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Instruction Sheet

Subject: CVD0685 AND ICVD0695 SERIES

COMPRESSOR REPLACEMENT

CVD0685 AND ICVD0695 SERIES COMPRESSOR REPLACEMENT

⚠Warning

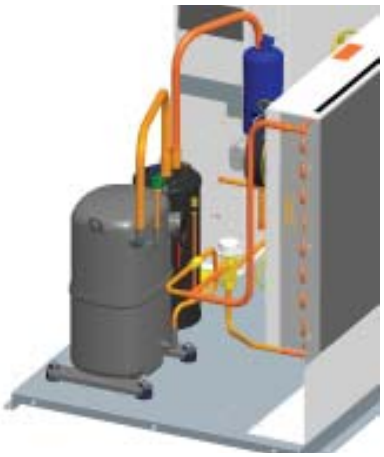
Authorized Service Representatives are obligated to follow industry standard safety procedures, including, but not limited to, local/national regulations for disconnection / lock out / tag out procedures for all utilities including electric, gas, water and steam.

⚠DANGER

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..

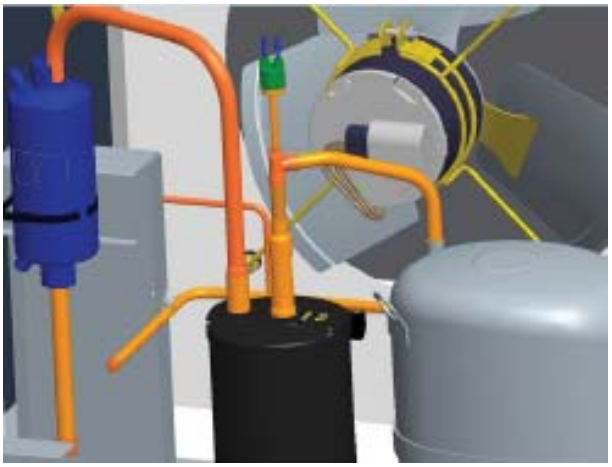
1. Disconnect the power to the remote condenser at the electrical disconnect.
2. Remove all panels (top, right side back grill and the electrical box cover).
3. Recover refrigerant from system.
4. Remove wiring from control box and compressor.
5. Unsweat refrigeration lines at the following locations:

- Suction line at the compressor and accumulator
- Discharge line from compressor to first tee
- Low pressure cutout switch



6. Remove fasteners securing compressor and remove compressor.
7. Install replacement compressor and secure with fasteners.
8. Fit the new tubing in place:

- Braze the low pressure cutout switch into tee of suction line assembly.
- Slide armaflex insulation onto suction line and secure/ protect from heat, then braze at compressor and accumulator.
- Braze discharge line at compressor and first tee.
- Verify tubing is not rubbing on other components.



9. Replace the run capacitor
10. Replace the start capacitor
11. Replace the potential relay verifying wiring matches the compressor voltage.
12. Pressure test system, evacuate to 500 microns and weigh in nameplate refrigerant amount.
13. Replace panels, reconnect power and test run.