

Marley Cooling Tower

Mfg: Marley

Model: Series 220

Stock No. ACEU25

Serial No. 221-111 3-1124089

Marley Cooling Tower

- Model Series 220, S/N 221-111 3-1124089.
- Motor 3 phase, Inlet on top 4 in. diameter. Induction Motor TECO, 5 hp, 230/460 volt, 13/6.5 amps, 1,750 rpm,
- Fan S/N 72H36 1479.
- Overall measurements 99 in. wide (with motor), 77 in. wide (without motor), 17 ft. length, 10 ft. high.



WORK ORDER

MARLEY ORDER NO.
3-794-91

CUST. CODE	IND. CODE 4	PRD. AN# 190	SALES OFFICE Jacksonville
CUST. ORDER DATE 11/5/90	CUST. ORDER NO. 10139	CUST. CLASS CONTR	SALES OFF. NO. 11-023-90

ENTERED BY TC	DATE ENTERED 11/9/90	MODEL NO. NC211
EST'D. DLVY. DATE	REC'D. DLVY. DATE 12/14/90	<input type="checkbox"/> TOWER ONLY <input checked="" type="checkbox"/> TOWER & BASIN

SHIP TO:
**Jacksonville Job Corps
205 West Third St.
Jacksonville, FL 32206**

ATTN: **FRED HEFT**

SERIES NC

SERIAL NO. **NC 211 - 3 - 794 - 91**

DELIVERING RAIL CARRIER

B/L INSTR TO DELIVERING CARRIER NOTIFY **FRED HEFT**

HOURS PRIOR TO DELIVERY PHONE COLLECT **904-398-1414**

REQUESTED ROUTING **Track**

PREPAID CUSTOMER MARKING
 COLLECT

SERVICE REQ. NO. _____

MOTOR FRAME **254 T** ; AMAPS NO. _____

PIPING PLAN **IA1**, OUT. DIA. **6**"

EQUALIZER DIA. _____ (PIPING PLAN 1E1 ONLY)

FLOAT VALVE - 1" 2" NONE

H. C. VALVES.

EXTERNAL LUBE LINE W/DIPSTICK

AIR INLET SCREEN.

HOT WATER BASIN COVERS. (800 & 900 ONLY)

LADDER & HR W/SGL. LDR.

LADDER & HR W/TWO LDRS.

LADDER EXTENSION ACTUAL LENGTH _____ FT.

UNATTACHED LADDER. (100 THRU 700 ONLY)

LADDER SAFETY CAGE

M-1 VIBRATION SWITCH.

SS TOWER.

SS COLD WATER BASIN.

ELECTRIC BASIN HEATER MODEL NO. _____

PENBERTHY STEAM HEATER INLET DIA. _____"

FAN CYLINDER EXTENSION _____ FT.

FIELD INSTALLED MOTOR.

K/D TOWER (DOM. & INT.)

SIDE SUCTION W/DRAIN & OVERFLOW

FM TOWER (100 THRU 600 ONLY)

MOTOR OUTSIDE AIRSTREAM

AVP FAN

MANUAL AVP FAN CONTROLLER

AUTOMATIC AVP FAN CONTROLLER

CUSTOMER SUPPLIED AVP FAN CONTROLLER

SPECIAL FAN PITCH _____

SPECIAL SALES DRAWINGS

CONTRACT SPECIALS

SOLD TO (TO APPEAR ON INVOICES) CHECK IF SPEC. MAIL. INSTR. AT BOTTOM OF FORM.

**Howard Services
1009 Vine Street
Jacksonville, FL 32207**

F.O.B. POINT **Factory, FLA Louisville**

TERMS: NAME & ADDRESS OF BANK IF SIGHT DRAFT. (SHOW SEPARATE FOR EACH ITEM.)

MATERIAL: **Net 30 days**

LABOR:

RETENTION:

COPIES REQ. OF EACH

INVOICES

B/L WITH INVOICE

WALVER OF LIEN FORMS

CUST. FORMS

W/EACH INV. W/FINAL INV.

