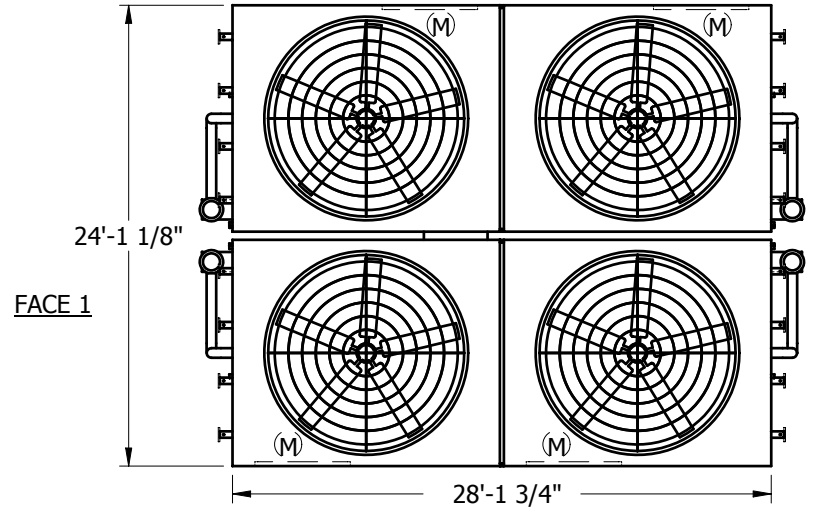
EVAPCO, INC.

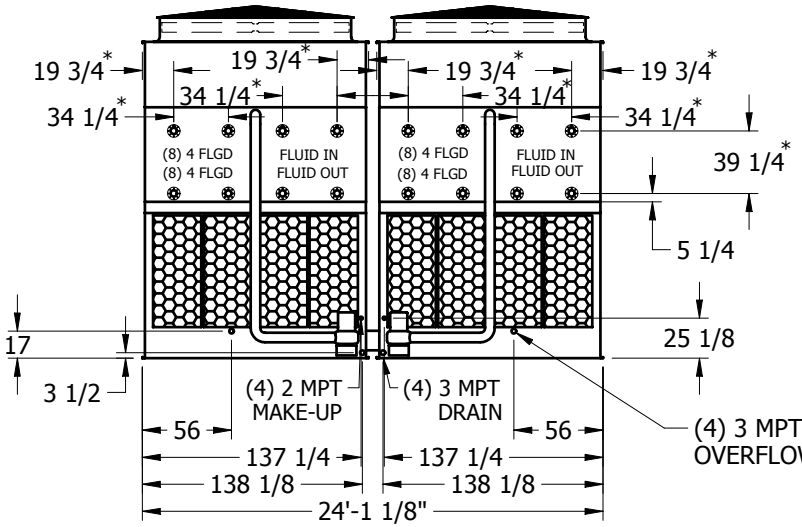
UNIT	MODEL #	SCALE	DWG. #	REV.	DATE	SERIAL #
CLOSED CIRCUIT COOLER	ATW 672-5M	NTS	W2242810-ERB-03	-	6/12/07	7-315810-812

NOTES:
1. (M)- FAN MOTOR LOCATION
2. HEAVIEST SECTION IS UPPER 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. MAKE-UP WATER PRESSURE-20 psi MIN, 50 psi MAX
7. * - APPROXIMATE DIMENSIONS DO NOT USE FOR PRE-FABRICATION OF CONNECTING PIPING.



