

P34FXL SERIES TUBE-ICE MACHINE

80 Ton per Day R404a Low-Side



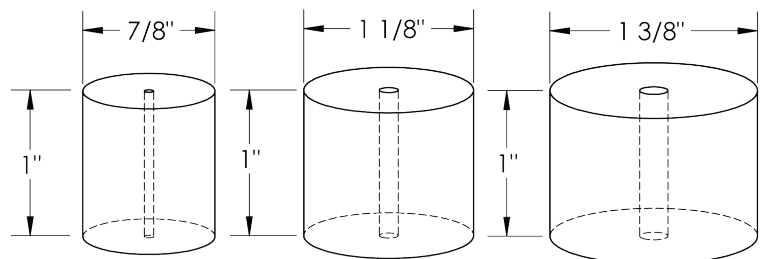
The P34FXL Series with a capacity of 80 tons of ice per day is a low-side Tube-Ice machine designed to operate with a dedicated R404a high-side or on a central refrigeration system. The P34FXL will provide you with many years of dependable service.

Heavy-duty industrial construction, automatic operation, energy efficiency and the best warranty in the business make Vogt Tube-Ice machines the only "clear" choice for your ice making needs.

P34FXL Standard Features:

- ★ 25 Year Evaporator Warranty
- ★ Up to 80 tons of ice per day
- ★ Voltage - 230v.,3p.,60hz.
- ★ Control Voltage - 230v.,1p.,60hz
- ★ UL 508A Industrial Control Panel
- ★ Manufactured in accordance with A.S.M.E. code
- ★ Standard ice length 1"

P34FXL Tube-Ice Available in Three Ice Sizes:



Not to Scale

P34FXL Options:

- ★ Voltage -460 v.,3p.,60hz.
- ★ Voltage - 400v.,3p.,50hz.
- ★ Voltage - 575v.,3p.,60hz.
- ★ 120v Controls
- ★ PLC Control panel (programmable logic controller)
- ★ Power monitor
- ★ Cutter for 1-1/2" long ice
- ★ Cutter for crushed ice
- ★ All stainless steel
- ★ "CE" Approval (400v, 50hz only)
- ★ Canadian Registration Number (CRN)
- ★ R22 Operation
- ★ R507 Operation

