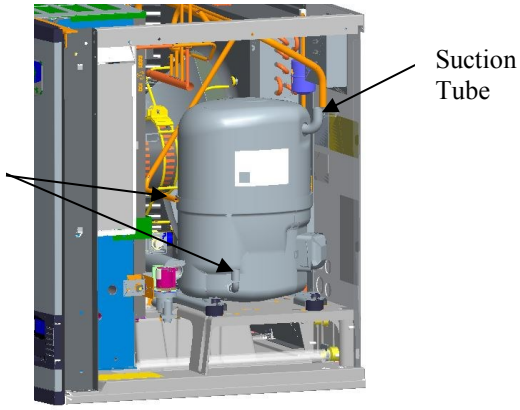
# COMPRESSOR REPLACEMENT

## I1000 SERIES

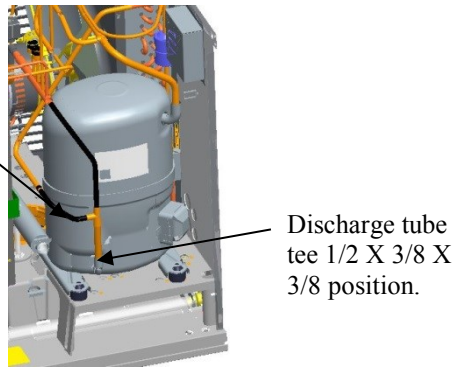
9. Insert the NEW compressor into the Ice Machine, and Position the compressor as shown.



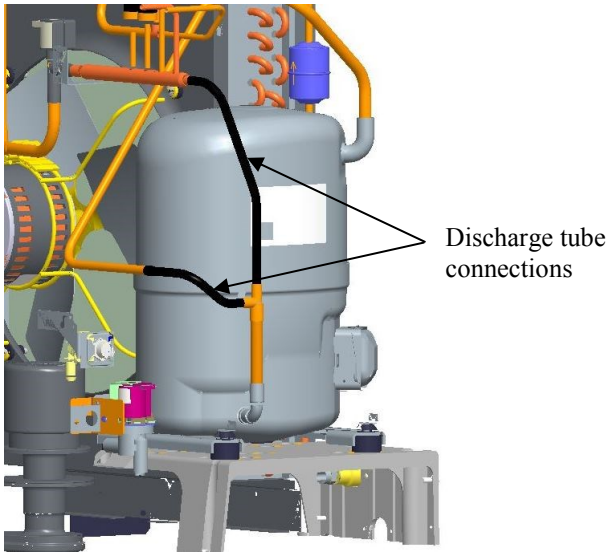

10. Bend the suction tube into the suction port of the compressor and bend discharge tube to clear the compressor




A Replace the tubing with tubing supplied with the kit. Insert 1/2 OD discharge tube into the discharge port of the compressor. Insert 1/2 X 3/8 X 3/8 tee onto the 1/2 OD discharge tube, connect the 3/8 tube into the tee and manifold insert the discharge tube into the tee, and swaged discharge tube. **Adjust the tubing to fit without rubbing any other tubing or parts of the ice machine.** Insure that the thermistor is replaced on the1/2 OD discharge tube along the clip and the thermistor boot supplied in the kit.




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




**I1000 Air, Water, & Remote** Ice Machines

12. Position the tubing from the kit as shown above.
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. Secure in place while brazing the joints.
    **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 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.

## COMPRESSOR REPLACEMENT

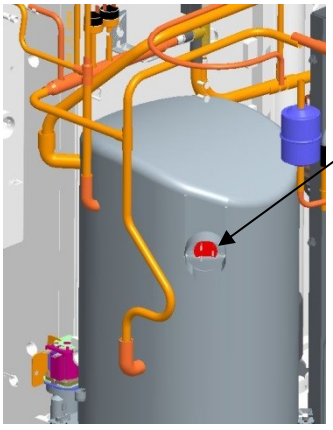
## S1000 SERIES

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 remove right rear back panel and top rail.

