MANITOWOC ICE
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Service Bulletin

Subject: R410A Indigo NXT Remote Condenser Ice Machines Utilizing McDonald's MAC Condensers

⚠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 and condensing unit 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.

INSTALLATION REQUIREMENTS

1. Condenser must be new and unused - Warranty on the refrigeration system will be void if a new ice machine head section is connected to existing (used) tubing or condensers.
2. Line set cannot exceed 75 feet. A Manitowoc condenser must be used if the line set is between 75' and 100'.
3. Head pressure control kit (K00479) must be installed. Unacceptable performance will result if a fan cycling control is used to maintain discharge pressure. Manitowoc will not accept substitute "off the shelf" head pressure control valves.
4. The condenser fan motor must be on during the entire freeze and harvest cycles. The ice machine condenser fan motor circuit (F1 & F2) can be used to control the condenser fan motor. This will ensure that the condenser fan motor is energized anytime the ice machine compressor is energized.

DANGER

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

THIS INFORMATION PERTAINS TO MANITOWOC REMOTE CONDENSER ICE MACHINES USING R410A ONLY				
Indigo NXT Remote Condenser Ice Machine Model	**Maximum Lineset Length**	**Head Pressure Control Valve Kit**	**Condenser Series**	**Additional Refrigerant To Be Added to The Nameplate Amount 0 to 75 feet (0 to 23 meters)**
IT1200N	75 Feet 23 Meters	K00479	MAC-X	3 lbs 1.4 kg
IT1500N	75 Feet 23 Meters	K00479	MAC-X	5 lbs 2.26 kg
IT1900N	75 Feet 23 Meters	K00479	MAC-X	5 lbs 2.26 kg
All installations with line set lengths greater than 75' (23 meters) must use a Manitowoc condenser. Manitowoc Condensers allow maximum line set lengths up to 100' (30 meters). Refer to the Installation Operation and Maintenance Manual for line set calculation instructions.				

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