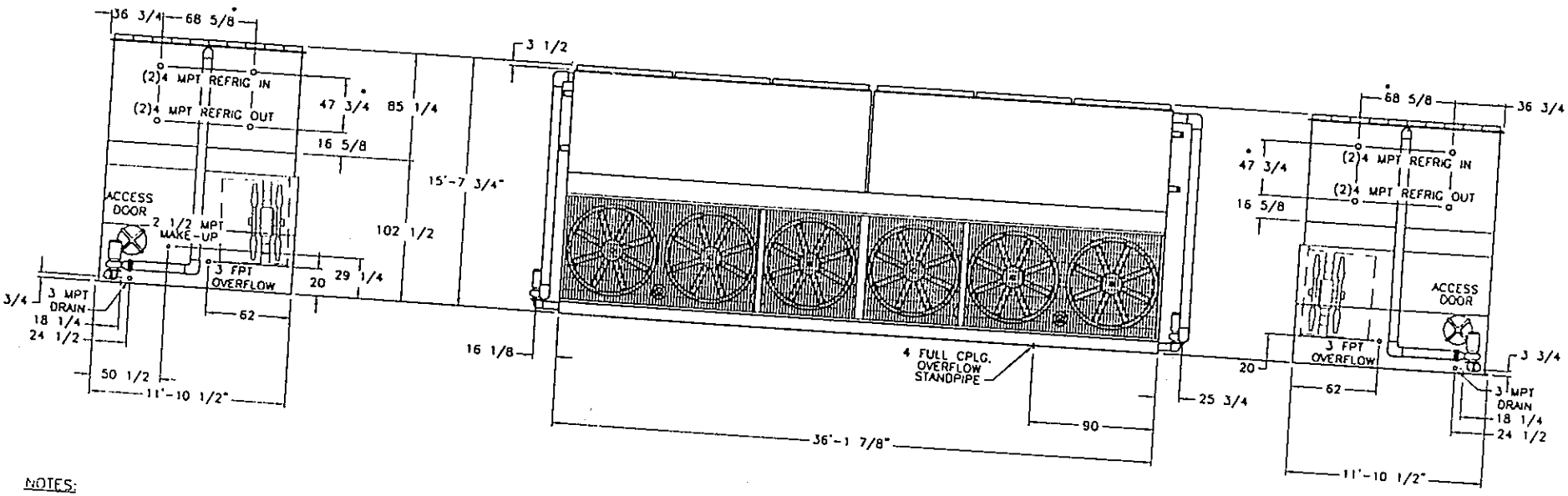

NOTES:

1. (M) -FAN MOTOR LOCATION
2. MAKE-UP WATER PRESSURE 20psi MIN. 50psi MAX.
3. 3/4ø MOUNTING HOLES. REFER TO RECOMMENDED STEEL SUPPORT DRAWING
4. HEAVIEST SECTION IS COIL SECTION
5. * APPROXIMATE DIMENSIONS. DO NOT USE FOR PRE-FABRICATION OF CONNECTING PIPING.
6. MAKE-UP AND DRAIN ARE ONLY ON END SHOWN.
7. MPT DENOTES MALE PIPE THREAD.
   FPT DENOTES FEMALE PIPE THREAD.
   BFW DENOTES BEVELED FOR WELDING.

WEIGHTS			NO. SHIPPING SECTIONS
SHIPPING	OPER.	HEAVIEST SECTION	
70310	91180	26560	3

EVAPCO MODEL (6) PMCB-1770 EVAPORATIVE CONDENSERS

CERTIFIED FOR PRESTON REFRIGERATION CO. PROJECT BRYAN FOODS

CUSTOMER ORDER NO. 33841 EVAPCO NO. M015883-88

CAPACITY EACH UNIT 1,023 TR R-717 REFRIG. 95 ° F COND 11 ° F SUCT 80 ° F W.B.

FAN MOTOR HP EACH UNIT (2) 30 & (2) 15 ENERGY EFFICIENT ELEC. SPEC. 460/60/3

PUMP MOTOR HP EACH UNIT (2) 7-1/2 ELEC. SPEC. 460/60/3

REMARKS UNIT FURNISHED WITH LOW WATER LEVEL SWITCH AND NITROGEN CHARGE COILS. DRIVES SIZED FOR 0" ESP.