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

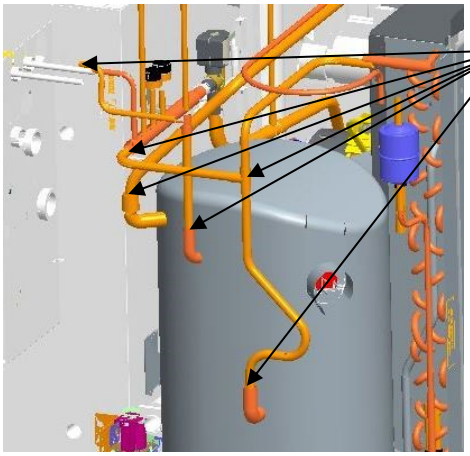


5. Remove the wiring or plug from the compressor terminals.

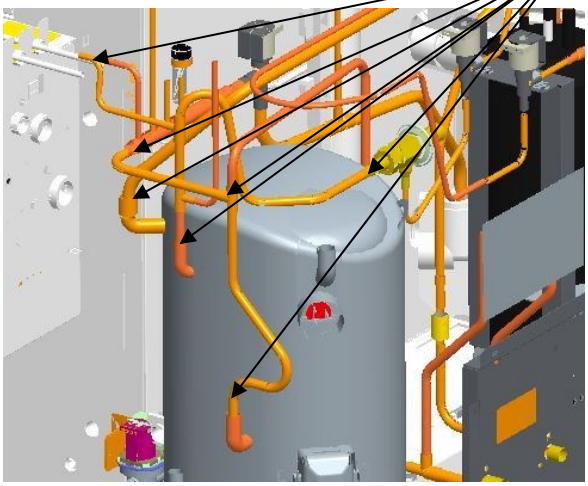



6. Unbraze the suction line at the compressor port. Unbraze the discharge and process port at the compressor. Unbraze the access tube at the access valve. Unbraze the joint at the tee from the discharge tube.

**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.**




**AIR and Water Ice Machines**



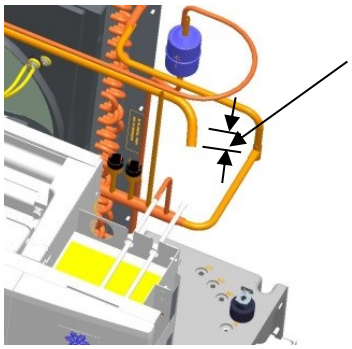

**Remote Ice Machines**

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

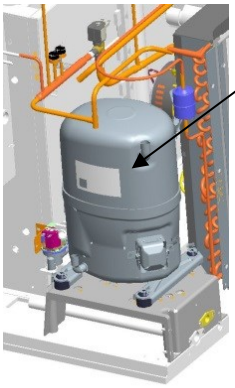
## COMPRESSOR REPLACEMENT

## S1000 SERIES

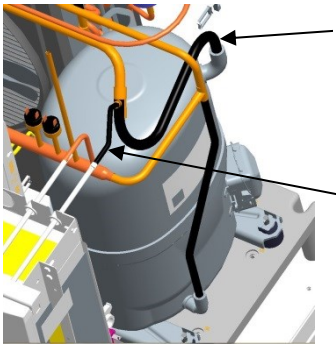
9. Cut 1/2 OD suction about 1” inch from the radius tangent as shown.



