



IRC-1100 Remote Condenser

IRC-2000 Remote Condenser

Compatible Ice Machine Models

☐ IM-1100-RC/RH ☐ IM-1700-RC/RH ☐ IM-2000-RC/RH



IRC-1100
Dims: 22.6" W x 35.6" D x 27.1" H



IRC-2000
Dims: 37.3" W x 32" D x 27.1" H

- Remote condensers for use with Icetro remote air-cooled ice machines
- IRC-1100 for use with IM-1100RC/RH
- IRC-2000 for use with IM-17000-RC/RH and IM-2000-RC/RH
- Refrigerants:
 - IRC-1100: R-404A (pre-charged)
 - IRC-2000: R-410A (pre-charged)
- Connections:
 - IRC-1100: Parker fittings
 - IRC-2000: Flare fittings
- Electrical (receives power from ice machine head):
 - 208-230V/60Hz/1-phase
- Installation Dimensions:
 - Maximum line run: 150'
 - Maximum line length: 100'
 - Maximum vertical rise: 35'
 - Maximum vertical drop: 15'

Factory Warranty:

- Remote Condenser: 3 years, parts and labor
- Ice Machine: 3 years, parts and labor
 - Evaporator: 5 years, parts and labor
 - Compressor: 5 Years parts, 3 years labor

Line Sets:

- For the IRC-1100 (R404A):
 - IRT-20R404, 20' length
 - IRT-35R404, 35' length
 - IRT-50R404, 50' length
- For the IRC-2000 (R410A):
 - IRT-20R410, 20' length
 - IRT-35R410, 35' length
 - IRT-50R410, 50' length



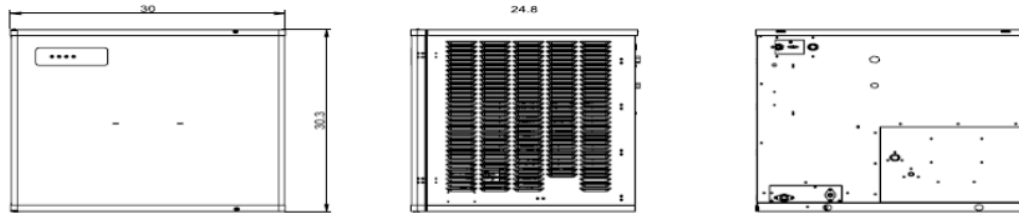
Remote Condenser Internal Volume

Ice Machine Model	Refrigerant		Heat Rejection		Internal Remote Condenser Volume (cu ft)		Pressure Tolerance
	Type	Charge	Average Btu/hr	Peak Btu/hr	Min.	Max.	Design Burst
IM-1100-RC/RH	R404A	11.46 lbs. (5,200g)	18,300	24,500	0.085	0.0105	500 psig 2500 psig
IM-1700-RC/RH	R410A	18.30 lbs. (8,300g)	22,950	27,000	0.138	0.172	500 psig 2500 psig
IM-2000-RC/RH	R410A	18.74 lbs. (8,500g)	29,750	35,000	0.138	0.172	500 psig 2500 psig

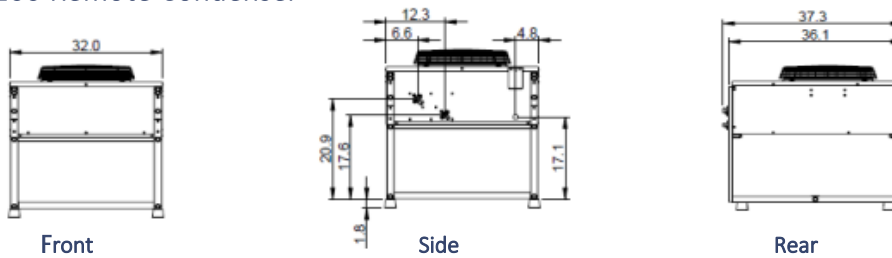


Machine and Condenser Line Drawings

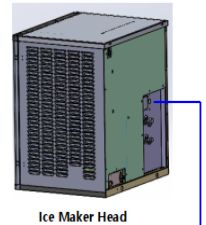
IM-1100-RC/RH Remote Cooled Ice Machine



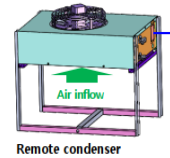
IRC-1100 Remote Condenser



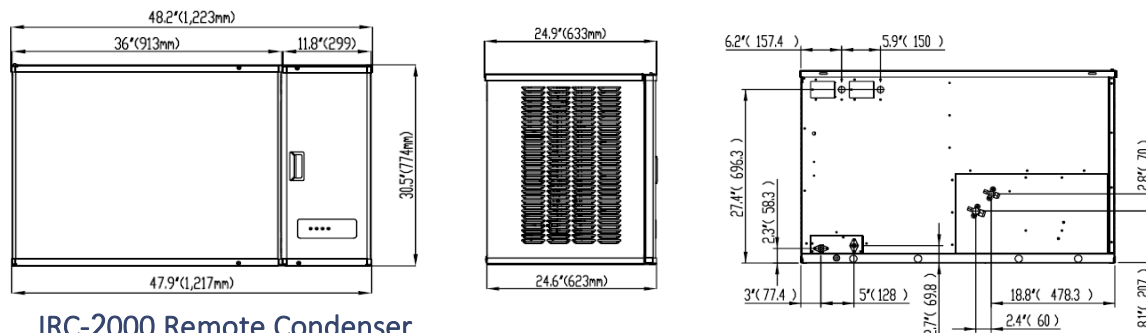
Configuration



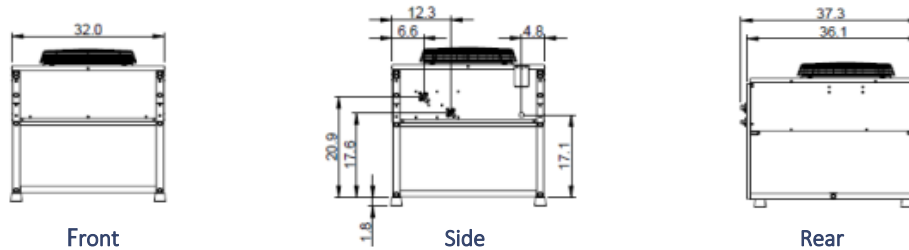
Wire connection
Powered by ice
maker head



IM-1700/2000-RC/RH Remote Cooled Ice Machine



IRC-2000 Remote Condenser



Key Specifications

Model No.	Machine Type	24-Hour Production (Lbs.)		Cooling Type	W (in.)	D (in.)	H (in.)	Ship Weight (Lbs.)	Voltage/ Hz/Phase
		70°F Air / 50°F Water	90°F Air / 70°F Water						
IM-1100-RC/RH	Modular Cuber	1081	949	Remote	30	24.8	30.3	253	220/60/1
IRC-1100	Remote Condenser			Remote	22.6	35.6	27.1	105	220/60/1
IM-1700-RC/RH	Modular Cuber	1680	1462	Remote	48	24.5	30.4	253	220/60/1
IM-2000-RC/RH	Modular Cuber	1980	1730	Remote	48	24.5	30.4	253	220/60/1
IRC-2000	Remote Condenser			Remote	37.3	32	27.1	105	220/60/1

