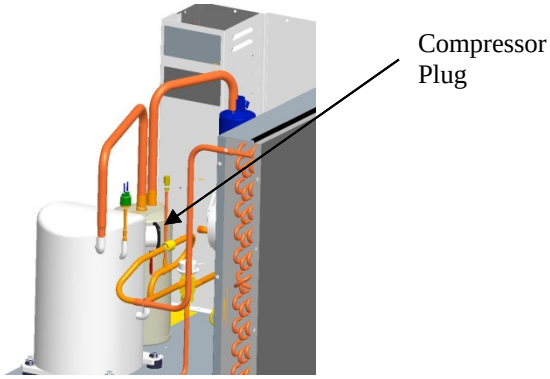
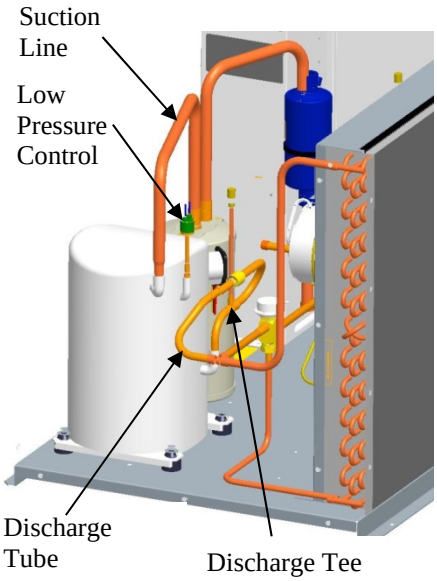
CVD1485, ICVD1495 & ICVD1496 SERIES COMPRESSOR REPLACEMENT

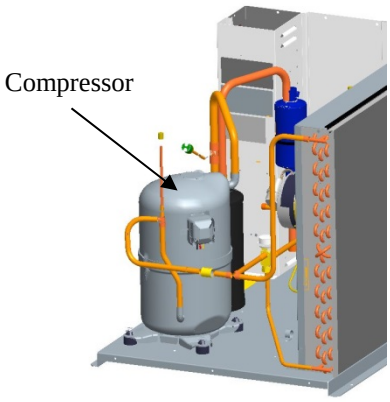
1. Disconnect the power to the condensing unit at the electrical panel.
2. Remove all the panels (top, right side back grill and the electrical box cover).
3. Recover the entire refrigerant charge from the refrigeration system.
4. Remove the wiring and compressor plug.



5. Unbraze the suction tube at the compressor port and the accumulator port.
   Unbraze the discharge tube at the compressor port the tee, and the low pressure control at the process port of the compressor.

