



# Vertical Discharge Remote Condenser for Indigo® NXT<sup>M</sup> Series Ice Cube Machines with R410A refrigerant

Models 🗍 🗍	СТ0500	JCT1200	JCT1500	JCT1500Q (Coated Coil)
		T1200 e Condenser	for Indigo NXT Se and iT1900N ice r specification shee production capac storage bin comp Condenser opera 120°F (49°C). Can of bottom clearar Remote system cc interconnecting r pre-charged with fittings for conver machine, ice stor- condenser and lir	e remote condenser is available ries iT0500N, iT1200N, iT1500N machines. Refer to ice machine et for equipment dimensions, ities, electrical requirements, and ice atibility. tion range from -20°F (-29°C) to be installed with up to 20" (50.8 cm) nce. onsists of a remote condenser and efrigerant lines. All components are refrigerant and have quick-connect nient installation. Order ice cube age bin, vertical discharge remote he set separately. d labor. See warranty statement for
Remote, air-cooled condense improves efficiency and ice p conserving energy. Manitowoc remote condense systems effectively dissipate at a convenient location, ind	production, er heat	Maximum horizontal comply wit	Location Distance - co distances from ice m th guidelines.	tion and Dimensions ombined vertical and achine to condenser must

outdoors, away from the ice machine. Maximum Vertical Rise: 35' (10.5 m) above ice machine. This maximizes ice-making capability and minimizes air conditioning loads by Maximum Vertical Drop: 15' (4.5 m) below ice machine. lowering the ambient air temperature at the ice machine. For locations

To calculate other acceptable horizontal and vertical combinations, refer to remote condenser installation instructions.

\* Remote condenser has refrigerant charge for up to 50' (15 m) line length. Over 50' (15 m) requires additional refrigerant charge at time of installation.



D  $\bigcirc$ D വ Ð ス 4  $\triangleright$ refrigerant

2110 South 26th Street Manitowoc, WI 54220

coated model ("Q")

Single Indigo Series Ice Machine

iT0500N

iT1200N

iT1500N or iT1900N

close to salt spray environment use

Tel: 1.920.682.0161 Fax: 1.920.683.7589

Remote Condenser

JCT0500

JCT1200

JCT1500 & Q

www.manitowocice.com





### Electric

Electrical power to the remote condenser is intended to be supplied from the ice machine; however, if necessary, a separate electrical power source can be used.

### Remote Indigo NXT Series Ice Machine

Indigo Model	Electrical Service*	Minimum Circuit Ampacity		Maximum Fuse size	
iT0500N	115/60/1	13.7		20	
iT1200N	208-230/60/1	10	9.5	15	15
iT1500N	208-230/60/1	14	11.3	25	20
iT1900N	208-230/60/1	17	13	25	20

\* Shaded box indicates 3 phase. Consult factory.

HACR circuit breakers can be used in place of fuses.

## Indigo NXT Series Remote Condensers with R410A Refrigerant

Condenser Indigo	Matching Ice Machine	Condenser				
		Electrical	Amperage lb	Weight		
Model		Service*		lbs.	kgs.	
JCT0500	iT0500N	115/60/1	1.82	64	29	
JCT1200	iT1200N	208-230/60/1	1.0	67	30	
JCT1500	iT1500N, iT1900N	208-230/60/1	1.0	69	31	

\* Consult factory. HACR circuit breakers can be used in place of fuses.

The JCT1500Q is available with coated coils for extra corrosion protection in salt spay environments. Recommend for use within 5 miles of the coast.

### Standard Interconnecting Refrigerant Lines

	Line L	ength	Weight		
Model	ft.	m.	Ibs.           10           15	kgs	
R(*)-20-R-410A	20	6.07	10	4.54	
R(*)-35-R-410A	35	10.67	15	6.8	
R(*)-50-R-410A	50	15.24	22	9.98	

\*RT prefix for iT0500N and iT1200N . Order line sets separately. \*RL prefix for iT1500N and iT1900N. Order line sets separately.

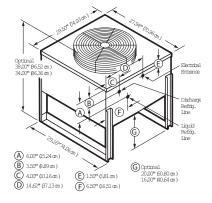
The line sets above are pre-charged and come with quick connect fittings.

 Typical Installation

 Image: stallation

 Image: stallation

#### JCT1500 Remote Condenser



Manitowoc Ice reserves the right to make changes to the design or specifications without prior notice.

2110 South 26th Street Manitowoc, WI 54220 Tel: 1.920.682.0161 Fax: 1.920.683.7589 www.manitowocice.com 6443B 6/22