

ICE MACHINE REFRIGERATION PACKAGES

Packages C1 | C2 | C5 | C7 | C12 | C20 | S5 | M10 | M20

North Star Refrigeration Packages eliminate the guesswork of installing complex refrigeration systems by combining the quality and durability of the North Star brand with the ease and convenience of a turn-key system. With capacities ranging from 1,100 lbs to 10 US tons per day, the Refrigeration Packages are ideal for any application. Constructed with heavy duty components, the Refrigeration Packages produce quality, sub-cooled flake ice with simple, turn-key operation.



ICE MACHINE REFRIGERATION PACKAGES

KEY FEATURES

- Easy, on-site installation after connection to power and water
- Production capacities ranging from 1,100 lbs to 10 US tons
- Dry, sub-cooled flake ice will not harm perishable products
- For use with R404A + R507 refrigerant
- Optional remote refrigeration skid
- Hygienic, food grade materials available on all models
- All units designed with air-cooled condensing unit



MODEL C1 PACKAGE

PACKAGE SPECIFICATIONS

Model	Production Capacity (24 hrs)*		Dimensions (inches)			Water Usage (GPM) Gal/min
	Lbs	US Tons	Length	Width	Height	
C1 PACKAGE	1,100	0.55	100"	30-1/8"	32-1/4"	—
C2 PACKAGE	2,000	1.0	100"	30-1/8"	38-3/4"	0.17
C5 PACKAGE	5,000	2.5	124"	40-1/8"	50-9/16"	0.43
C7 PACKAGE	7,000	3.5	124"	40-1/8"	59-3/16"	0.60
C12 PACKAGE	12,000	6.0	226"	52-1/8"	79-3/8"	1.02
C20 PACKAGE	20,000	10.0	244"	52-1/8"	95"	1.7
S5 PACKAGE	5,500	2.75	124"	40-1/8"	49-3/8"	0.47
M10 PACKAGE	8,600	4.3	148"	48-1/8"	73-15/16"	0.73
M20 PACKAGE	20,000	10.0	244"	96-1/8"	80-1/4"	1.7

* Approximate capacity calculations are based on the +/- 2% machine capacity. Actual ice maker output will vary based on ambient temperature, freezing surface condition, supply water temperature and quality inputs.

Turn-key System

Refrigeration Packages are a hassle-free solution to flake ice production for small to mid-size applications. Designed for easy installation, the self-contained units include all major refrigeration components required to operate a flake ice machine. The air-cooled condenser, compressor, and piping are built on a single skid with the ice machine. Simply connect water and power and the system is ready to produce ice. Available with optional remote refrigeration skid.

Versatility

Combine the packaged system with a stainless steel, carbon steel, or chrome freezing surface flake ice machine, depending on your requirements. Refrigeration packages are compatible with a range of operating conditions to provide flexible ice production capacities and adapt to any environment.

Full User Control

Equipped with a push-button control panel and manual selector switch for easy shut down and startup. Optional high-level control device can be purchased to shut off system when ice bin is full – ideal for applications that will be icing into totes.

STANDARD OPERATING CONDITIONS

- Power: 440/3/60 or 208-230/3/60
- Control: 120/1/60
- Refrigerant: R404A + R507
- Ambient air temp: 40 – 95°F
- Inlet water temp: 50 – 60°F
- Evaporator temp: -10 to -30°F