

# Elite Stainless Steel Ice Makers

North Star **Elite** stainless steel flake ice makers are designed to meet international food safety and sanitation requirements. These requirements consider ice used in food manufacturing as an ingredient, so ice making equipment must meet the same requirements as all other food processing machinery. Stainless steel has long been considered the best material for food processing equipment, including ice makers, and the **Elite**'s stainless steel components are standard throughout the water path, drive assembly, evaporator assembly and ice harvesting assembly to provide the ultimate option for durability, food safety and sanitation.

## **ELITE Model Stainless Steel Components**

- Solid Evaporator Freezing Surface
- Evaporator Top Closure Assembly
- Bottom Bearing Housing
- Bottom Bearing Housing Attachment Ring
- Evaporator Bottom Closure Plate
- Top Center Gear Housing
- Top Gear Housing Cover
- Water Inlet Splash Tube
- Solid Stainless Steel Rotor
- Top Ice Plow
- Ice Removal Tools
- Ice Removal Tool Locking Bars

- Bottom Ice Plow
- Vertical Ice Deflector
- Drip Shield Spray Tube
- Drip Shield Support Arms
- Drip Shield
- Water Receiving Pan & Support Arms
- Water Ring Support Arms
- Water Tank
- Water Tank Cover
- Salt Tank
- Water Pump Motor (TENV)

# Standard Equipment

- Accumulator (not applicable for FC)
- Installation / Service Manual
- Belt Guard
- Drive Unit, Complete
- Emergency Stop Switch
- Gauge Shut-Off Valve
- Inspection Hatch Guard
- Jog Switch
- Load-Limit Device

- Low Pressure Gauge
- Oil Drain Valve
- Pressure Relief Valve
- Refrigerant Liquid Control
- Salt Feeder Device
- Water Float Valve
- Water Flow Control Valve
- Water Make-Up Tank
- Water Pump, Complete





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#### **Features**

- LIFETIME WARRANTY on evaporator. (See full details on warranty sheet)
- U.S.D.A. approved materials.
- Three year warranty on North Star manufactured parts.
- Constructed to A.S.M.E. CODE for 150 PSIG (PED 10.4 bar for M-60 & M-90) working pressure. Also available, PED working pressure of 218 PSIG (15 bar). Inspection and U-1 test certificates furnished.
- High R-Value polyurethane insulation.
- Completely protected with reinforced fiberglass exterior.
- Fresh water ice with field adjustable ice thickness.
- Water path components are stainless, plastic, vinyl, copper, brass, bronze, UHMW, and PVC.

### Other Options Available - Priced on Request

- Additional SS components available for outside the machine, i.e. load limit switch body, motor drive channel, motor mounting plate, counterweight with support arm, drive support channel with top bracket, drive support channel extension (M-90 only), belt quard, and electrical control panel enclosure (box).
- 2. UL Electrical control panel (fiberglass enclosure) optional on all ice makers. CE approved control panels must be supplied by others.

Note: SS top gear housing not available on Model 10 Elite.

#### **Notes**

- Machines shipped on skids, export-crated or containerized.
- Specifications subject to change without notice.

# 1. Evaporator Freezing Surface 6. Top Ice Plow inside Drum 7. Ice Removal Tools 2. Evaporator Bottom Closure Plate 3. Top Center Gear Housing Cover 4. Water Inlet Splash Tube 5. Rotor Assembly 11. Drip Shield 12. Water Tank 13. Salt Tank

# STAINLESS STEEL COMPONENTS

- 8. Bottom Ice Plow
- 9. Vertical Ice Deflector
- 10. Drip Shield Spray Tube
- 14. Water Pump Motor (TENV)
- 15. Evaporator Top Closure Assembly
- 16. Water Receiving Pan and Support Arms
- 17. Bottom Bearing Housing
- 18. Bottom Bearing Housing Attachment ring
- 19. Top Center Gear Housing
- 20. Water Ring Support Arms
- 21. Ice Removal Tool Locking Bar
- 22. Drip Shield Support Arms
- 23. Water Tank Cover

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