



EVAPCO, INC.
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Telephone (410) 756-2600
FAX (410) 756-6450

October 01, 2004

Mr. Jeff Stone
Ace Refrigeration
6440 6th Street S.W.
Cedar Rapids, IA 52406

RE: Your Purchase Order 25-001
EVAPCO Serial 4-115532
(1) LSCB-100 Evaporative Condenser
PROJECT ConAgra

Dear Mr. Stone:

The above referenced order has been released for production. Any changes may have a schedule and/or financial impact.

This order is being manufactured at our Taneytown factory using the highest quality materials and will be assembled in accordance with EVAPCO's strict quality control guidelines. All EVAPCO® products undergo a mechanical test prior to shipment to ensure proper field performance.

This order is in our production schedule for shipment on or before 10/29/2004. If you experience any delays in the project, which would affect your shipments requirements, please contact your local EVAPCO representative, Stanton & Associates, Inc., as soon as possible.

Thank you for your selecting EVAPCO as your supplier. We appreciate your business and look forward to working with you in the future.

Sincerely,

EVAPCO, INC.

Max Duarte

Max Duarte
Senior Marketing Engineer

ENCLOSURE(S)

cc: Stanton & Associates, Inc. - Brian Milnamow
Bluvas & Associates, Inc. - Bob Thate

10/25.
Per Jeff Stone
Ship To Deliver on site
11/1/04 AM
Per Darryl unit is done



Date 9/27/2004

PERFORMANCE AND MECHANICAL SPECIFICATIONS
EVAPCO® CENTRIFUGAL FAN EVAPORATIVE CONDENSERS AND
AND CLOSED CIRCUIT COOLERS

PROJECT <u>ConAgra</u>	
CUSTOMER <u>Ace Refrigeration</u>	
ENGINEER <u>Ace Refrigeration</u>	
UNIT: <u>(1) LSCB-100 Evaporative Condenser</u>	
CUSTOMER P.O. <u>25-001</u>	EVAPCO SERIAL NO. <u>4-115532</u>
CAPACITY <u>70 TR</u> <u>R-717</u> REFRIG	<u>96.3 °F</u> COND <u>20 °F</u> SUCT <u>78.0 °F</u> E.W.B.
FAN MOTOR: <u>(1) 10 HP</u>	ELEC. SPEC. <u>460/3/60</u>
PUMP MOTOR: _____	ELEC. SPEC. _____
<u>DRIVES SIZED FOR 0" ESP.</u>	

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|--------------------------------------|---|
| 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 centrifugal fans and drives mounted and aligned at the factory. All fan components are located in the dry entering air stream. During fabrication, all panel edges are coated with a 95% pure zinc-rich compound. |
| MAKE UP FLOAT VALVE ASSEMBLY* | Brass float valve with adjustable, unsinkable, foam-filled plastic float. |
| PAN STRAINER* | All Type 304 stainless steel with large area removable perforated screens. |
| FAN DISCHARGE COWLS | G-235 hot-dip galvanized steel cowls provided on each fan discharge extending within the pan to increase fan efficiency and prevent water from entering fans. |
| 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. |
| FAN WHEELS | Fans are forwardly curved centrifugal type of hot-dip galvanized steel factory installed into the pan/fan section. They are statically and dynamically balanced for vibration free operation. Fan housings have compound curve inlet rings for efficient air entry. |
| FAN SHAFT BEARINGS | Solid shaft of ground and polished steel. Exposed surface is coated with rust preventative. Fan shaft is supported by heavy-duty, self-aligning bearings with cast iron housings and lubrication fittings for maintenance. |
| FAN MOTOR | Totally enclosed ball bearing type with 1.15 service factor suitable for outdoor service. Mounted on an adjustable motor base. |

FAN DRIVE V-belt type with taper lock sheaves. Selected for 150% motor nameplate horsepower. Mounted and aligned at the factory.

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 400 psig air under water. (Patent No. 4755331)

WATER DISTRIBUTION SYSTEM Heavy-duty molded nylon ZM spray nozzles with large 1-5/16" diameter opening and internal sludge ring to eliminate clogging. ZM 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.

FAN GUARD SCREEN Hot-dip galvanized steel screens, 1" wire mesh.

