

FLAKE ICE MAKERS



The ***Cascade Series by North Star*** is an expansion of the original North Star flake ice maker line that has been trusted in the industry since 1950. The Cascade Series includes a line of durable, commercial grade flake ice makers for industrial applications. With production capacities ranging from 1,100 lbs to 11 US tons of flake ice per day, they are ideal for initial cooling, top icing, and transporting of perishable products. Constructed with heavy duty, non-corrosive components, these flake ice makers offer smooth operation and require minimal maintenance while producing quality, sub-cooled flake ice.

FEATURES:

- Dry, sub-cooled flake ice
- Stationary and insulated freezing surface
- Limited moving parts, minimal wear and tear
- Optimal thermal exchange
- Compatible with modern refrigerants
- ASME & CE compliant
- Food compatibility: stainless steel water path for models up to 11 tons (C20)

Cascade Series

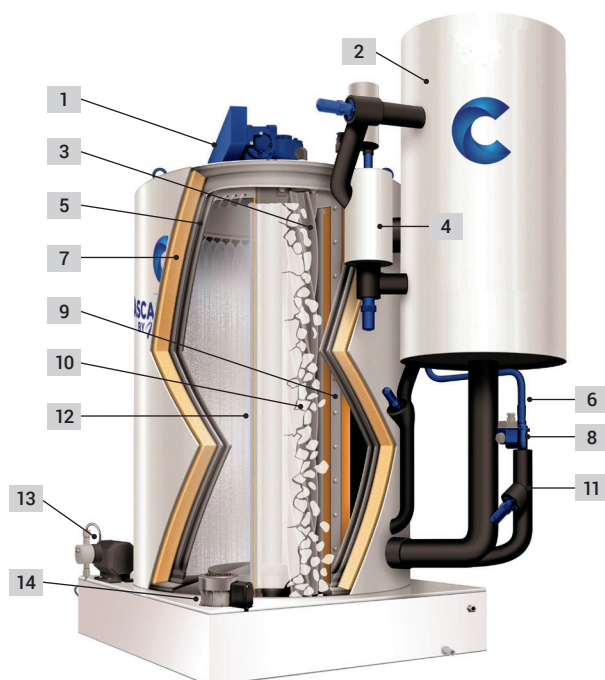
FLAKE ICE MAKERS SERIES LIST

Model	Production Capacity (24 hrs)**	Refrigerants	Dimensions L x W x H (inches)	Weight (Lbs)	Installed power (Hp)
C1	1,100 lbs	R404A – CO2	20 x 14 x 24	110	0.21
C2	1,400 – 2,200 lbs	R404A	26 x 20 x 28	200	0.34
C5	2 – 4 US tons	R404A	35 x 28 x 50	510	0.34
C7	3.3 – 3.9 US tons	R404A	35 x 28 x 50	510	0.34
C12*	5 – 7 US tons	R717 – R404A	47 x 36 x 70	1,215	0.43
C20*	7 – 11 US tons	R717 – R404A	51 x 38 x 80	1,590	0.43
S5	2.5 US tons	R404A – CO2	27 x 25 x 42	353	n/a

* Models designed with insulated accumulator. Also available as a forced recirculation system with no accumulator.

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

Note: All ice maker models available as stand-alone units or complete with refrigeration package



- 1 Heavy duty, adjustable speed gear reducer
- 2 Accumulator (surge drum)
- 3 Ice removal tool
- 4 Liquid Control Device
- 5 Double wall stationary drum (pressure tested at 377 psig – no sealed bearings)
- 6 HP liquid line
- 7 CFC-free insulation with PVC
- 8 Solenoid valve
- 9 Rubber wiper
- 10 Dry, sub-cooled flake ice
- 11 Hand-throttle valve
- 12 Evaporator freezing surface
- 13 Salt tank
- 14 Water pump motor