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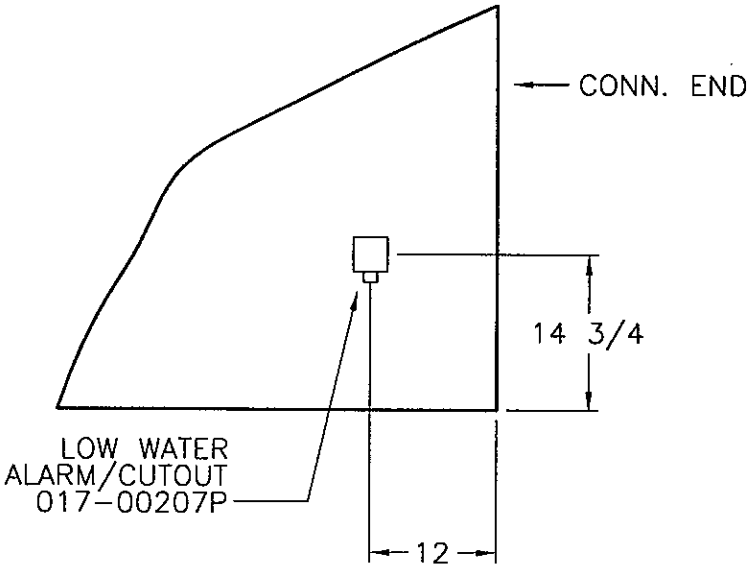
EVAPORATIVE CONDENSER

JAK/LAS 11-28-01

CP123612ERC-42

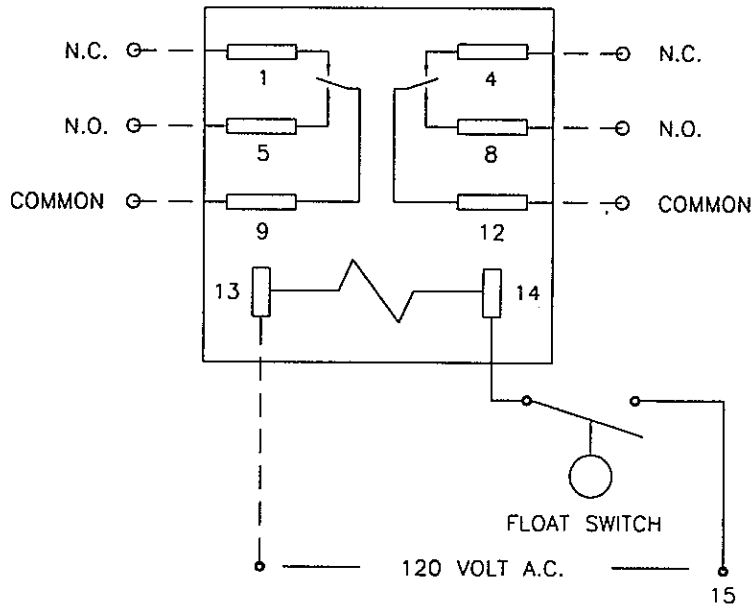


PAN REAR VIEW
3Mx18/36 AND 12x18/36 CENT. C/C
FORCED DRAFT

DUAL SWITCH CONTACT FUNCTIONS

N.C.– NORMALLY CLOSED– OPENS ON HIGH WATER, CLOSES ON LOW WATER

N.O.– NORMALLY OPEN– OPENS ON LOW WATER, CLOSES ON HIGH WATER



WIRING DIAGRAM

NOTES:
1. DASHED LINES INDICATE WIRING (BY OTHERS).
2. VIEW SHOWN IS FOR RIGHT HAND UNIT. LEFT HAND SAME BUT OPP. HAND.