HEAT TRANSFER CASING CONSTRUCTION G-235 hot-dip galvanized steel panel construction, separable from pan section.

***OMITTED ON UNITS FOR REMOTE SUMP OPERATION** 4 FT & 8 FT WIDE LSCB 4&8ST-ST

SPECIAL REMARKS:

- Unit(s) to be supplied with Inverter Duty fan motor(s).
- Omit Pump.
- Unit(s) is arranged for remote sump operation. Suction hood, strainers and make-up valve(s) are not provided for this application.

*****Remote Sump Info:**

- *Spray Water Inlet Pressure Drop: 2.0 psig
- *Spray Water Flow: 180 gpm

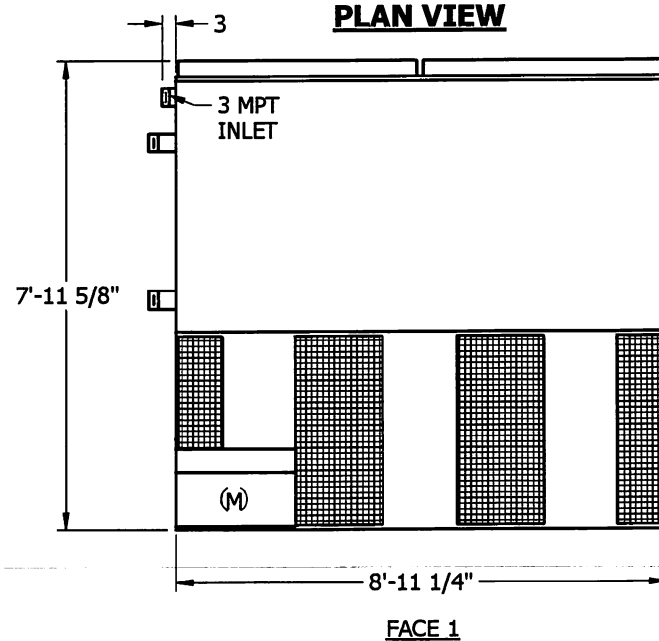
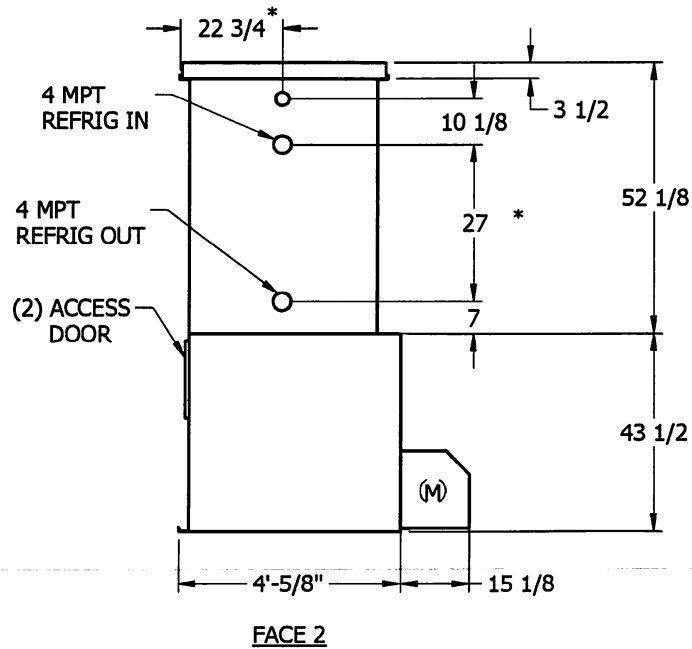
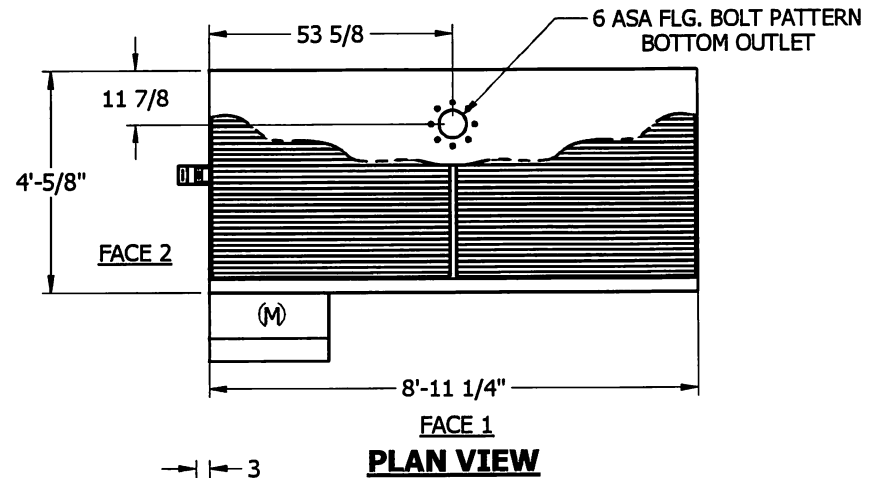
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UNIT	EVAPORATIVE CONDENSER	MODEL #	LSCB 100	SCALE	NTS	DWG. #	CL040908-ERC-27	REV.	-	DATE	9/27/04	SERIAL #	4-115532
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NOTES:

1. (M) - FAN MOTOR LOCATION
2. HEAVIEST SECTION IS COIL SECTION
3. MPT DENOTES MALE PIPE THREAD
FPT DENOTES FEMALE PIPE THREAD
BFW DENOTES BEVELED FOR WELDING
4. † UNIT WEIGHT DOES NOT INCLUDE ACCESSORIES (SEE SEPARATE DRAWINGS FOR ACCESSORIES)
5. 3/4" DIA. MOUNTING HOLES. REFER TO RECOMMENDED STEEL SUPPORT DRAWING
6. * - APPROXIMATE DIMENSIONS DO NOT USE FOR PRE-FABRICATION OF CONNECTING PIPING.



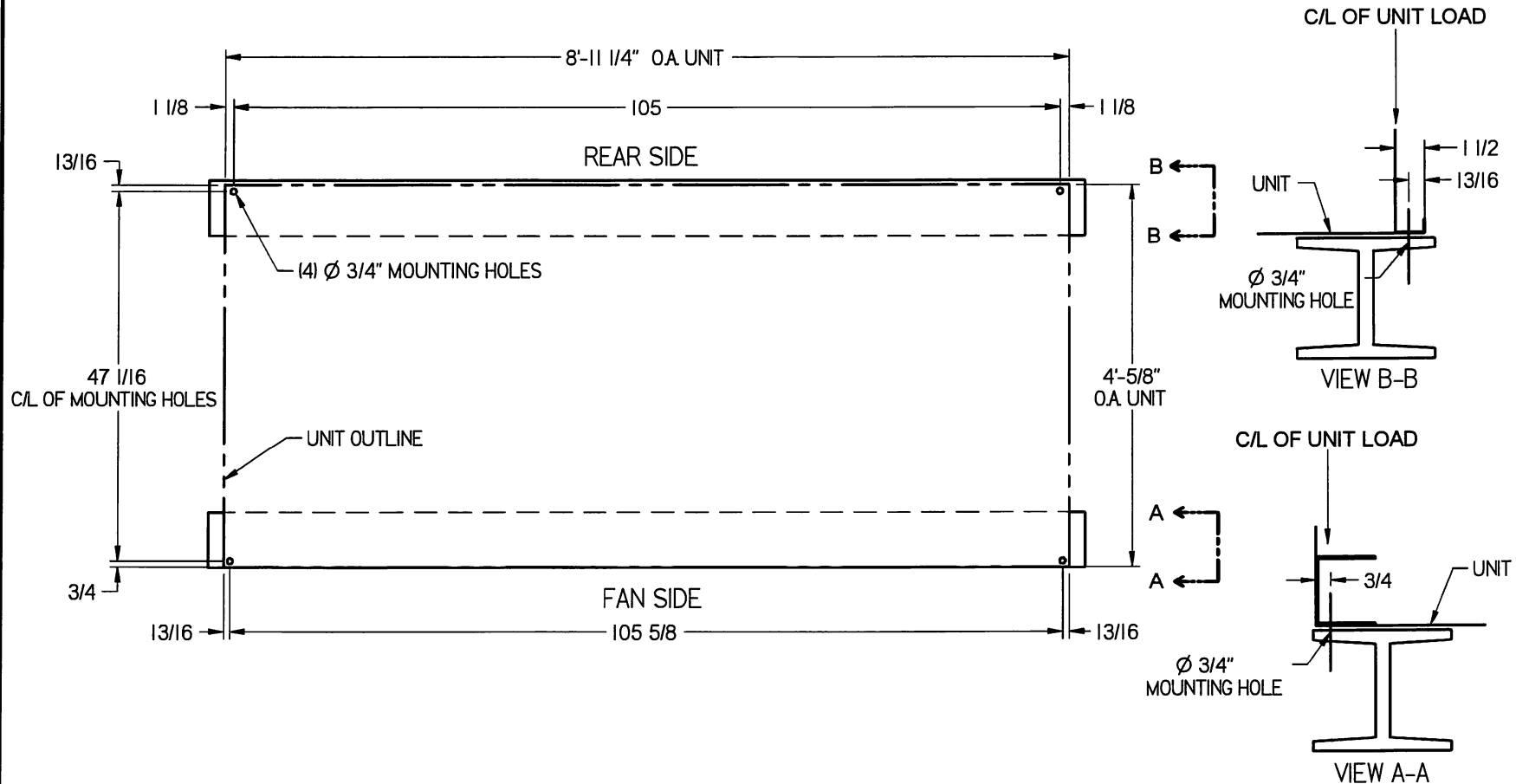
SHIPPING WEIGHT	4650	lbs. †	OPERATING WEIGHT	5640	lbs.	HEAVIEST SECTION WEIGHT	3000	lbs.	NO. OF SHIPPING SECTIONS	2
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CONFIDENTIAL
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UNIT	STEEL SUPPORT CONFIGURATION	MODEL #	4x9 CENTRIFUGAL UNITS	SCALE	1:20	DWG. #	TL0409ERB-SL	SERIAL #	4-115532
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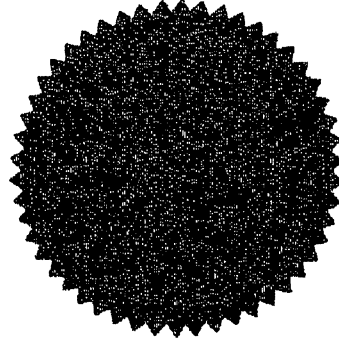


NOTES:

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 HARDWARE ARE TO BE FURNISHED BY OTHERS. ANCHOR HARDWARE TO BE 5/8".
4. BEAMS MUST BE LOCATED UNDER THE FULL LENGTH OF THE PAN SECTION.
5. SUPPORTING BEAM SURFACE MUST BE LEVEL. DO NOT LEVEL THE UNIT BY PLACING SHIMS BETWEEN THE UNIT MOUNTING FLANGE AND THE SUPPORTING BEAM.
