

Tube-Ice Machine Identification

M1500 to M4000 Series

The M1500 thru M4000 Series evolved from the M1000 and M2000 Tube-Ice machines that began regular production in the late 1940's. The M1000 and M2000 produced 1000lbs and 2000lbs per day respectively. Through improvements in design, by 1971 these models were upgraded to 1500lbs and 2500lbs per day, hence the M1500 and M2500. These two models both have 1-1/2" diameter tubes. In 1973, Vogt introduced the mini-tube (1" diameter ice) with two new models, M1800 and M3000. The M4000 began production in late 1976 and all M-Series continued through the introduction of the HE Tube-Ice machine in 1989. All M-Series were designed for use with R-12 refrigerant and can be converted to MP-39. The framework is stainless steel with solid side panels and a full length removable front casing that hangs from the frame top angle. All models have selector switches and are capable of making either cylinder or crushed ice, or both on a partitioned ice bin. All models are also equipped with Carlyle semi-hermetic compressors (green). The serial number nameplate is located on the upper left corner of the right side panel as depicted below. Note: the nameplate may not be visible due to ceiling height especially on the M2500 and M4000. Also note that the serial number does not contain a date code.



Serial Number Data Code: In 1989, Vogt began adding a date code to the serial number of the ice machine. The code consists of three characters at the beginning of the serial number, two numbers and one letter. These digits depict the year and month of manufacture (89A = January 1989)

HEB Series

Production of the original HE Series (Hi-Efficiency) Tube-Ice machine began in June 1989 with the introduction of Refrigerant-22. The serial number date code range starts at 89F and ends with date code 94J in September of 1994. Models include HE10, HE20, HE30 and HE40 in either 1" tube or 1-1/4" tube. The HE10 was manufactured with a Manerop hermetic compressor and the HE20 utilized a Copelematic semi-hermetic compressor (black). The HE30 and HE40 both have Carlyle semi-hermetic compressors (green). The front casing for the HE Series consists of an upper and lower section that are held in place by 1/4 turn screws. The serial number nameplate for the unit was originally located in the upper left corner of the right side casing as depicted below. The nameplate was moved to the lower left corner prior to the introduction of the HEC Series.



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HEC Series

The HEC Series Tube-Ice machine was manufactured between October 1994 and November 1997 with serial number date codes beginning with 94K to 97L. Models include HEC10, HEC20, HEC30 and HEC40 in either 1" tube or 1-1/4" tube. The HEC Series was the first model to utilize a PLC. The HEC10 has a Copelematic semi-hermetic compressor (black) and the HEC20 is equipped with a scroll compressor. The HEC30 and HEC40 both have Carlyle semi-hermetic compressors (green). The serial number nameplate for the unit is located in the lower left corner of the right side casing as depicted below.



HES Series

The HES Series Tube-Ice machine was introduced in January 1998 with serial number date codes beginning with 97L. Models include HES20, HES30 and HES40 in either 1" tube or 1-1/4" tube. Distinguishing features of the HES Series include removable side casings on a blue angle framework, an integral drip pan, and a red fault indicator light that is visible through an opening in the front casing. All models also have Copeland Scroll compressors. The original design through 2010 utilized a control panel across the front of the machine with the serial number nameplate located on the front of the control panel.



The HES Series control panel was upgraded to a Hoffman enclosure in 2010. The serial number nameplate is located on the upper right corner of the control panel door as shown below.