SALES TAX IDENTIFICATION NUMBER **AAA Tax**

CERTIFIED COPIES OF PAYROLLS REQUIRED _____

NO COPIES _____ SUBMIT WEEKLY _____ W/INV. _____

USER NAME AND ADDRESS (CITY AND STATE)

Job Corps, Jacksonville, Florida

NAME & CITY LOCATION OF SPECIFYING ENGINEER

Fred Heft - Jacksonville, Florida

PERFORMANCE	GPM	HW	CW	WB	BHP		
	690	95	85	79	15		
MOTOR CLASS	QUANTITY	S.F.	HP	PH	CYC	VOLT	RPM
TKFC	1	1.0	15	3	60	230/460	1800

MOTOR SPECIALS - SINGLE SPEED 2 SPEED 1 WIND 2 SPEED 2 WIND

STOCK MOTOR NO. _____

F. I. NO. _____

OPERATING MANUAL

Jax

COPIES **6**

TRAS APPR. REV.

ENGRS APPR. AS YET

NO. OF COPIES _____

SPECIAL INSTRUCTIONS

11-20 DT

1-7-91

S-3119H 1/90

CONTRACT BASIS - MARLEY (M) OR CUSTOMER (C)

UNLOAD & HAUL	HOIST	SUPERVISION	ERECT ON LABOR
C	C	C	C

GEAR BOX SER NO _____ M.O. NO _____

TOWER DELETED SCHED. ASSY. WK. _____ FINAL S/O NO _____

CHANGE ORDER

PLEASE schedule tower to ship 1/4/91

S-1521 K

TC 11/14/90

SHIP	KC	LV
DELY.	ST	OL

B/M & DRWG. RELEASE DATE

FREIGHT IN ORDER OR ESTIMATED **784**

IA
 VER: J1T042
 DATE: 11/19/90

CONTRACT PROCESSING PROGRAM
 MODEL NC211 MATERIAL LIST
 CELL 1 OF PLAN IA1

PRODUCT CODE: 190
 PN:NC006865840200

5/1240475

ORDER NUMBER...3-794-91
 C.O.NO/REV.....NONE
 FAN MODEL.....84-H3-6
 FAN ASSY.....496232L
 FAN RPM.....463
 FAN PITCH IS...42 1/2 DEG.
 12/11

FOB PLANT.....LOUISVILLE
 EFFECTIVITY....12/19/90
 GRDR MODEL.....20T (CC-2)
 GRDR RATIO.....3.78
 GRDR ASSY.....327890L
 CPLG/DS ASSY...312579L

26093
 26053

PGIT	DESCRIPTION	S	ITEM NO.	APS	QTY
	102. INSTAL DECAL		477349L	A	1
	103. INSTAL FIELD INSTAL NC100-NC300		635128L		1
	104. NOZZLE PLAS MET ORIF S.T. 68-3738-039L		702589L	A	180
	105. MTR 15HP 1S 3/60/230/460/1800 254T TEFC		495184L	A	1
	106. INSTAL M.E. NC20-21 254T&256T 60HZ		536425L	A	1
	113. INSTAL FV 1 DIA NC200-400 STD		550046L	A	1
	114. INSTAL FV NC100-600 FLOAT PLASTIC		688655L	A	1
	115. 6 DIA SIDE SUCTION W/O DRAIN & OF		508853L	A	1
	118. INSTAL BLANK COVER PLATE		517581L	A	1
	120. INSTAL STANDPIPE DR&OF NC100-NC600		010280L		1
	126. DWG OUTLET PIPING PLAN		618231C	A	1
	158. OPTION HC VALVE INSTAL 6DIA 85-3820		228254L		1
	167. INSTAL SALES DWGS STD NC200		618330L		1
	168. INSTR DM-MDT-A DOWNTIME MANUAL		630350C		1
	169. INSTR IOM MANUAL OM-NC1		632406C		1
	171. KIT CUSTOMER LITERATURE PACKAGE		122986L		1