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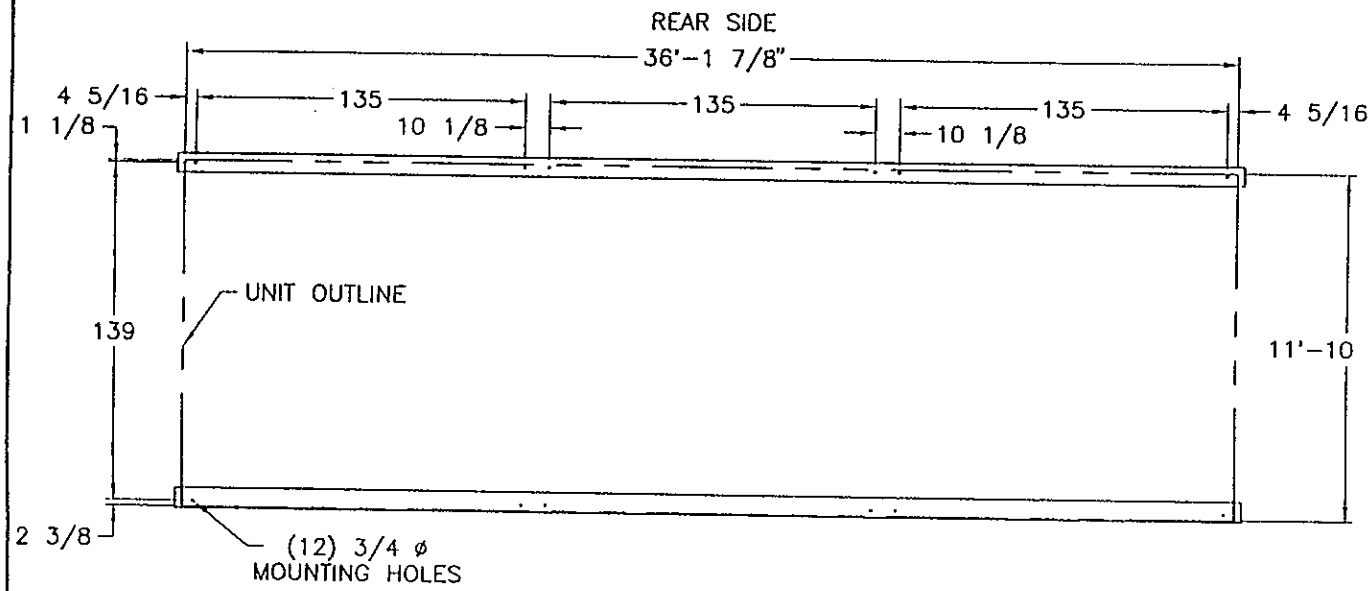
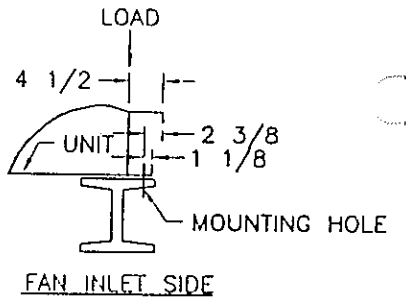
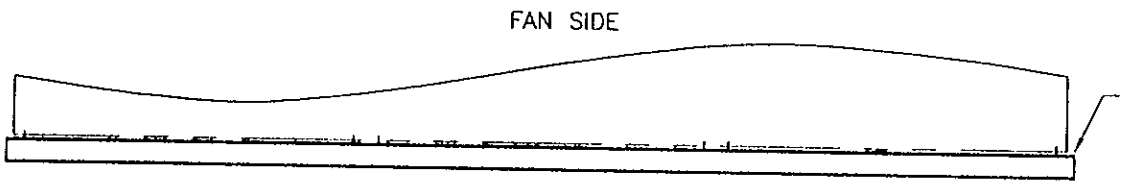
LOW ALARM
WIRING AND
LOCATION

WLTM18ERA-05

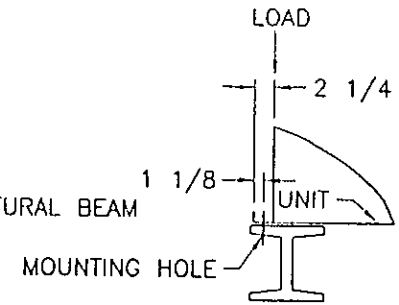




FAN INLET SIDE



ALL 12x36 PROP UNITS



REAR SIDE

NOTES:

1. BEAMS SHOULD BE SIZED IN ACCORDANCE WITH ACCEPTED STRUCTURAL PRACTICES. MAXIMUM DEFLECTION OF BEAM UNDER UNIT TO BE 1/360 OF UNIT LENGTH NOT TO EXCEED 1/2".
2. DEFLECTION MAY BE CALCULATED BY USING 55% OF THE OPERATING WEIGHT AS A UNIFORM LOAD ON EACH BEAM. SEE CERTIFIED PRINT FOR OPERATING WEIGHT.
3. SUPPORT BEAMS AND ANCHOR BOLTS ARE TO BE FURNISHED BY OTHERS.
4. BEAMS MUST BE LOCATED UNDER THE FULL LENGTH OF THE PAN SECTION.
5. BEAMS SHOULD BE LEVEL TO WITHIN 1/8" IN 6' BEFORE SETTING THE UNIT IN PLACE. DO NOT LEVEL THE UNIT BY SHIMMING BETWEEN IT AND THE BEAMS.

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RECOMMENDED STEEL SUPPORT

REV DATE

CP1236ERC-SL

DATE November 28, 2001

MECHANICAL SPECIFICATIONS

EVAPCO® POWER-MIZER EVAPORATIVE CONDENSERS
AND CLOSED CIRCUIT COOLERS

PROJECT BRYAN FOODS UNIT (6) PMCB-1770 EVAPORATIVE CONDENSERS

CUSTOMER PRESTON REFRIGERATION CO. P.O. 33841

EVAPCO SERIAL NO. M015883-88 ENGINEER HIXSON, INC.

UNIT TYPE	All hot-dip galvanized steel, factory-assembled, counterflow blow-through.
PAN-FAN SECTION	Pan constructed of heavy gauge mill hot-dip galvanized steel. All galvanized steel is coated with a minimum of 2.35 ounces of zinc per square foot of area (G-235 designation). Pan-Fan section includes vane-axial type fans and drives mounted and aligned at the factory. All fan components are located in the dry entering air stream. During fabrication, all galvanized steel panel edges are coated with a 95% pure zinc-rich compound.
STRAINER*	All Type 304 stainless steel with large area removable perforated screens.
ACCESS	G-235 hot-dip galvanized steel circular access doors held in place by wingnuts.
BLEED-OFF*	Waste water bleed line with adjustable valve provided.
PUMP*	Close-coupled centrifugal pump with mechanical seal. The pump is installed in a vertical position so that water will drain from the pump when the cold water basin is emptied. Pump motor is totally enclosed with protective canopy for outdoor operation.
FANS	Fans are vane-axial type constructed of cast aluminum alloy blades. They are arranged in two-stage system installed in closely fitted cowl with venturi air inlet and air stabilizing vanes.
FAN SHAFT	Solid shaft of ground and polished steel. Exposed surface coated with rust preventative.
BEARINGS	Self-aligning, heavy duty grease packed ball bearings with eccentric locking collars. Grease fittings extended to outside of unit.
FAN DRIVE	Solid backed power band constructed of neoprene with polyester cords and designed for 150% of motor nameplate horsepower.
MOTOR	Totally-enclosed, energy efficient, ball bearing type with 1.15 service factor suitable for outdoor service. Mounted on an adjustable motor base.
FAN GUARD SCREEN	Hot-dip galvanized steel screens, 1/2" x 4" wire mesh.
HEAT TRANSFER CASING CONSTRUCTION	G-235 hot-dip galvanized steel panel construction, separable from pan section.
COIL	Thermal-Pak coil design of all prime surface steel, encased in steel framework with entire assembly hot-dip galvanized after fabrication. Designed with sloping tubes for liquid drainage and tested to 350 psig air under water. (Patent No. 4755331)
WATER DISTRIBUTION SYSTEM	Precision molded ABS spray nozzles with large 1" x 5/16" orifice and internal sludge ring to eliminate clogging. Nozzles are threaded into Schedule-40 Polyvinyl Chloride headers equipped with removable end plugs for ease of cleaning.
ELIMINATORS	Constructed entirely of inert Polyvinyl Chloride (PVC) in light, easily handled sections. Three changes in air direction with hooked leaving edges arranged to direct discharge air away from fans.

* OMITTED ON UNITS FOR REMOTE SUMP OPERATION Energy Efficient 5 FT, 10 FT & 12 FT WIDE SPEC700-ST

REVISED
11-28-01