

# VOGT TUBE-ICE<sup>®</sup> MACHINES

## Model P118

### FEATURES:

- Optional 404a Refrigerant
- Copeland Compressor
- Low-side Float
- Welded connections and super hose
- Larger water cooled condenser
- Structural tubing frame
- Optional Power Monitor
- Optional insulated stainless steel casings

### BENEFITS:

- Environmentally friendly HFC
- Greater durability and efficiency
- Simple, proven, pre-set at factory
- Reduces possibility of leaks
- More tolerant to extreme conditions
- More durability
- Protects compressor vs. low or high voltage
- Reduces noise level to 65 decibels

### **Standard Construction:**

All surfaces in contact with water or ice are of stainless or other rust-resistant materials and does not include exterior panels.

### **Electrical Requirements:**

Standard is 208/230V, 3 ph, 60 Hz.  
Other configurations are available on request including 50 Hz.

### **Tube-Ice Evaporator & Refrigerant Receiver:**

Manufactured in accordance with the A.S.M.E. Code with a 25-year warranty on domestic installations (see Tube-Ice warranty for details). R22 is the standard refrigerant.

### **Remote Control Panel (Optional):**

The control panel switch box can be removed from the machine and furnished in a remote enclosure if specified an time of order. The switch box contains on/off, manual harvest/start and stop buttons.



### **Standard Ice Size:**

- Tube-Ice approximately 7/8" Diameter X 1" Long (S Models)
- Tube-Ice approximately 1 1/8" Diameter X 1" Long (M Models)
- Tube-Ice approximately 1 3/8" Diameter X 1" Long (L Models)
- Crushed Ice 3/16" to 1/4" Thick on all models (approx. 32 lbs/ft<sup>3</sup>)



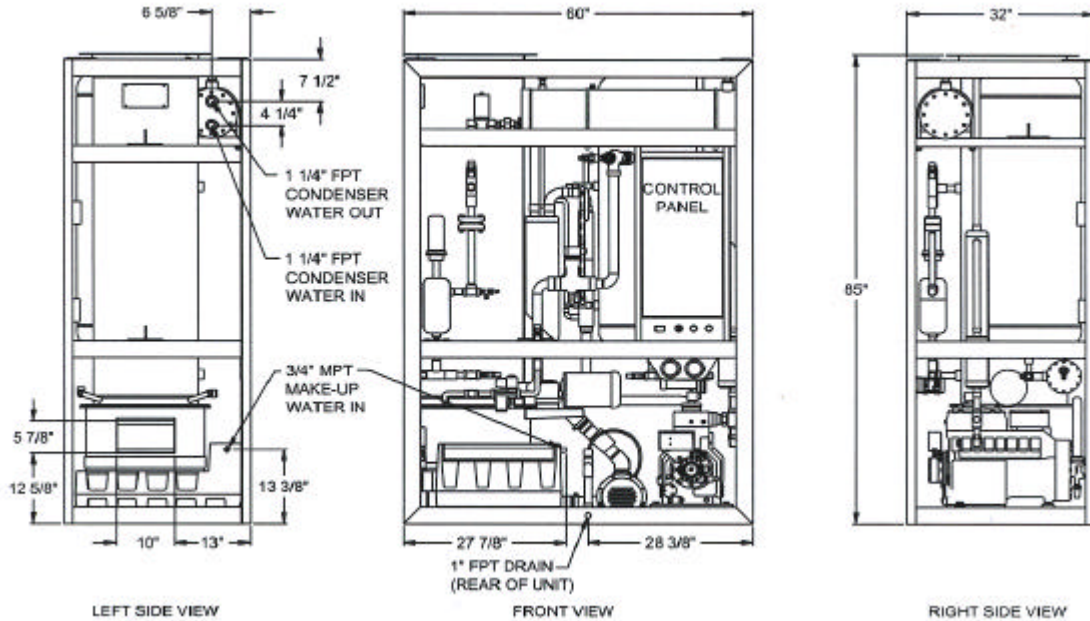
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# VOGT TUBE-ICE MACHINES

Model  
P118F



## SPECIFICATIONS

	MODEL P118 - 1"				MODEL P118 - 1 1/4"				MODEL P118 - 1 1/2"			
	CAPACITY LBS/24HR	KWH PER 100 LBS	WATER REQUIREMENTS (GPM)		CAPACITY LBS/24HR	KWH PER 100 LBS	WATER REQUIREMENTS (GPM)		CAPACITY LBS/24HR	KWH PER 100 LBS	WATER REQUIREMENTS (GPM)	
WATER TEMPERATURE			ICE MAKING	CONDENSER			ICE MAKING	CONDENSER			ICE MAKING	CONDENSER
90 °F	9200	3.44	0.90	68	8400	3.71	0.84	68	7900	3.79	0.83	68
80 °F	10200	3.23	0.94	25	9200	3.50	0.89	25	8700	3.58	0.88	25
70 °F	11000	2.92	1.00	15	10000	3.15	0.94	15	9500	3.23	0.93	15
60 °F	11800	2.73	1.04	11	10800	2.96	0.99	11	10100	3.02	0.98	11
50 °F	12400	2.51	1.10	8	11200	2.74	1.05	8	10700	2.80	1.04	8
ICE SIZE	CYLINDER 7/8" DIA X 1" LONG				CYLINDER 1 1/8" DIA X 1" LONG				CYLINDER 1 3/8" DIA X 1" LONG			
	CRUSHED ICE 3/16" TO 1/4" THICK CAN BE PRODUCED WITH OPTIONAL CONVERSION KIT											
WEIGHT	SHIPPING 3,300											
STANDARD ELECTRICAL REQUIREMENTS	66.9 F.L.A. WATER COOLED						76.9 F.L.A. AIR COOLED					
	208/230 VOLT 3 PHASE 60 HERTZ (OPTIONAL ELECTRICAL ARRANGEMENTS ON REQUEST)											
STANDARD CONDENSING UNIT	15 H.P. (HIGH EFFICIENCY, ENERGY SAVING COPELAND DISCUS COMPRESSOR)											
	STANDARD REFRIGERANT R-22 WITH SEMI-HERMETIC COMPRESSOR AND WATER COOLED TUBE TYPE CONDENSER (REMOTE AIR COOLED CONDENSER OPTIONAL)											
NOTE: CAPACITY BASED ON AMBIENT (AIR) TEMPERATURE OF 90 °F						FOR CRUSHED ICE MULTIPLY CAPACITY BY 1.04 AND KWH BY 0.96						
MAKE-UP WATER INCLUDES 20% BLOWDOWN						ICE CAPACITY IS 5% LOWER FOR OPERATION ON 50 HERTZ CURRENT						
KWH BASED ON 60HZ OPERATION						CAPACITY SHOWN IS THE AVERAGE (Individual machines may vary by ± 5%)						

Vogt reserves the right to change designs and specifications without notice.



A Subsidiary of Vogt Ice LLC

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### Operating Conditions:

The ice machine shall not be subjected to an atmospheric temperature lower than 50 °F nor higher than 90 °F, without effect on performance. Water for condensing and for ice making purposes shall be non-corrosive.

The water shall be at a constant pressure of not less than 30 psig at the ice machine location. The condition of the water to make satisfactory ice shall be the responsibility of the purchaser.

### Air-Cooled Condensers:

The air-cooled condensers are available as remote units only, with 50/50 split coil and low ambient controls. Vogt requires that the air-cooled condensers be purchased from the Vogt factory for warranty consideration and in order to assure proper sizing a