

Evapco Cooling Tower

Mfg: Evapco

Model: PMCA-125

Stock No. LCNM005.

Serial No. 929394

Evapco Cooling Tower.

- Model PMCA-125.
- S/N 929394.
- Belt No. 2B-99.
- Coil Test Pressure 350 psig.
- Manhole 20 in. diameter.
- Has and Electrical Motor Pump: Model YVJ145TTDR5348AA, 1-½ hp, 1,735 rpm, 60 Hz, 3 phase, 208/230/460 volt, 190/380 amps,
- Inlets (1) 2 in., Outlet (1) 2 in.
- Opening on top is 58 in. W, 103 in. L.
- Has 17 sprayers for Water on top.
- Has two fans each at 51 in. diameter.
- Overall measurements: 75 in. W, 108 in. L, 74 in. H.





Evaporative Condenser Data Sheet



A Contractor

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 S. W. R. Sales
 13423 Blanco Road, #303
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Project: GENEMCO
 Location: Edinburg, Texas
 Product Type: LSCB Evaporative Condenser

Date: 11/10/04 Page: 1

Selection Criteria

Total Heat of Rejection (MBH): 1,250.000
 Refrigerant: NH3
 Condensing Temp (F): 95.0
 Wet Bulb (F): 78.0

Selection

Qty	LSCB Model	Capacity (MBH)	Percent Capacity
1	135	1,350	108.0

All Weights, Dimensions and Technical Data are Shown per Unit

# Fans:	4				
# Fan Motors @ HP:	(1) @	10.00 (460/3/60)		Overall Length :	11' 11.75"
# Pump Motors @ HP:	(1) @	1.50		Overall Width :	4' 0.63"
				Overall Height :	7' 11.50"
Air Flow (CFM):		23,800			
Spray Water Flow (gpm):		245		Operating Weight (lbs):	7,580
				Shipping Weight (lbs):	5,720
Evaporated Water Rate (gpm):		2.0		Heaviest Section (lbs):	3,960
Recommended Bleed Rate (gpm):		2.0			

Pricing

Base Model:

Options Selected

Total Price per Unit, Ex Factory:		\$14,083
Number of Units:	x	1
Total Price for Location, Ex Factory:		\$14,083
Estimated Inland Freight:		1,314
Freight Allowed Price:		\$15,396

The PMCA-125 model is obsolete. The new model is the LSCB-135.

Sound Data (Sound Pressure Level)

	Conn End	Fan Side	Opp End	Back	Top
S.P.L. dB(A) at 5'	73	78	73	73	77
S.P.L. dB(A) at 50'	59	62	59	58	61

Note 1: Sound Data shown is for 1 cell operating at full speed

Note 2: The use of frequency inverters (Variable Frequency Drives) can increase sound levels.

Note 3: Sound option(s) selected: None.

Layout Criteria

Recommended Clearances Around Units (Feet)

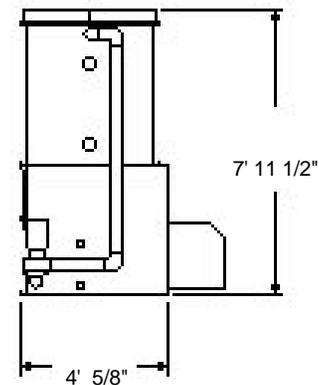
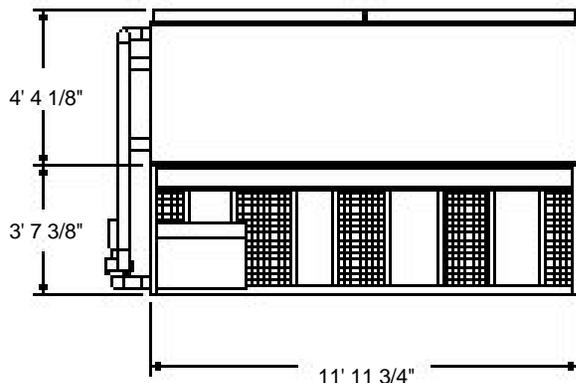
Elevation:	0	Distance From Wall to Unit With Air Inlet Facing Wall:	5
		Distance Between Units With Air Inlets Facing Each Other:	10

Refer to the Equipment Layout Manual or contact your Sales Representative for more details on layout criteria.

