Vertical Discharge Remote Condenser

for Indigo® NXT™ Series Ice Cube Machines with R404A refrigerant

Models ☐ JCF0500 ☐ JCF0500Q(Coated Coil) ☐ JCF0900 ☐ JCF0900Q(Coated Coil)



JCF900
Remote Condenser

Standard Features

Vertical discharge remote condenser is available for Indigo NXT Series iF0500N, iF0600N and iF0900N ice machines. Refer to ice machine specification sheet for equipment dimensions, production capacities, electrical requirements, and ice storage bin compatibility.

Condenser operation range from -20°F (-29°C) to 120°F (49°C). Can be installed with up to 20" (50.8 cm) of bottom clearance.

Remote system consists of a remote condenser and interconnecting refrigerant lines. All components are pre-charged with refrigerant and have quick-connect fittings for convenient installation. Order ice cube machine, ice storage bin, vertical discharge remote condenser and line set separately.

Warranty

- 3-year parts and labor. See warranty statement for complete details.

Remote, air-cooled condenser system improves efficiency and ice production, conserving energy.

Manitowoc remote condenser systems effectively dissipate heat at a convenient location, indoors or outdoors, away from the ice machine. This maximizes ice-making capability and minimizes air conditioning loads by lowering the ambient air temperature at the ice machine. **For locations close to salt spray environments use coated coil model ("Q")**

Single Indigo Series Ice Machine	Remote Condenser
iF0500N	JCF0500 & Q
iF0600N	JCF0900 & Q
iF0900N	JCF0900 & Q

Installation Information and Dimensions

Maximum Location Distance - combined vertical and horizontal distances from ice machine to condenser must comply with guidelines.

Maximum Line Length: 100' (30 m)*

Maximum Vertical Rise: 35' (10.5 m) above ice machine.

Maximum Vertical Drop: 15' (4.5 m) below ice machine.

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.*

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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	14.8		20	
iF0600N	208-230/60/1	10.7		15	
iF0900N	208-230/60/1	12.2	9.7	20	15

** Shaded box indicates 3 phase. Consult factory.*
HACR circuit breakers can be used in place of fuses.

Indigo NXT Series Remote Condensers with R404A Refrigerant

Condenser Indigo Model	Matching Ice Machine	Condenser			
		Electrical Service*	Amperage	Weight	
				lbs.	kgs.
JCF0500	IF0500N	115v/60/1	1.82	76	34
JCF0900	iF0600N, iF0900N	208-230/60/1	1.0	78	35

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

Both models available with coated coils ("Q") for extra corrosion protection in salt spray environments. Recommend for use within 5 miles of the coast.

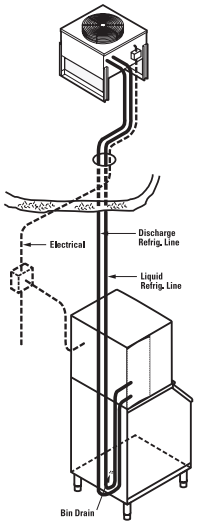
Standard Interconnecting Refrigerant Lines

Model	Line Length		Weight	
	ft.	m.	lbs.	kgs
RT-20-R404A	20	6.07	10	4.54
RT-35-R404A	35	10.67	15	6.8
RT-50-R404A	50	15.24	22	9.98

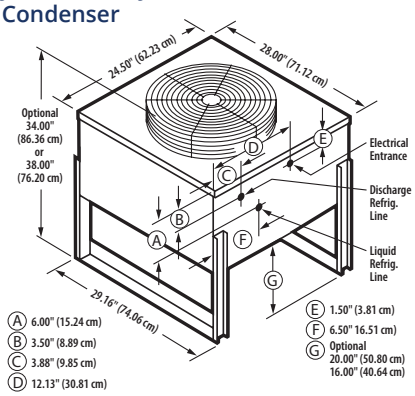
Order "RT" line sets separately for iF0500N, iF0600N and iF0900N

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

Typical Installation



JCF0500 and JCF0900 Remote Condenser



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