Operating Conditions

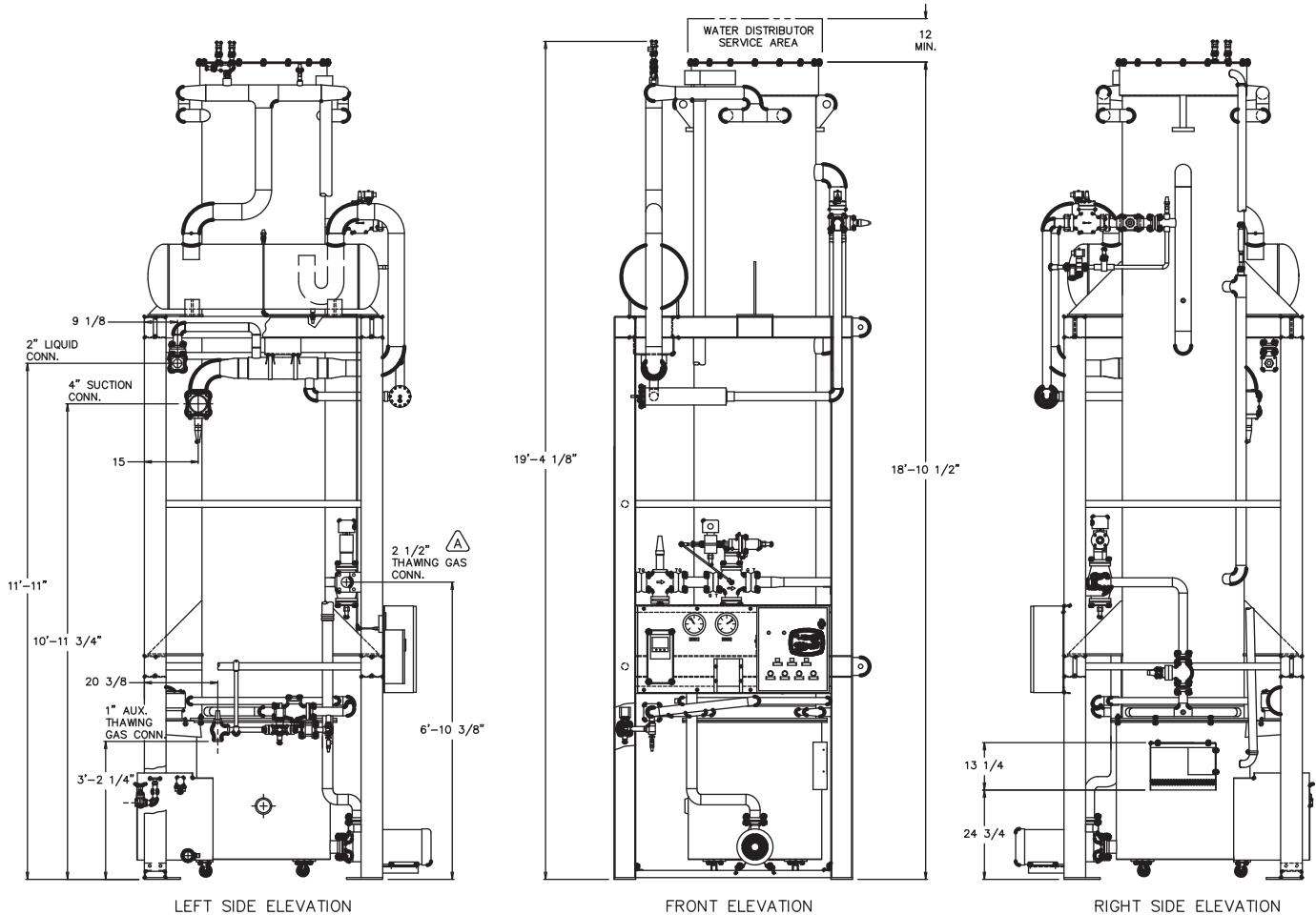
The ice machine shall not be subjected to an atmospheric temperature lower than 50 ° F. (10 ° C.) nor higher than 90 ° F. (32 ° C.) without effect on performance. Water for condensing or ice making purposes shall be non-corrosive.

The water shall be at a constant pressure no less than 30lbs. at the ice machine location. The condition of the water to make satisfactory ice shall be the responsibility of the purchaser.



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P34FXL STANDARD CAPACITY TONS OF ICE PER 24 HOURS @ 10 ⁰ F (-12 ⁰ C) SUCTION (FLOODED)												
Water Temperature	7/8" Diameter Ice			1-1/8" Diameter Ice			1-3/8" Diameter Ice					
80 ⁰ F (27 ⁰ C.)	64.4			63.5			51.2					
70 ⁰ F (21 ⁰ C.)	67.2			66.5			53.8					
60 ⁰ F (15 ⁰ C.)	70.2			69.8			56.6					
50 ⁰ F (10 ⁰ C.)	73.6			73.4			59.8					
Shipping Weight	12,750			12,500			12,200					
Operating Weight	16,650			16,400			16,100					
CAPACITY TABLE, TONS OF ICE PER 24 HOURS (AT SUCTION TEMPERATURE ⁰ F) (Flooded)												
Water Temperature	0 ⁰ F (-18 ⁰ C)			5 ⁰ F (-15 ⁰ C)			15 ⁰ F (-9 ⁰ C)			20 ⁰ F (-7 ⁰ C)		
	7/8"	1-1/8"	1-3/8"	7/8"	1-1/8"	1-3/8"	7/8"	1-1/8"	1-3/8"	7/8"	1-1/8"	1-3/8"
80 ⁰ F (27 ⁰ C.)	83.0	83.6	68.7	74.2	74.0	60.3	53.4	52.1	41.5	41.0	39.5	31.1
70 ⁰ F (21 ⁰ C.)	86.3	87.2	71.9	77.3	77.4	63.2	55.8	54.6	43.7	43.0	41.5	32.8
60 ⁰ F (15 ⁰ C.)	89.8	91.2	75.4	80.6	81.0	66.4	58.5	57.5	46.1	45.2	43.8	34.6
50 ⁰ F (10 ⁰ C.)	93.6	95.4	79.3	84.2	85.0	69.9	61.5	60.6	48.7	47.7	36.7	36.7
Capacity based on 50 gallon blowdown per cycle with 4 minute harvest.												