MANITOWOC ICE
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Instruction Sheet

Subject: Compressor Replacement Instructions

CONVERSION KIT 000016103
K1000 REMOTE CONDENSER MODEL

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

⚠Warning

This equipment contains refrigerant charge. Procedures must be performed by a properly trained and certified refrigeration technician aware of the dangers of dealing with refrigerant charged equipment.

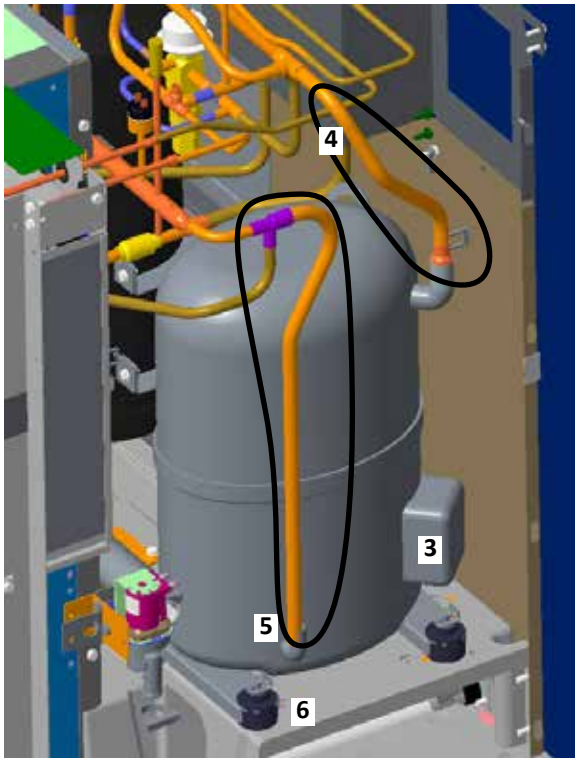
⚠Warning

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.

The table below lists the items used for compressor replacement.

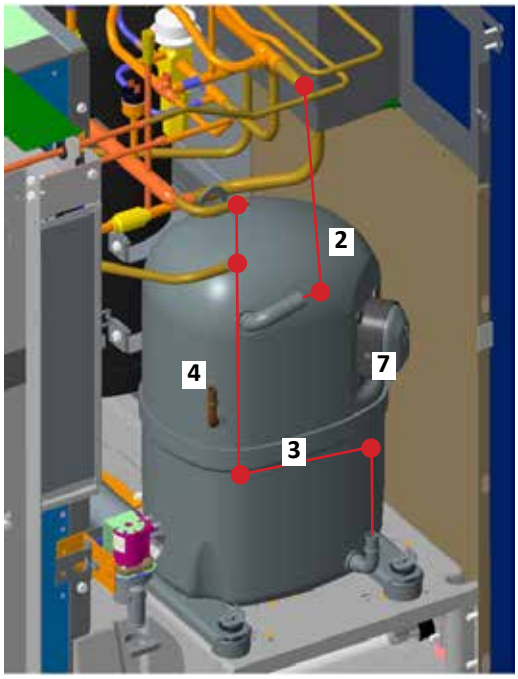
Item Number	Description
1	1/4” Schrader valve suction process tube
2	3/8” Tubing
3	3/8” 90º Elbow
4	3/8” Tee
5	1/2” 90º Street elbow
6	1/2” Copper tubing 14” & 21”
7	1/2” 90º Elbow

K1000 Remote Condenser - Remove Compressor



1. Disconnect, lockout and tag out all utilities.
2. Recover refrigerant from system.
3. Remove wiring from compressor.
4. Remove suction line before tee and at compressor suction port.
5. Remove discharge line from compressor.
6. Remove compressor and mounting feet.
7. Remove liquid line filter drier.

K1000 Remote Condenser- Install Compressor



Step Number	Part Description
2	1/2” Copper tubing 1/2” 90º Elbow 1/2” 90º Elbow
3	3/8” Tubing 3/8” 90º Elbow 3/8” 90º Elbow 3/8” Tee
4	1/4” Schrader valve

1. Install feet and secure compressor to base.
2. Cut to fit 2 pieces of 1/2” tubing with 2 -1/2” elbows and hand assemble to the suction line and compressor suction port.
3. Cut to fit 4 pieces of 3/8” tubing with 2 -3/8” elbows, 1-3/8” tee and hand assemble discharge line.
4. Assemble liquid line drier.
5. Braze all joints while purging with nitrogen, then pressure test with 250 psig nitrogen.
6. Evacuate to a minimum of 500 microns.
7. Wire compressor.
8. Weigh in nameplate refrigerant charge.