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Instruction Sheet

Subject: I and S Series Compressor Replacement

AIR-COOLED, WATER-COOLED, REMOTE CONDENSER MODELS

⚠Warning

Authorized Service Representatives are obligated to follow industry standard safety procedures, including, but not limited to, local/national regulations for disconnection / lock out / tag out procedures for all utilities including electric, gas, water and steam.

⚠DANGER

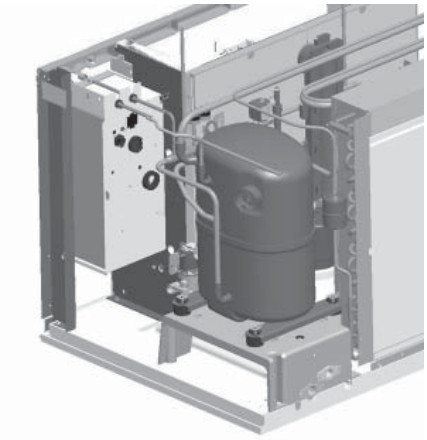
Disconnect electric power to the ice machine at the electric switch box before proceeding. Failure to disconnect the power at the main power supply disconnect could result in serious injury or death. The power switch DOES NOT disconnect all incoming power.

NOTE: These instructions do not apply to QuietQube models. Follow standard service procedures and install only the compressor, wiring harness and run capacitor in remote condenser models.

1. Disconnect power to the ice machine at the electrical disconnect.

NOTE: Pressing off or moving the toggle switch to off will not disconnect line voltage.

2. Remove front, top, left and right side panels.
3. Recover all refrigerant from the ice machine.
4. Remove the right rear corner post - I and S series models remove right rear back panel and top rail.



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

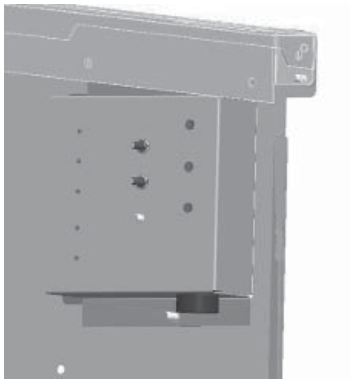


6. Unsweat the following:

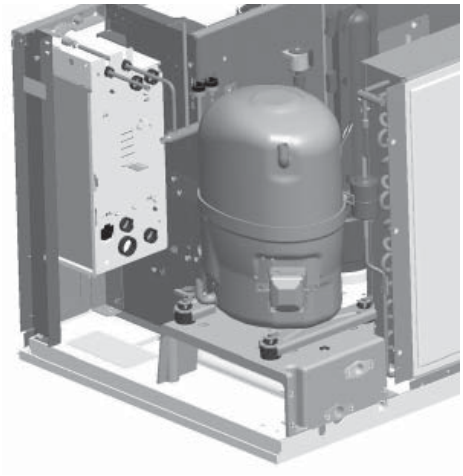
- Suction line at the compressor port
- Discharge and process ports at the compressor
- Discharge tube at the manifold
- TXV inlet and outlet
- Liquid line drier inlet and outlet
- Condenser ports
- Remotes only - Harvest Pressure Regulator (HPR)

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7. Remove the compressor from the ice machine and crimp and braze compressor ports closed.
8. Relocate ground screws and power restraint within the junction box using supplied screws. Failure to do so will result in the junction box screws contacting the suction line or compressor suction port.



