Manitowoc **Parts & Service Communicator**

Subject: Manitowoc Indigo Series Ice Machines Utilizing McDonald's MAC-G or X Series Condensers

QuietQube® Models

The following information refers to Manitowoc's traditional remote condenser ice machines only. This information does not apply to QuietQube® or Ice Beverage ice machines and iCVD® condensing units. QuietQube® and Ice Beverage head sections are only approved for use with a Manitowoc iCVD® condensing unit.

INSTALLATION REQUIREMENTS

- **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.
- **Line set cannot exceed 75 feet**
  A Manitowoc condenser **must be used** if the line set is between 75' and 100'.
- **A Head Pressure control kit (K00133 for G Series, K00221 for X Series) 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.
- **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.

McDonalds Condensing Units
MAC 2G, 3G, 7G, 8G or MAC 2X, 3X, 7X, 8X

Manitowoc Ice Machine Model	Maximum Length of Line Set	Head Pressure Control Kit Required		Additional Refrigerant Required 0' - 50'	Additional Refrigerant Required 50' - 75'
		MAC G Series	MAC X Series		
IR0590N ID0592N IY0594N	50 Feet (15 meters)	K-00133	K-00221	1.5 lbs (0.68 kg)	Not Approved
ID0692N IY0694N	50 Feet (15 meters)	K-00133	K-00221	1.5 lbs (0.68 kg)	Not Approved
IR0890N ID0892N IY0894N	75 Feet (23 meters)	K-00133	K-00221	4 lbs (1.8 kg)	5 lb. (2.3 kg)
IR0996N ID0996N IY0996N	75 Feet (23 meters)	K-00133	K-00221	5.5 lbs (2.5 kg)	6.5 lbs (2.9 kg)
ID1092N IY1094N	75 Feet (23 meters)	K-00133	K-00221	5.5 lbs (2.5 kg)	6.5 lbs (2.9 kg)
ID1196N IY1196N	75 Feet (23 meters)	K-00133	K-00221	5.5 lbs (2.5 kg)	6.5 lbs (2.9 kg)
ID1492N IY1494N	75 Feet (23 meters)	K-00133	K-00221	2 lbs (0.9 kg)	3 lbs (1.4 kg)
IR1890N ID1892N IY1894N	75 Feet (23 meters)	K-00133	K-00221	2 lbs (0.9 kg)	3 lbs (1.4 kg)

All installations with line set lengths greater than 75' must use a Manitowoc condenser.
Manitowoc Condensers allow maximum line set lengths up to 100'.
Refer to the Installation Use and Care Manual for line set calculation instructions.