MANITOWOC ICE
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Instruction Sheet

Subject: K00479 Mac-X R410A Headpressure Control Kit

INSTALLATION INSTRUCTIONS

⚠Warning

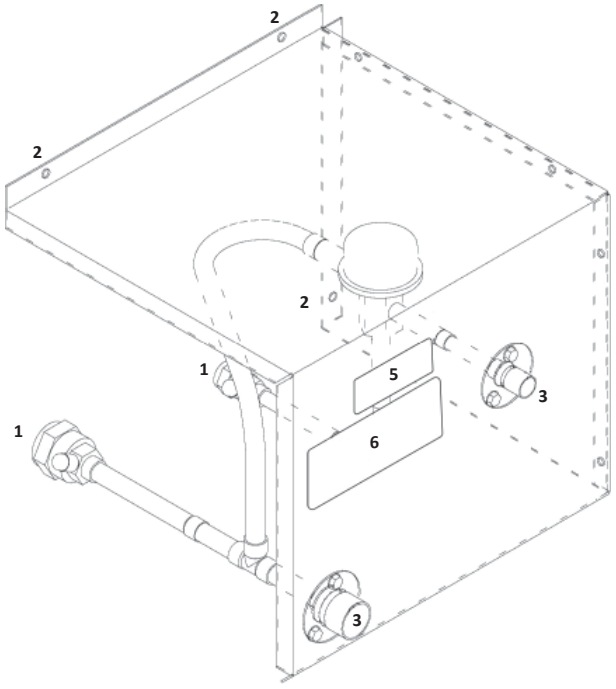
Authorized Service Representatives are obligated to follow industry standard safety procedures, including, but not limited to, local/national regulations for disconnection / lock out / tag out procedures for all utilities including electric, gas, water and steam.

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.

⚠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.



DANGER

Condenser must be UL recognized to minimum 600 PSIG (4137 kPa) design pressure

Refrigerant line lengths must not exceed 75 feet.

1. Lubricate the female fittings with refrigerant oil and install the assemblies quick-connect fittings on the MAC-X condensing unit.
2. The metal enclosure attaches to the MAC-X condensing unit with three screws; two screws on top and one screw at the bottom. Mark and drill three 5/32” diameter holes.
3. The remote tubing line set attaches to the male fittings provided on the head pressure control kit. Refrigerant oil must be used to lubricate the fittings.
4. Leak check all joints.
5. Place the four labels (00015398) as follows:
   A. Two on the ice machine (one by each serial plate)
   B. One on the head pressure control box (labeled 5 on graphic)
   C. One at the discretion of the installer.
6. Place label 000014471 on the head pressure control box (labeled 6 on graphic)
7. Add the following refrigerant at the time of installation:

Ice Machine Model	Additional Refrigerant to be added to nameplate amount	Refrigerant type
IT0500N	Will not function on a MAC unit	
IT1200N	3 lbs - 1.36 kg	R410A
IT1500N	5 lbs - 2.26 kg	R410A
IT1900N	5 lbs - 2.26 kg	R410A