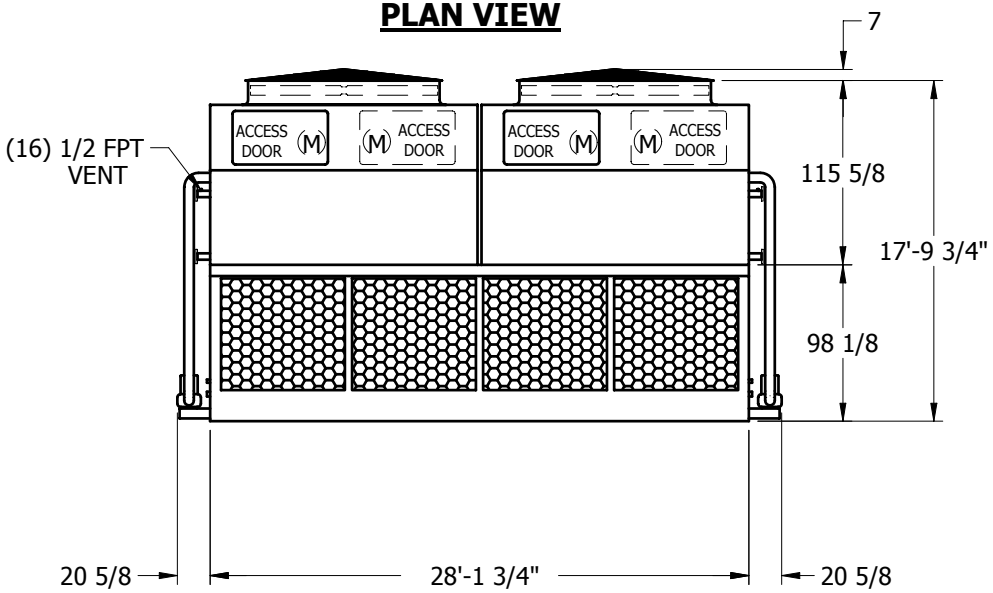
FACE 1

FACE 2



FACE 1

PLAN VIEW

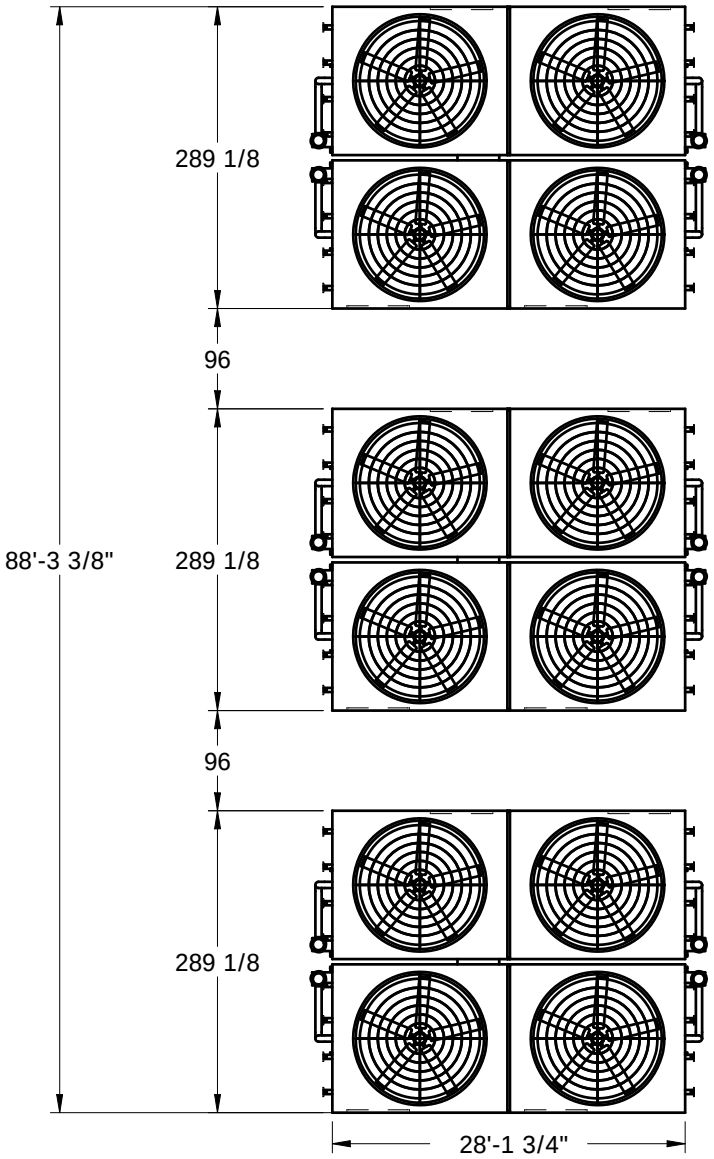


FACE 2

SHIPPING WEIGHT	102525 lbs.