CUST. CODE	NO. CODE	SALES OFFICE
	4 12a	Dallas
CUST. ORDER DATE	CUST. ORDER NO.	CUST. CLASS
2-1-89	0781JK	Cont.
SALES OFF. NO.		
8745X		

ENTERED BY	DATE ENTERED	MODEL NO.
MS	2/6/89	221-111
EST'D. DLVY DATE	REQ'D DLVY DATE	TOWER ONLY
	3-10-89	<input checked="" type="checkbox"/> TOWER & BASIN

SHIP TO:	SHIP NOTIF. TO:
T Lochridge Priest, Inc.	Sold to SBS
R 225 Lake Air Drive	
C Waco, Texas 76710	
SHIP NOTIF. TO:	

SERIES 200 & 223

SERIAL NO. **221-111-3-1124-89**

SERVICE REQ. NO. NONE

MOTOR FRAME 184T AMAPS NO. _____

DELIVERING RAIL CARRIER _____

B/L INSTR TO DELIVERING CARRIER NOTIFY Jim Kruse

24 HOURS PRIOR TO DELIVERY PHONE COLLECT 817/772-0670

- PIPING PLAN IDI OUT. DIA. 6
- EQUALIZER DIA. _____ (PIPING PLAN 1E1 ONLY)
- FLOAT VALVE - 1" 2" NONE
- H. C. VALVES.
- EXTERNAL LUBE LINE W/DIPSTICK
- AIR INLET SCREEN.
- HOT WATER BASIN COVERS.
- LADDER & HR W/SGL. LDR.
- LADDER & HR W/TWO LDRS.
- LADDER EXTENSION ACTUAL LENGTH _____ FT.
- UNATTACHED LADDER. (SERIES 221 & 222 ONLY)
- LADDER SAFETY CAGE
- M-1 VIBRATION SWITCH.
- SS TOWER.
- SS COLD WATER BASIN.
- ELECTRIC BASIN HEATER MODEL NO. _____ AMAPS NO. _____
- PENBERTHY STEAM HEATER INLET DIA. _____
- FAN CYLINDER EXTENSION _____ FT.
- FIELD INSTALLED MOTOR.
- K/D TOWER (DOM. & INT.)
- SIDE SUCTION W/DRAIN & OVERFLOW
- FM TOWER (SERIES 221 & 222 ONLY)
- MOTOR OUTSIDE AIRSTREAM
- AVP FAN
- MANUAL AVP FAN CONTROLLER
- AUTOMATIC AVP FAN CONTROLLER
- CUSTOMER SUPPLIED AVP FAN CONTROLLER
- SPECIAL FAN PITCH _____
- SPECIAL SALES DRAWINGS
- CONTRACT SPECIALS

REQUESTED ROUTING **Best Way**

PREPAID CUSTOMER MARKING

COLLECT

SOLD TO: (TO APPEAR ON INVOICES) CHECK IF SPEC. MAIL INSTR. AT BOTTOM OF FORM.

Lochridge Priest, INC.

P. O. Box 7624

Waco, Texas 76710

F O B POINT SP/FFA

TERMS: NAME & ADDRESS OF BANK IF SIGHT DRAFT. (SHOW SEPARATE FOR EACH ITEM.)

