

- JCT1200
- JCT1500

Vertical Discharge Remote Condenser

- Vertical discharge remote condenser is available for K_T1000N and K_T1700N 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. Order ice cube machine, ice storage bin and line set separately.

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



JCT1200 Remote Condenser

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.

Ice Machine	Remote Condenser
K_T1000N	JCT1200
K_T1700N	JCT1500

Warranty

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

Vertical Discharge
REMOTE CONDENSER

KOOLAIRE

By **MANITOWOC**

2110 SOUTH 26TH ST | MANITOWOC, WI 54220 USA | 1-920-682-0161 [www.kool-aire.com]



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
■ ISO 9001:2008 ■



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 Koolaire Ice Machine

Model	Electrical Service*	Minimum Circuit Ampacity		Maximum Fuse size	
K_T1000N	208-230/60/1	9.8	N/A	15	N/A
K_T1700N	208-230/60/1	17.8	13.2	30	20

* 230/50/1 available. Shaded box indicates 3 phase. Consult factory.
HACR circuit breakers can be used in place of fuses.

Koolaire Remote Condenser

Condenser Model	Matching Ice Machine	Condenser			
		Electrical Service*	Amperage	Weight	
				lbs.	kgs.
JCT1200	K_T1000N	208-230/60/1	1.0	67	30
JCT1500	K_T1700N	208-230/60/1	1.0	69	31

* 230/50/1 available. Consult factory. HACR circuit breakers can be used in place of fuses. JCT1500-261Q is available with coated coils that provide extra corrosion protection in salt spray environments.

Standard Interconnecting Refrigerant Lines

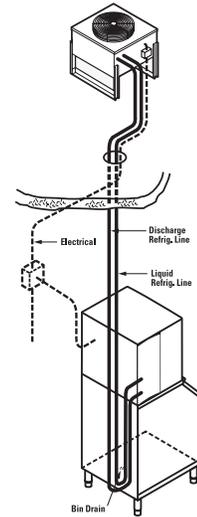
Model	Line Length		Weight	
	ft	m	lbs	kg
R(*)20-R-410A	20	6	10	4.5
R(*)35-R-410A	35	9	15	6.8
R(*)50-R-410A	50	15	22	10

* R "T" prefix for Series K_T1000N. Order line sets separately.

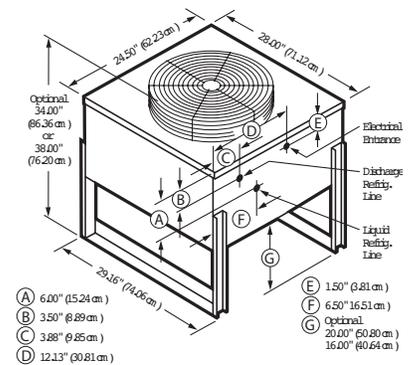
* R "L" prefix for Series K_T1700N. Order line sets separately.

The JCT1200 ad JCT1500 line sets are pre-charged and come with quick connect fittings.

Typical Installation



JCT1200 Remote Condenser



JCT1500 Remote Condenser