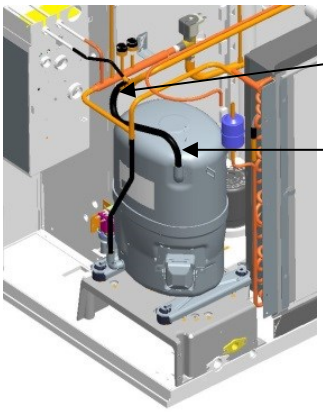

10. Insert the **NEW** compressor into the Ice Machine, and position the compressor as shown.



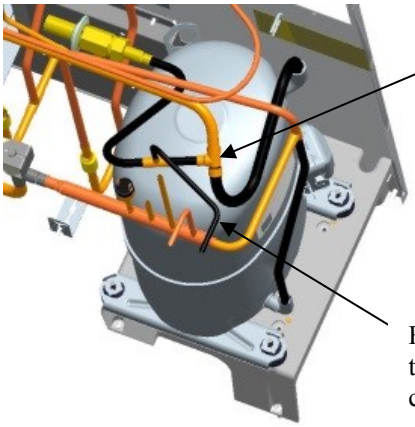

A. Replace the tubing with tubing supplied with the kit.
Insert 1/2 OD suction tube and 1/2 X 1/2 X 1/4 tee to the cut suction tube for **Air, and Water** Ice Machines.
Insert 1/2 OD suction tube and 1/2 X 1/2 X 3/8 tee to the cut suction tube for **Remote** Ice Machines.
**Adjust the tubing to fit without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



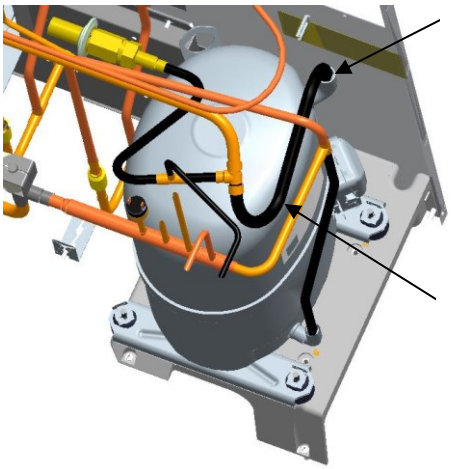

**I1000Air** Ice Machines




I1000 **Air and Water** Ice Machines




**S1000 Remote** Ice Machines

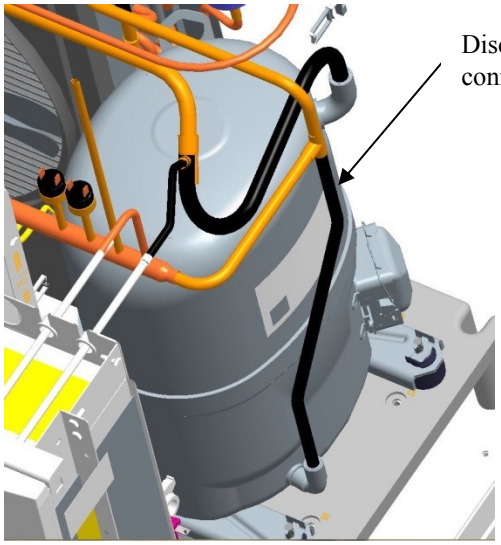



**S1000 Remote** Ice Machines

## COMPRESSOR REPLACEMENT

## S1000 SERIES

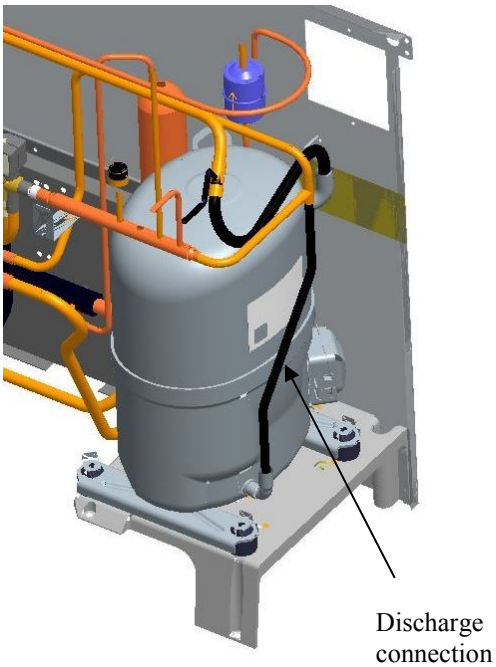
11. Purge the system with nitrogen before and during all brazing operations.




**Air Ice Machine**




**Remote Ice Machine**




**Water Ice Machine**

12. Position the tubing as shown per condensing option, as shown in Note 11.
    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.