



FLAKE ICE MAKER

STAINLESS STEEL

From the ***Cascade Series by North Star***, the S5 stainless steel flake ice maker is designed to meet demanding food safety and sanitation requirements. Constructed with all stainless steel components, the S5 produces quality, sub-cooled flake ice for efficient heat removal, while offering long-lasting durability. With a production capacity of 2.5 US tons per 24 hours, this ice maker is the best choice for food processing applications to safely preserve the life of perishable goods.

FEATURES:

- Stainless steel freezing surface
- Stainless steel water path
- Reduced refrigerant charge
- Availability for use with natural refrigerants (CO₂, NH₃)
- Reduced weight
- Available with a maximum working pressure of 40 bar (580 psi)
- ASME & CE compliant

S5 Model | 2.5 US tons

FLAKE ICE MAKER STAINLESS STEEL

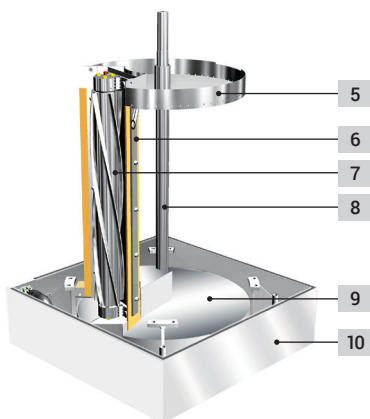
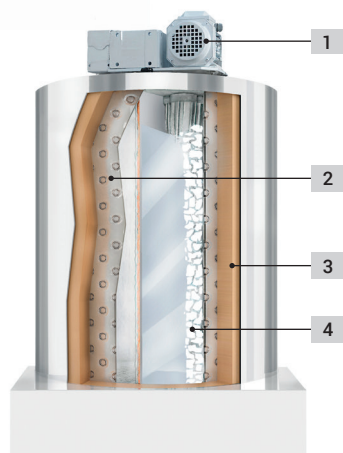
Production Capacity (24 hrs)*	Refrigerant	Water Temperature	Evaporator Temp.°	Refrigerating Capacity
2.5 US tons	R404A – CO ₂	59°F	-16.6°F	3.98 RT

Rotor Speed	Ice Thickness	Refrigerant Charge	Dimensions L x W x H (inches)	Net Weight
128 RPH	1.7mm	4.4 lbs	26.85 x 25.01 x 41.85	353 lbs

* 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.

ELECTRICAL CONNECTIONS

Description	Power Supply	Nominal Power	Amperage
Drive Motor	400 V / 3 / 60 Hz	0.32 hp	0.8 A
Pump	230 V / 1 / 60 Hz	0.25 hp	1.64 A



- 1 Heavy duty, adjustable speed gear reducer and torque limiter
- 2 Stainless steel stationary freezing surface
- 3 Stainless steel cover with CVC-free insulation
- 4 Dry, sub-cooled flake ice
- 5 Stainless steel upper water distribution tray
- 6 Stainless steel vertical deflector
- 7 Stainless steel ice removal tool
- 8 Stainless steel rotor shaft
- 9 Stainless steel lower water collection tray
- 10 Stainless steel insulated base