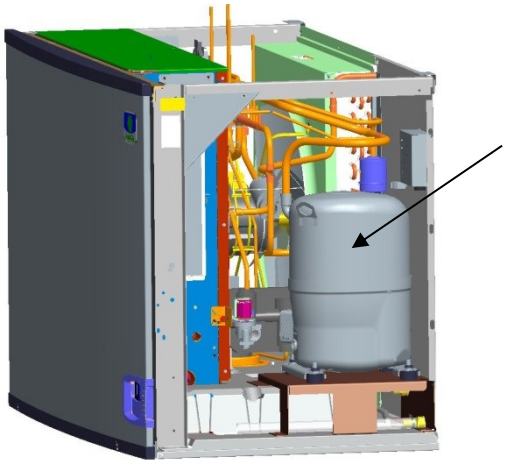
MANITOWOC ICE
2110 SOUTH 26TH STREET, MANITOWOC, WI 54220
800-545-5720
WWW.MANITOWOCICE.COM

COMPRESSOR REPLACEMENT

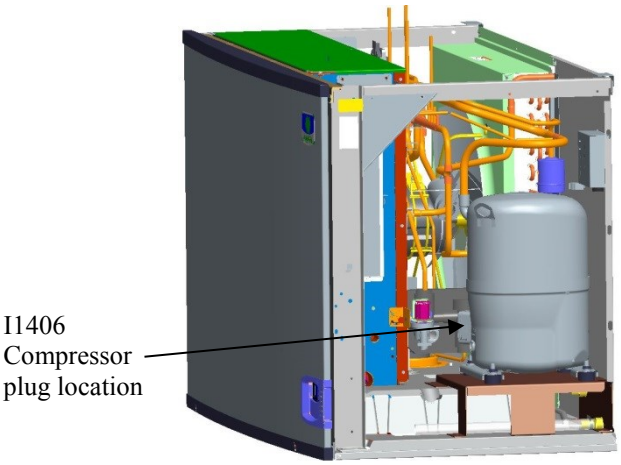
I1406 SERIES

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 back panel and top rail.

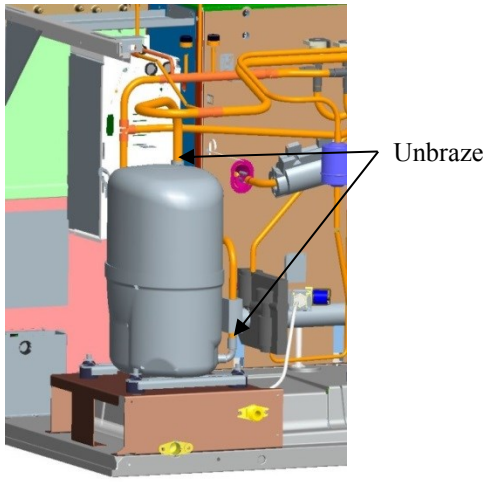
Note:
(Orientation is done while facing the front of the ice machine)



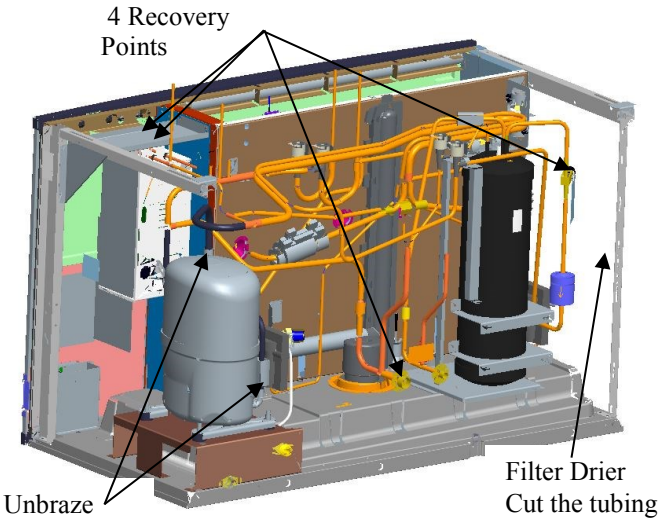
5. Remove the wiring or plug from the compressor terminals.