6. ANCHORING ARRANGEMENT SHOWN HAS A MAXIMUM WIND RATING OF 30 PSF ON CASED VERTICAL SURFACES.
7. THE FACTORY RECOMMENDED STEEL SUPPORT CONFIGURATION IS SHOWN. CONSULT THE FACTORY FOR ALTERNATE SUPPORT CONFIGURATIONS.
8. UNIT SHOULD BE POSITIONED ON STEEL SUCH THAT THE ANCHORING HARDWARE FULLY PENETRATES THE BEAM'S FLANGE AND CLEARS THE BEAM'S WEB.

Guarantee of Thermal Performance by EVAPCO

EVAPCO® unequivocally guarantees the thermal performance of its equipment as shown on the certified drawings, when the equipment is installed in accordance with good engineering practice. If after installation and start-up there is any question regarding thermal performance of the equipment, at the owner's request EVAPCO will send its engineers to the jobsite to conduct a performance test. This test may be observed by the owner and the consulting engineer or by their authorized representatives. If the results of the evaluation show the equipment to be deficient, EVAPCO will make the necessary repairs or alterations to correct the deficiency at no cost to the owner. If the equipment is found to be performing in accordance with its certified drawing, the owner is expected to reimburse the company for its costs associated with this performance test.



AOS2636