+	OPERATING WEIGHT	152705 lbs.	HEAVIEST SECTION WEIGHT	22575 lbs.	NO. OF SHIPPING SECTIONS	6

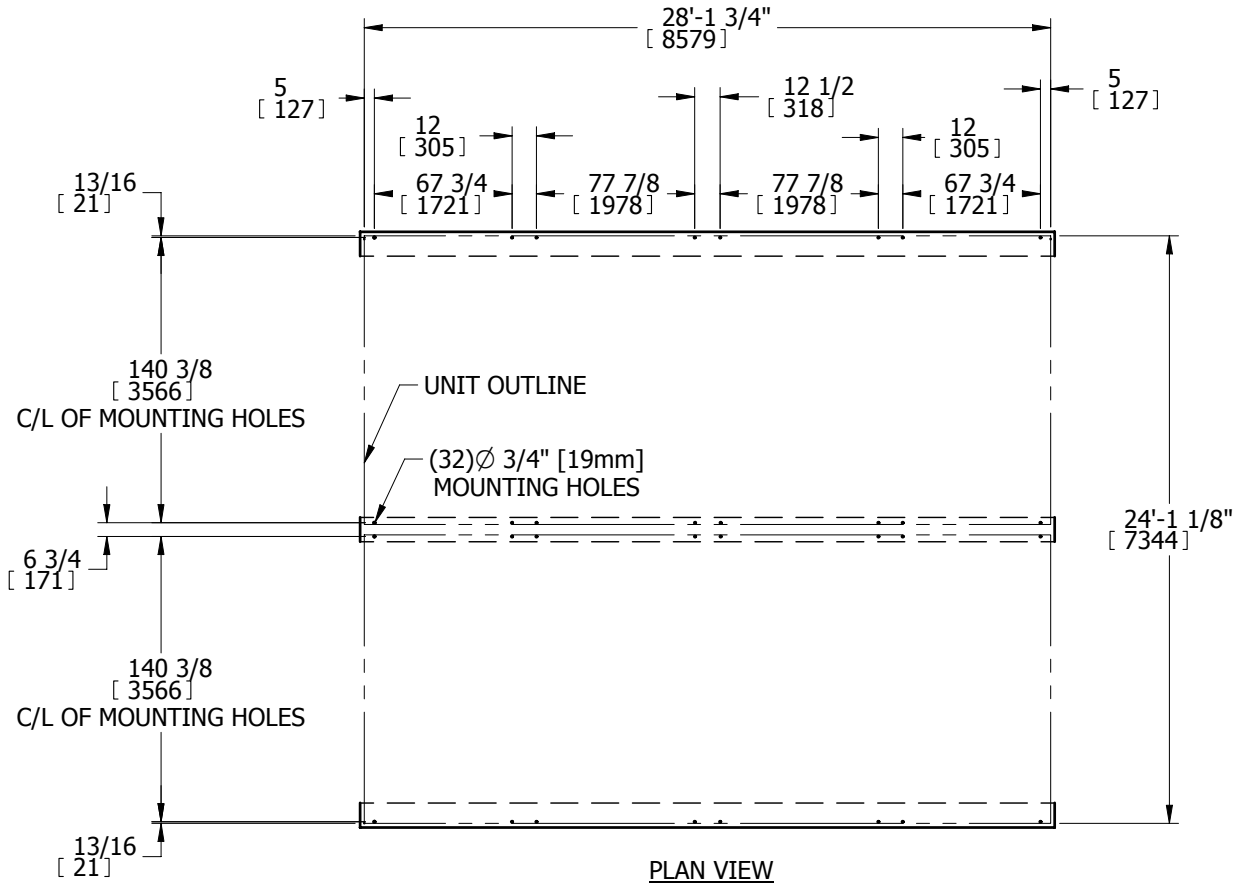
EVAPCO, INC.