6. Unbraze the suction line at the compressor port. Unbraze the discharge port at the compressor.
Unbraze the bottom joint at the compressor discharge port.
Cut the tubing when replacing filter drier.
Do not unbraze the filter drier.



Note: When replacing the compressor in a Remote Ice Machine; be sure to unbraze the suction and process port at the compressor, replace the filter drier. Cut tubing to replace the filter dryer. Do not unbraze filter drier. Remember that there are four points of recovery on a remote.

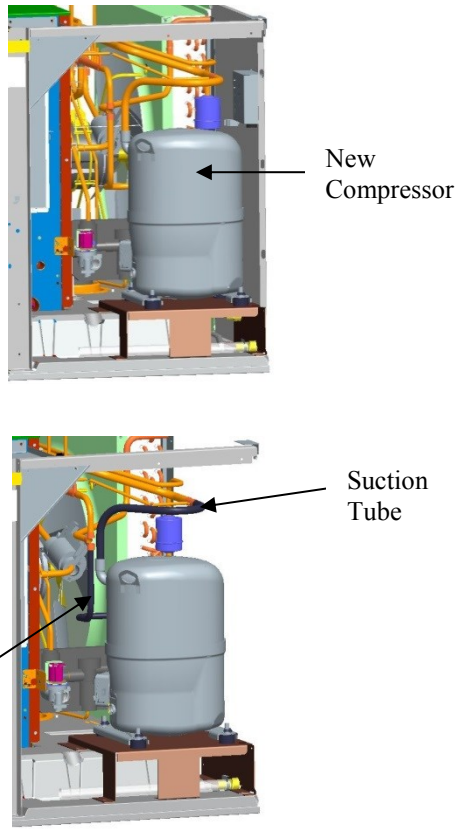


7. Remove the compressor from the ice machine. Make sure compressor ports are crimped and brazed shut.

COMPRESSOR REPLACEMENT

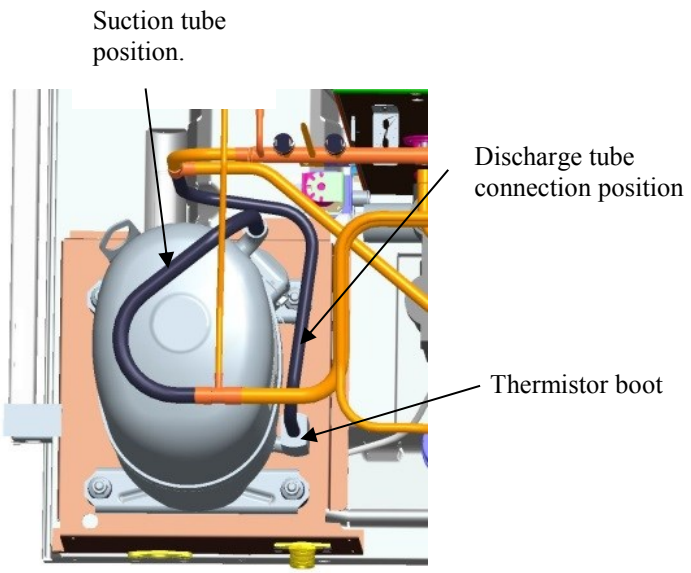
I1406 SERIES

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



10. Reinsert the old tubing into the new compressor ports. Insert 1/2 OD discharge tube into the discharge port of the compressor. Insert 5/8 OD suction tube and bushing supplied with the kit, (if required) port of the compressor. Braze tubes into the compressor ports.

Adjust the tubing to fit without rubbing any other tubing or parts of the ice machine.



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

I1406 Air, Water, & Remote Ice Machines

12. Position the tubes back into compressor.
13. Replace the filter drier before evacuating the refrigeration system of the ice machine.
    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.
    Insure that the thermistor and clip are replaced back onto the 1/2 OD discharge tube and the new thermistor boot supplied in the kit.
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.
19. Reinstall all the other remaining outer panels.
20. Reconnect the power and turn on power switch.
    Test and run the ice machine.