

TIGAR 3610

Turbo's TIGAR 3610 ice generator produces a nominal 25 US tons per day of .25" thick ice. The type of ice produced is the clear, hard fragmented type of ice preferred for most industrial uses whether cooling a reaction or keeping a food product preserved.

The design offers the best features of the TIG and C Line product series: Hot gas harvest for efficiency, proven ice making plate design, simple water distribution and sanitary materials of construction.

This ammonia low side ice maker utilizes either flooded or liquid recirculated design.



Features

- Produces hard, clear fragmented ice
- TR/TI- efficient operation
- Ice discharges from bottom of unit
- Single section operation with control valves located outside ice making zone
- Stainless steel or food grade plastic in contact zones
- Proven plate technology, life cycle tested to 1,000,000 cycles

Benefits

- Long lasting, best packing density of any ice produced
- Cost per ton of ice produced one of the lowest in the industry
- Simple integration into any ice system – screw conveyor not necessary
- Simple control valve design and easy access for maintenance
- Sanitary ice manufactured
- Long life (20+ years) expected from this equipment

Vogt®

Tube Ice | Turbo
Engineered To Endure.

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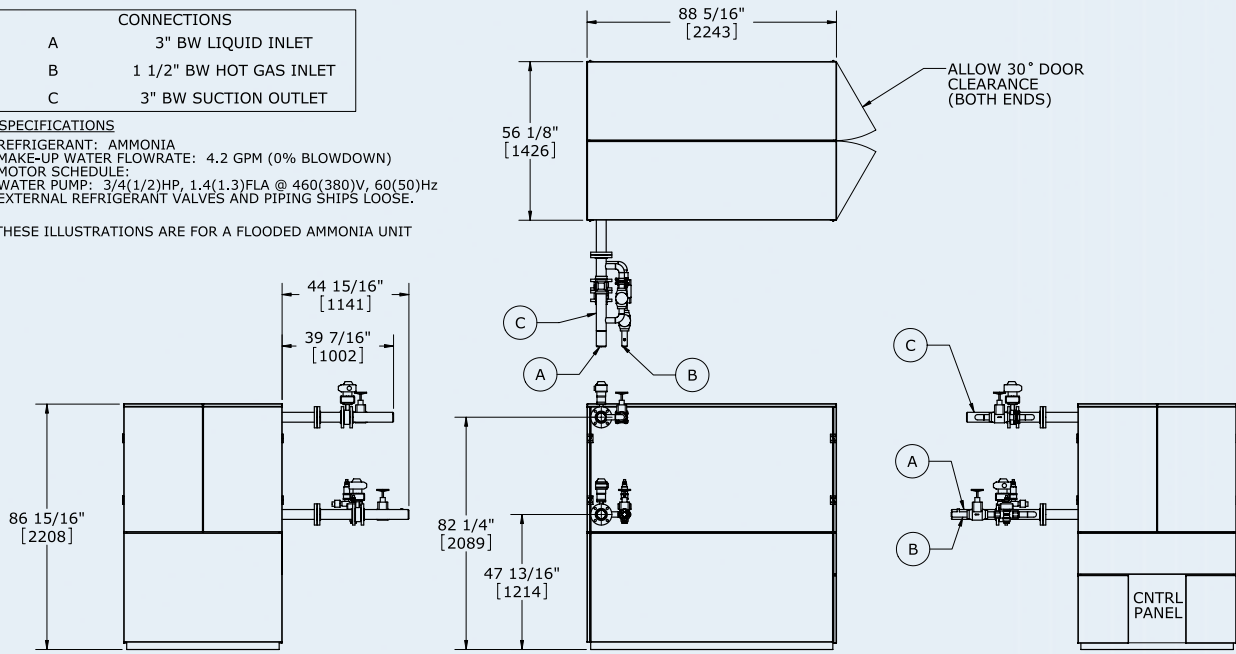
TIGAR 3610 Specifications

CONNECTIONS	
A	3" BW LIQUID INLET
B	1 1/2" BW HOT GAS INLET
C	3" BW SUCTION OUTLET

SPECIFICATIONS

REFRIGERANT: AMMONIA
 MAKE-UP WATER FLOWRATE: 4.2 GPM (0% BLOWDOWN)
 MOTOR SCHEDULE:
 WATER PUMP: 3/4(1/2)HP, 1.4(1.3)FLA @ 460(380)V, 60(50)Hz
 EXTERNAL REFRIGERANT VALVES AND PIPING SHIPS LOOSE.

THESE ILLUSTRATIONS ARE FOR A FLOODED AMMONIA UNIT



Metric Ratings

Model	Ice Producing Capacity		Refrigerating Capacity		Overall Dimensions, cm			Shipping Weight Kgs	Harvest Motor Kw	Water Pump		Water Consumption Rate		Water Consumption Rate	
	Metric Ton/24 Hours		Kw		L	W	H			Kw	Qty	M ³ /Hr		M ³ /Hr	
	Ice Thickness, mm		Ice Thickness, mm									Ice Thickness, mm		Ice Thickness, mm	
	6	12	6	12	6	12	6			12	6	12	6	12	
3610	23	20	143	124	224	142	221	1,451	0.7	0.6	1	0.9	0.8	1.2	1.0

U.S. Ratings

Model	Ice Producing Capacity		Refrigerating Capacity		Overall Dimensions, cm			Shipping Weight Pounds	Harvest Motor HP	Water Pump		Water Consumption Rate		Water Consumption Rate		
	U. S. Tons/24 Hours		TR		L	W	H			HP	HP	Qty	Gallons/Minute		Gallons/Minute	
	Ice Thickness, inch		Ice Thickness, inch										Ice Thickness, inch		Ice Thickness, inch	
	1/4	1/2	1/4	1/2	1/4	1/2	1/4			1/2	1/4	1/2	1/4	1/2	1/4	1/2
3610	25	22	40.7	35.2	88.3	56	87	3,200	1	0.75	1	4.2	3.7	5.2	4.6	

Water Temperature Correction:

Entering Water Temp	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
		50	10.0	60	15.5	70	21.1	80	26.7	90	32.2	100
Correction Factor	1.062		1.000		0.945		0.896		0.851		0.811	

Principal of Operation