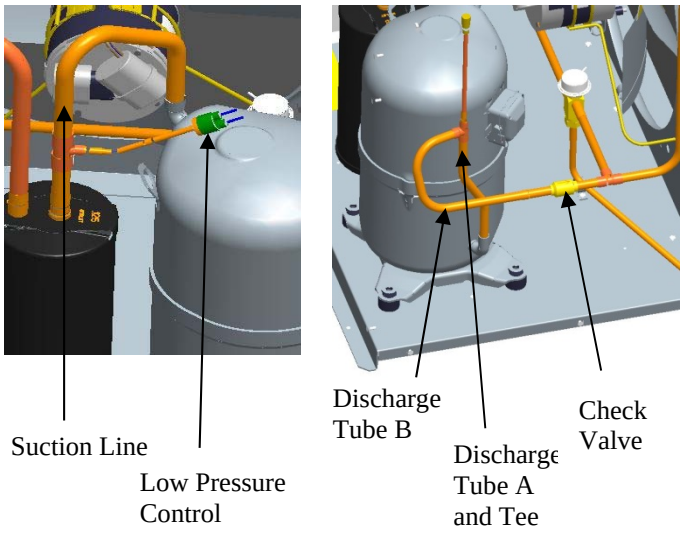


6. Insert the new compressor in the condensing unit as shown.



7. Insert 2 inch long tube into accumulator outlet, 3/4 x 3/4 x 3/8 tee, 1/4 x 3/8 reducer into the tee's 3/8 port, then the low pressure control into 1/4 port of reducer. Insert the suction tube into 3/4 x 3/4 x 3/8 tee, and the compressor port. Insert discharge tube A in compressor discharge port, 1/2 x 3/8 x 1/2 tee, 1/4 x 3/8 reducer into the tee's 3/8 port, and insert access valve. Insert the check valve into head pressure control valve assembly's tee with arrow pointing towards the air condenser.
   Insert discharge tube B into the discharge port tee, and into the check valve.
   Nitrogen purge and wet wrap low pressure control during brazing.

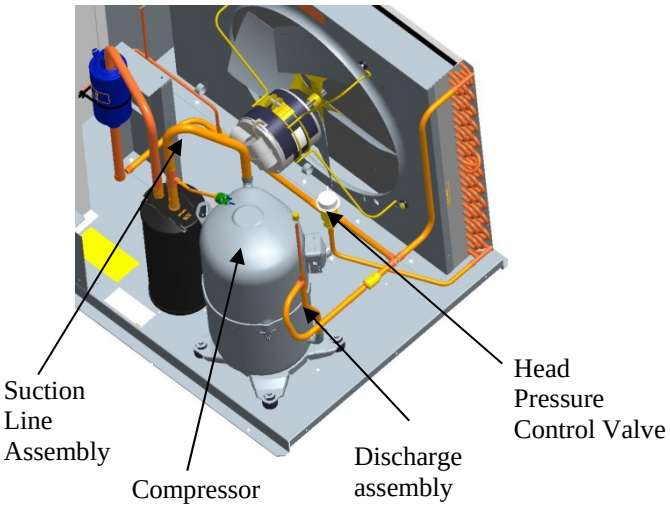
Braze all tubing into place.



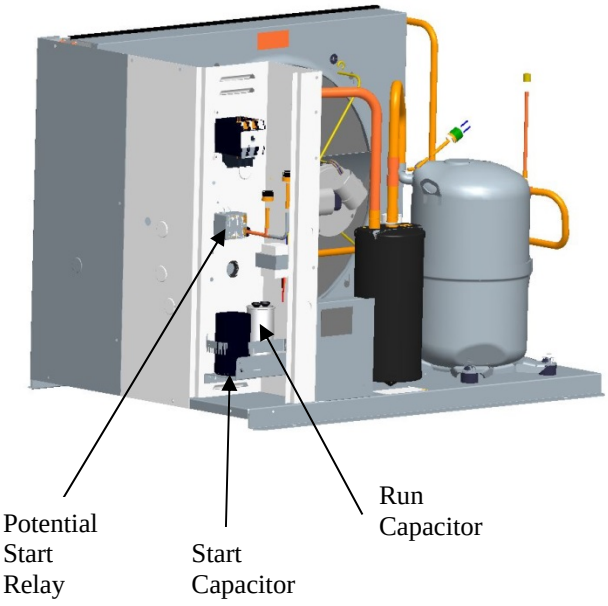
Manitowoc Ice
2110 South 26th Street, P.O. Box 1720, Manitowoc, WI 54221-1720 USA
Telephone 920-682-0161, Fax - Sales: 920-683-7589, Service/Parts: 920-683-7585, Other: 920-683-7879
Web Site - www.manitowocice.com

CVD1485, ICVD1495 & ICVD1496 SERIES COMPRESSOR REPLACEMENT

8. Make sure that all the tubing is not rubbing against anything in the condensing unit.



9. Be sure to replace the run & start capacitors and the potential start relay according to the nameplate of the condensing unit.



10. Evacuate to 500 microns minimum.
    Replace refrigerant charge, per system charge.

11. Reconnect the wiring and plug from the compressor.
    supplied with the kit

12. Replace all the panels (top, right side back grill and the electrical box cover).

13. Reconnect the power to the condensing unit at the electrical panel.