9. Insert the replacement compressor in the ice machine, and position the compressor as shown.



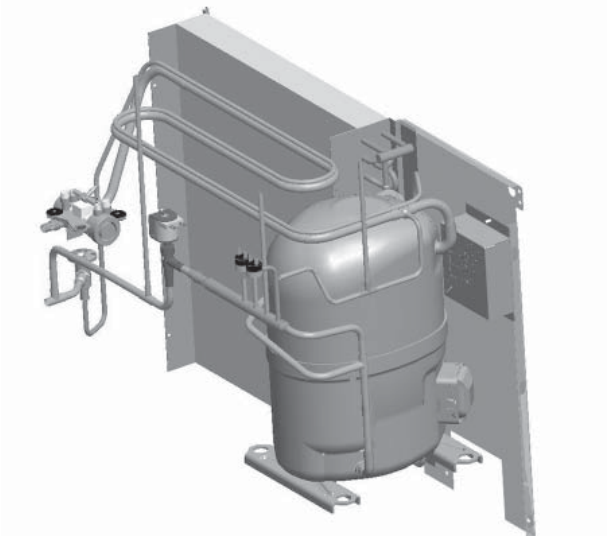
10. Select heat exchanger by ice machine model and place armaflex insulation from kit over heat exchanger.

Self-contained Air or Water-cooled Heat Exchanger

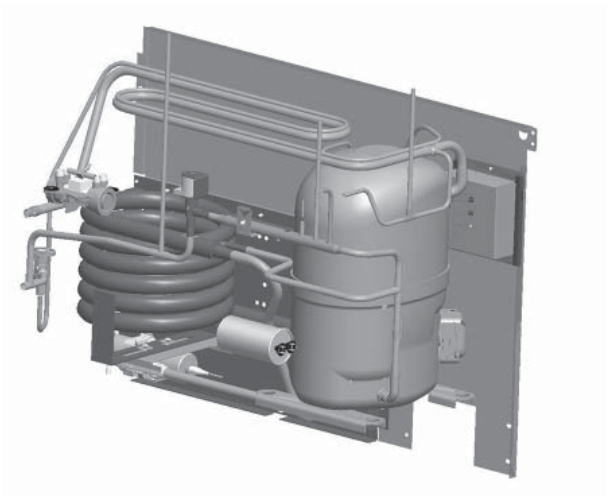


Remote Condenser Heat Exchanger

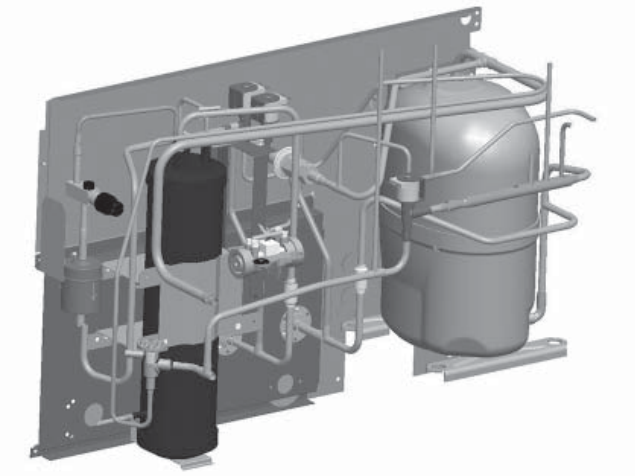




Self-contained air-cooled



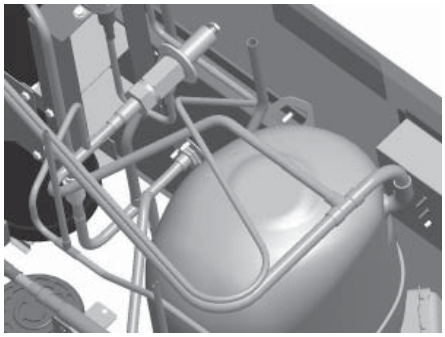
Self-contained water-cooled



Remote air-cooled

11. Dry fit heat exchanger and kit tubing into ice machine:

- Support and position tubing to avoid contact with other components or tubing
- Install new liquid line drier
- Remotes only - Reinstall HPR valve using supplied tubing



12. Braze tubing:

- Purge system with nitrogen during all brazing operations
- Secure and protect heat exchanger insulation from brazing heat
- Pressure test system when brazing is complete

13. Evacuate system to 500 microns.
14. Weigh in nameplate refrigerant charge.
15. Install supplied run capacitor and wire compressor with supplied harness.
16. Reinstall corner post, top rail and all outer panels.
17. Reconnect power and test run ice machine.