

## North Star Equipment Ice Flaker System

Mfg: North Star

Model: M60-64

Stock No.: AAEC840.70

Serial No.: 35824-B

North Star Equipment Ice Flaker System. Model: M60-64. S/N: 35824-B. Carbon steel freezing surface area: 60 sq. ft. approximately 38.2 tons per day of 2 mm ice thickness (1.2 tons of refrigeration per U.S. ton of ice). Total refrigeration load 45.83 tons at -30 °F evaporation temperature. Baldor Industrial Motor, 1 hp, 1725 rpm, 208-230/460 V, 3.6-3.4/1.7 amps, 60 Hz, 3 phase. Electra Gear Speed Reducer, 40 ratio, 43.125 rpm (final). Makes ice from fresh water, seawater or other liquids. Produces more ice per ton of refrigeration than any other ice maker using an equally rated compressor. Makes sub-cooled ice with better cooling power than any other ice maker. Harvests ice continuously with no defrosts cycles. Reduces refrigeration losses with insulated fiberglass enclosure. Converts all make-up water to ice eliminating waste. Inlets: (1) 1 in. dia. feedwater pipe, (1) 1-1/2 in. dia. media port. Outlets: (1) 2-1/2 in. dia. wastewater, (1) 4 in. dia. media port, (1) 68 in. dia. discharge. Overall dimensions: 112 in. L x 76 in. W x 91 in. H.







**North Star flake ice is the most effective and economical choice for your cooling needs:**

**Faster cooling:** North Star flake ice has more than 17,000 square feet of surface area per ton of ice, providing greater cooling efficiency than any other ice. Other types of ice, such as tube, plate, shell or crushed, offer only 4,250 to 13,500 square feet of cooling surface area per ton of ice.

**Thorough product mixing:** North Star flake ice melts rapidly to dissipate heat and add moisture to mixtures, aiding the blending process, and will not damage blending equipment.

**Better product coverage:** Flake ice is formed in flat flakes which flow more freely and provide greater contact area than any other type of ice.

**Greater product protection:** North Star flake ice remains dry, packs well and cushions products against damage. Its flat shape will not create indentations in perishable products.

**Easier storage and distribution:** North Star flake ice is completely dry, so it will not rapidly fuse together in a low-temperature storage bin or clog screw conveyors or pneumatic delivery systems.

**Cost-effective production:** Flake ice is the most economical ice to produce, requiring only 1.3 tons of refrigeration per ton of ice from 60°F (16° C) water.

**Cooling Surface Area Per Ton of Ice**