UNIT	MODEL #	SCALE	DWG. #	REV.	DATE	SERIAL #
CLOSED CIRCUIT COOLER	(3)ATW 672-5M	NTS	W2242810-ERB-04	-	6/18/07	7-315810-812

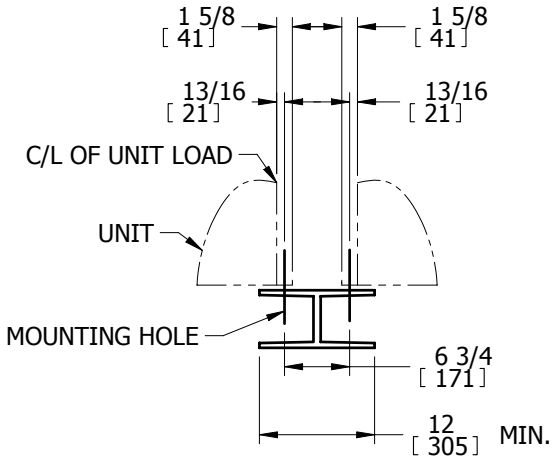


EVAPCO, INC.

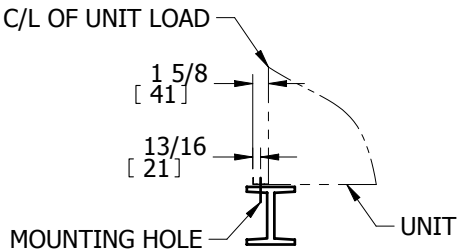
TITLE	UNIT:	DWG. #
STEEL SUPPORT CONFIGURATION	24x28 INDUCED DRAFT UNITS	SLAI2428-DC



PLAN VIEW



CENTER ARRANGEMENT



TYPICAL END VIEW

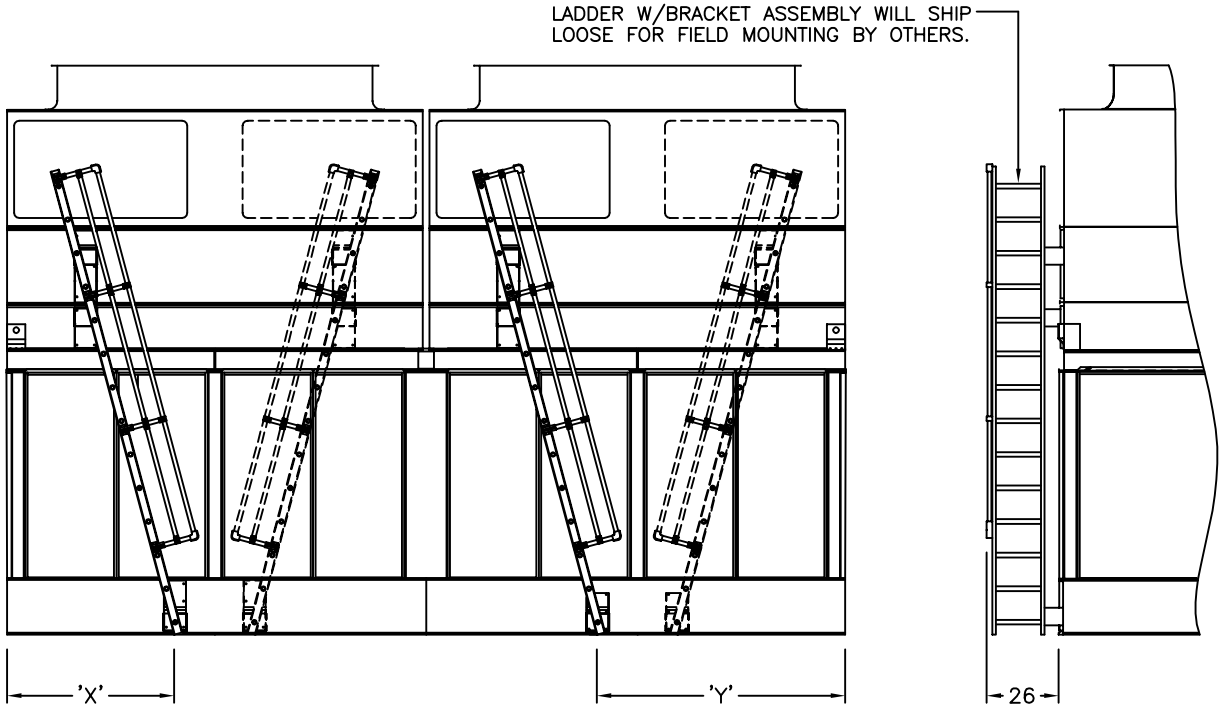
NOTES:

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" [13mm].
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" [16mm].
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 [1.44KPa] 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.
9. ALL 24 X 28 MODELS ARE MULTIPLE CELL UNITS. OPERATING WEIGHT OF EACH CELL IS FOUND BY DIVIDING TOTAL OPERATING WEIGHT BY THE NUMBER OF CELLS.
10. WHEN VIBRATION ISOLATION IS REQUIRED FOR MULTIPLE CELL UNITS, THE VIBRATION ISOLATORS (BY OTHERS) MUST BE LOCATED UNDER THE SUPPORTING STEEL BEAMS AND NOT BETWEEN THE SUPPORTING STEEL BEAMS AND THE UNIT.
11. THE CENTER BEAM SHOULD HAVE A MINIMUM WIDTH OF 12" [305mm].

SLOPED LADDER ARR.

DWG. # LDW22428EA-ST

NOTES:
1. LADDER AND BRACKETS SHIP LOOSE. FIELD INSTALLATION BY OTHERS IS REQUIRED.
2. REFER TO RIGGING PACK FOR LADDER AND PLATFORM MOUNTING INSTRUCTIONS.
3. RIG LADDER BEFORE INSTALLING PIPEWORK TO UNIT.



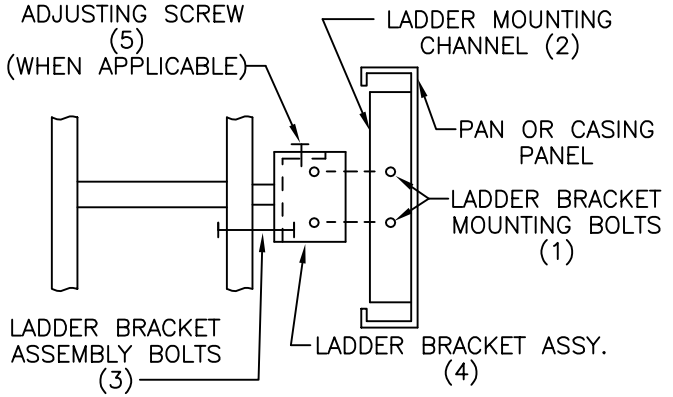
SIDE VIEW

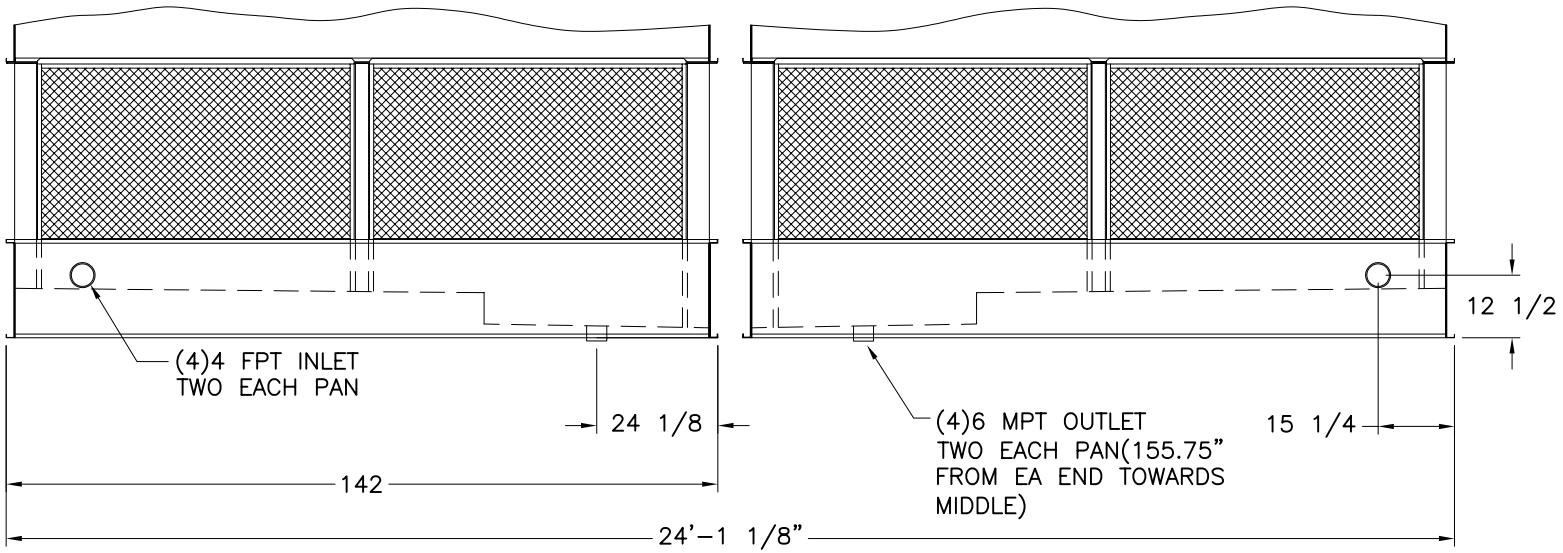
END VIEW