Shipping Data

Description Section	Domestic Skidded Dimensions (in)			Cubic Feet	Total Cubic Feet	Gross Wt (lbs)	Total Gross Wt (lbs)
	Length	Width	Height				
Basin:	1	163	50	48	226	226	1,760
Casing:	1	161	45	57	239	239	3,960
Totals:	2				465	465	5,720

Shipping Notes: Can ship as (1) piece



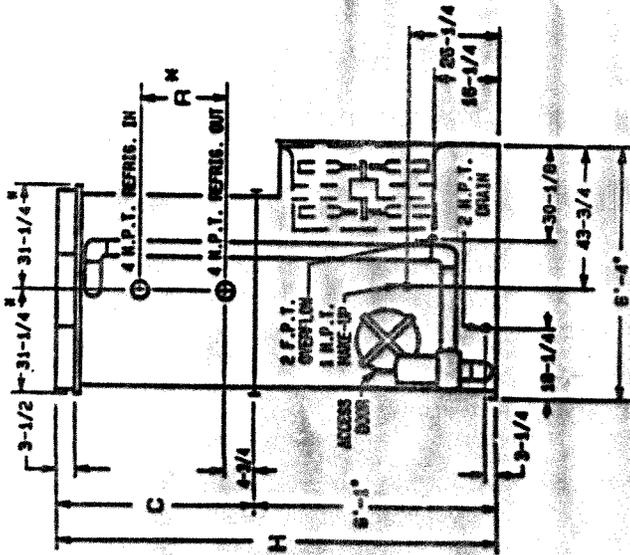
Notes:

1. Make-up water pressure 20 psi MIN. 50 psi MAX.
2. Do not use drawings for certified prints. Dimensions subject to change.

Connections:

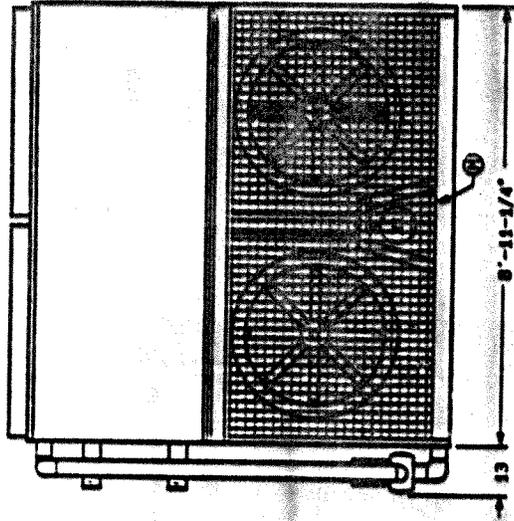
Description	Qty	Size	Type
Inlet:	1	4.00	Male Pipe Thread
Outlet:	1	4.00	Male Pipe Thread
Make-Up:	1	1.00	Male Pipe Thread
Drain:	1	2.00	Female Pipe Thread
Overflow:	1	2.00	Female Pipe Thread

1		Model: LSCB 135		Customer A Contractor		Project: GENEMCO		
Qty: Capacity:		Fan Motors:		Pump Motors:		Weights (lbs):		
Refrigerant:	NH3	Qty:	1	HP:	10.00	Shipping:	5720	
THR (MBH):	1250.0000	Type:	TEFC		HP:	1.50	Operating:	7580
Cond Temp (F):	95.0	Elec:	460/3/60		Type:	TEFC		
Wet Bulb (F):	78.0			Elec:	460/3/60		Heaviest:	3960
							No. Sections:	2
							 P.O. Box 1300 Westminster, MD, 21158 Phone 410-756-2600 Fax 410-756-6450	



NOTES:

1. FAN MOTOR LOCATION
2. MAKE-UP WATER PRESSURE 20 PSI MIN. 50 PSI MAX.
3. 1/2" DIA. DRAINING HOLES. REFER TO RECOMMENDED PIPING SCHEDULES FOR SIZES.
4. PRE-FABRICATED CONNECTION. DO NOT USE FOR REFRIGERANT CONNECTION. DO NOT USE FOR REFRIGERANT CONNECTION.



MODEL	WEIGHTS		DIMENSIONS		
	SHIPPING	OPER.	H	C	R
PCCA 125	8240	7840	10'-3-3/4"	4'-3-3/4"	30'-3/4"
PCCA 140	9300	7950	10'-3-1/4"	4'-3-1/4"	30'-3/4"
PCCA 155	7140	6780	11'-3-3/4"	5'-3-3/4"	33'-1/4"

CERTIFIED FOR: Friscandia Food Processing Systems

CUSTOMERS ORDER NO. FP-0154

EVAPCO NO. 929394

CAPACITY 1.655 MBH THR

REFRIG 95°F

COND

SUCT

70°F W.B

FAN MOTOR (1) 5 2 spd/1 vnd

HP. ELEC. SPEC. 460/60/3

PUMP MOTOR (1) 1-1/2

HP. ELEC. SPEC. 460/60/3

REMARKS Unit furnished with (1) 4KW electric fan heater, 460/60/3, with thermostat and low water cutoff. Drives sized for 0" ESP.



evaporative condenser

REV.

DATE: 12/22/92 GJP