MATERIAL: NET 30

LABOR:

RETENTION:

COPIES RECD OF EACH	INVOICES	B/L WITH INVOICE	WALVER OF LIEN FORMS		
			CUST FORMS	W/EACH INV.	W/FINAL INV.
SALES TAX EXEMPTION NUMBER		CERTIFIED COPIES OF PAYROLLS REQUIRED			
		NO COPIES _____ SUBMIT WEEKLY _____ W/INV. _____			

USER NAME AND ADDRESS (CITY AND STATE)

Killeen ISD - Killeen, Texas

NAME & CITY LOCATION OF SPECIFYING ENGINEER

Lochridge Priest, Inc. - Waco, TX

PERFORMANCE	GPM	HW	EW	WB	BHP		
	350	95	85	78	5		
MOTOR CLASS	QTY	HP	PH	CYC	ALT	RPM	
TEFC	1	1.15	5	3	60	460	1800

MOTOR IS CUSTOMER SUPPLIED & WILL NOT SHIP TO PLANT.

MOTOR SPEC. ALL IS NO. 1 SPEED 2 SPEED WIND 2 SPEED 2 WIND

(Motor By Others)

STOCK MOTOR NO. _____

PLANT NO. _____ VENDOR _____ DATE _____

OPERATING MANUAL COPIES **6**

ENG. ERECT. & MANUAL **SBS**

TRANS. APPR. _____ DATE _____

DRWG. APPR. **XX**

S-3119G

SPECIAL INSTRUCTIONS

CONTRACT BASIS - MARLEY (M) OR CUSTOMER (C)			
UNITED STATES	NO.	PERSON	ERECTOR
C	C	C	C
SEAR BOX SER. NO.	MOTOR		
TOWER DEL. BY <input type="checkbox"/>	SCHED. ASSY. BY _____	FINAL S. O. NO. _____	

CHANGE ORDER

2-4 Lt

4-4

SHIP KC LV

DELY. ST DL

DRWG. SE DATE _____

FREIGHT IN ORDER OR ESTIMATED **\$1021**

2/8/89
 VER 48.01
 PAGE 1A

SERIES 220
 CONTRACT WORK ORDER PROCESSING
 MATERIAL LIST
 CELL 1, PLAN ID1

AUTHOR CODE: 73
 PRODUCT CODE: 120
 TWR-UN:
 02218641299100

ORDER NO.....3-1124-89
 MO/MRP NO.....NC-018
 MODEL NO.....221-111
 MOTOR NO.....UNKNOWN
 MOTOR FRAME....184T
 MOTOR HP.....5
 MOTOR CYCLES...60 HZ

GRDR ASSY.....10T (CC-2)....85-42201-1
 GRDR RATIO....3.27
 FAN ASSY.....72-H3-6.....75-31134-1
 FAN RPM.....535
 FAN PITCH....36 1/2 DEG
 DRIVE SHAFT ASSY CLASS II...677500L

PGIT	DESCRIPTION	ITEM NUMBER	APS	QTY
103.	FIELD INSTALLATION	221-100 87-4236-1		1
105.	METERING ORIFICE ASS'Y TARGET NOZZLES	68-3738-30L	A	144
	REF (ELECTRIC MOTOR BY CUSTOMER ASSUME STD DIM'S)	UNKNOWN		
107.	MOA TOWER MODIF	221-110 87-4919-1	A	1
109.	MOA FAN & GRDR INSTAL	222-110 87-4566-1	A	1
111.	MTR & DS INSTAL MOA 184T	221-110 87-41647-1		1
112.	1 DIA FLOAT VALVE	221-1...222-7 85-42321-16	A	1
113.	PLASTIC FLOAT	221-1...222-7 85-42321-17	A	1
114.	INSTAL 6 DIA HOLE & BS MODIF	220-1..9 87-4511-18	A	1
115.	BOT OUTLET MUD SILL & SCREEN	85-41901-34	A	1
117.	BLANK COVER PLATE	85-41901-30	A	2
119.	STANDPIPE DRAIN & OF	85-41901-35		1
121.	CLOSE COUPLED SIGHT GLASS	85-42330-3	A	1
135.	AIR INLET SCREEN INSTALL	221-1 85-41267-1	A	1
140.	HC VALVE 6 IN DIA	85-3820-1		1
148.	KIT CUSTOMER LITERATURE PACKAGE	122986L		1