MODEL NUMBER		'X'	'Y'
COOLER	CONDENSER		
ATW 672–3L,3M	–	69 3/4	98
ATW 672–4L,4M	–	71 7/8	95 7/8
ATW 672–5M,5N	ATC 2256B,2324B	74 3/8	93 1/4
ATW 672–6M,6N	ATC 2404B,2509B	76	91 5/8

CUSTOMER INSTALLATION NOTES:

a. REMOVE LADDER BRACKET MOUNTING BOLTS (1) FROM LADDER MOUNTING CHANNELS (2) ON PAN AND CASING SECTIONS.
b. LOOSEN, BUT DO NOT REMOVE, LADDER BRACKET AND ASSY. BOLTS (3).
c. TO ASSEMBLE, SLIDE LADDER BRACKET ASSY. (4) OVER LADDER MOUNTING CHANNELS (2) LOCATED ON PAN AND CASING (DO NOT REMOVE LADDER BRACKET ASSY. (4) FROM LADDER.)
d. ALIGN HOLES AND REINSTALL LADDER BRACKET MOUNTING BOLTS (1) THROUGH LADDER BRACKET ASSY. (4) AND LADDER MOUNTING CHANNELS (2).
e. TIGHTEN ALL BOLTS.
f. TIGHTEN ADJUSTING SCREW (5) IN THE ADJUSTABLE MOUNTING BRACKETS WHEN APPLICABLE.





PAN END VIEW
ALL 24x28 INDUCED DRAFT COND/COOLERS

NOTES:

1. FPT DENOTES FEMALE PIPE THREADS.
2. FPT CONNECTION IS A FULL COUPLING. IT PROTRUDES HALF IN AND HALF OUT.
3. MPT DENOTES MALE PIPE THREADS.
4. UNIT CONNECTION NOT SHOWN FOR CLARITY.

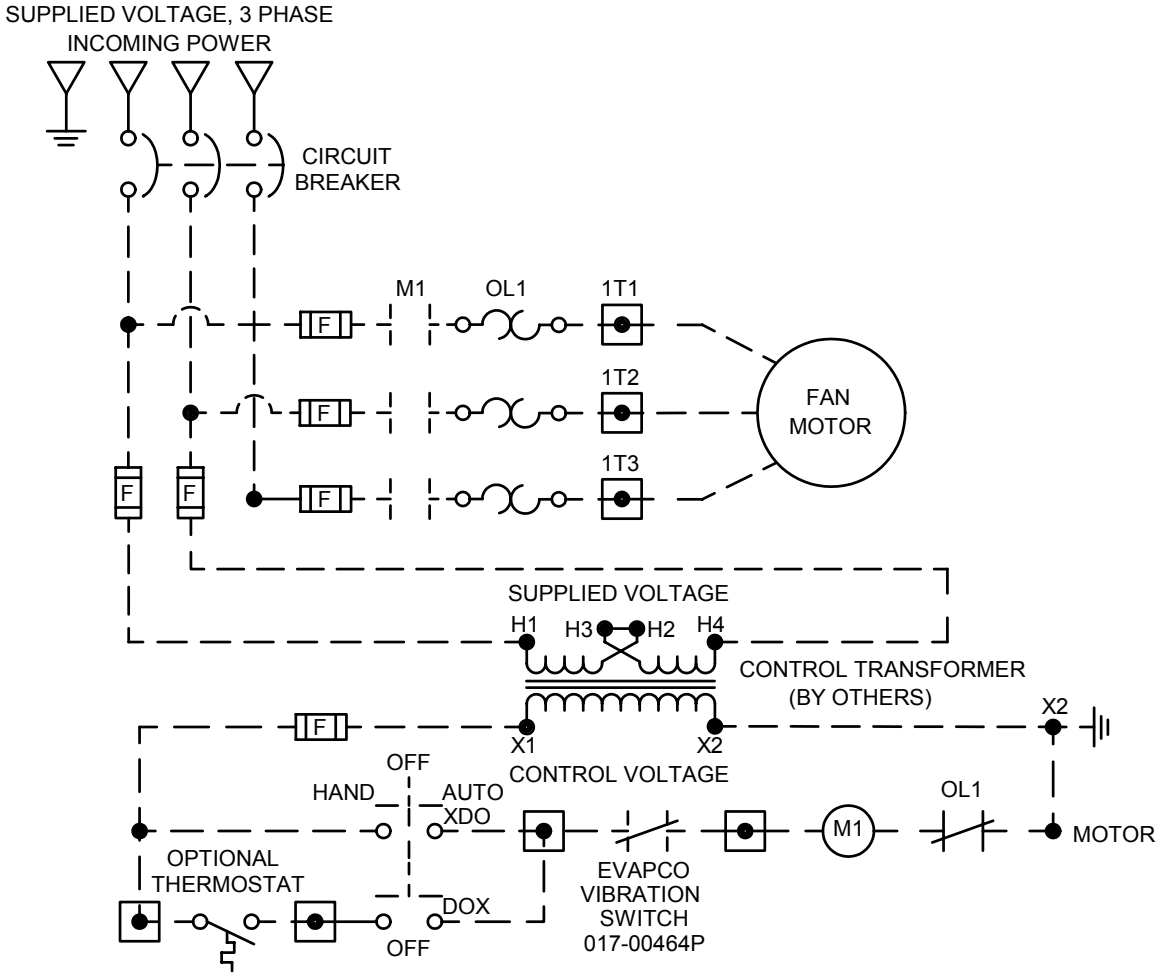
evapco

HIGHFLOW EDUCTOR
SUMP SWEEPER
PIPING ARR

W22428ERA-01

EVAPCO, INC.

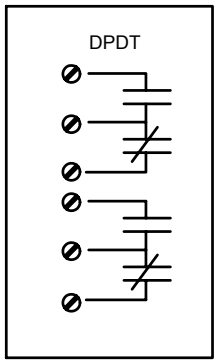
TITLE	DESCRIPTION:	DWG. #
VIBRATION SWITCH	SINGLE SPEED	V1AU0000-ED



SWITCH CONTACT RATING:

15 AMPS, 125, OR 480 Vac; 1/8 HP, 125 Vac; 1/4 HP, 250 Vac; 1/2 AMP, 125 Vdc; 1/4 AMP, 250 Vdc.

WIRING DIAGRAM:



NOTES:

1. DASHED LINES INDICATE WIRING(BY OTHERS)

ADJUSTMENT

ADJUST THE SWITCH SO THAT DURING FULL SPEED START-UP AND UNDER NORMAL CONDITIONS, THE CONTACTS DO NOT TRIP. FIRST, WITH THE MOTOR ON AT FULL SPEED, TURN THE ADJUSTMENT SCREW COUNTER-CLOCKWISE (MORE SENSITIVE DIRECTION) UNTIL THE SWITCH TRIPS. NEXT, TURN ON THE ADJUSTMENT SCREW CLOCKWISE 1/8 TURN (LESS SENSITIVE DIRECTION). RESET THE SWITCH BY DEPRESSING THE PUSH-BUTTON RESET LOCATED ON TOP OF THE SWITCH. START THE MOTOR ON FULL SPEED. IF THE MOTOR TRIPS THE SWITCH, THEN TURN THE ADJUSTMENT SCREW CLOCKWISE AN ADDITIONAL 1/8 TURN. RESET THE SWITCH AND START THE MOTOR AGAIN. REPEAT THE ABOVE PROCEDURE UNTIL THE MOTOR CONTINUES TO RUN.