Torre di Raffreddamento Data Sheet

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Progetto :
Referenza:
Tipo prodotto : (EU) AT/UAT Cooling Tower

Data: 12/1/2015 Pagina: 1

Criterio di Selezione

Resa (Tons):	905.00
Resa (kW):	3.979.29
Resa (kcal/h):	3.422.231
Fluido:	Acqua
Portata (LPS):	140.0
Temperatura Fluido Ingresso (°C):	36.50
Temperatura Fluido uscita (°C):	29.70
Bulbo Umido (°C):	24.00

Criterio di scelta IBC

Carico sismico di progetto (g)	1 g
Pressione (kN/m²) :	up to 2.87

CTI/ECC Certified Cooling Tower

Q.tà	Modello	Resa (kW)	Percentuale Capacità
1	AT-114-0124L	4.023.1	101.1

Tutti i pesi, le dimensioni e i dati tecnici sono per unità

Ventilatori:	1
# Motori Vent @ kW:	(1) @ 18,50 (415/3/50)
Portata aria (m³/s)	80.3
Perdita di carico ingresso (kPa):	19.1
Acqua Evaporata (l/s):	1.37

Lunghezza Complessiva (mm):	7.239
Larghezza Complessiva (mm):	4.248
Altezza Complessiva (mm):	5.324
Peso in Funzionamento (kg):	14.678
Peso Spedizione (kg):	7.489
Sezione più Pesante (kg):	4.840

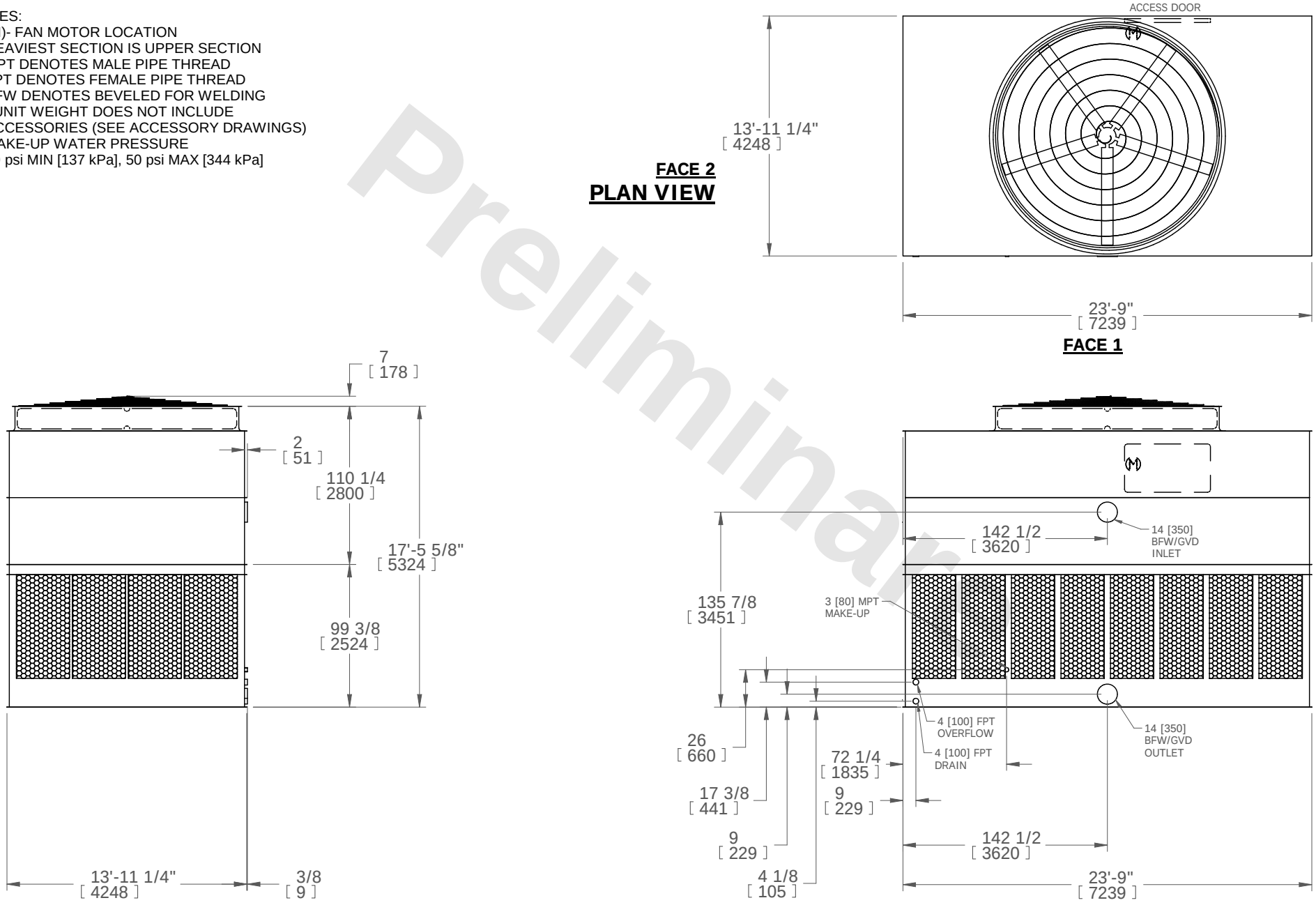
Opzioni Selezionate

Conformità alle norme IBC (classe 1 g)
EVAPAK Fill
Fan Motor IE2 Single Speed
Griglia protezione ventilatore in accordo alla normativa CE

EVAPCO, INC.

UNIT	MODEL #	SCALE	DWG. #	REV.	DATE	SERIAL #
COOLING TOWER	AT-114-0124L	N.T.S.	T3142424-DRD-ST	-	12/01/2015	

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 ACCESSORY DRAWINGS)
5. MAKE-UP WATER PRESSURE
   20 psi MIN [137 kPa], 50 psi MAX [344 kPa]



FACE 2
PLAN VIEW

FACE 1

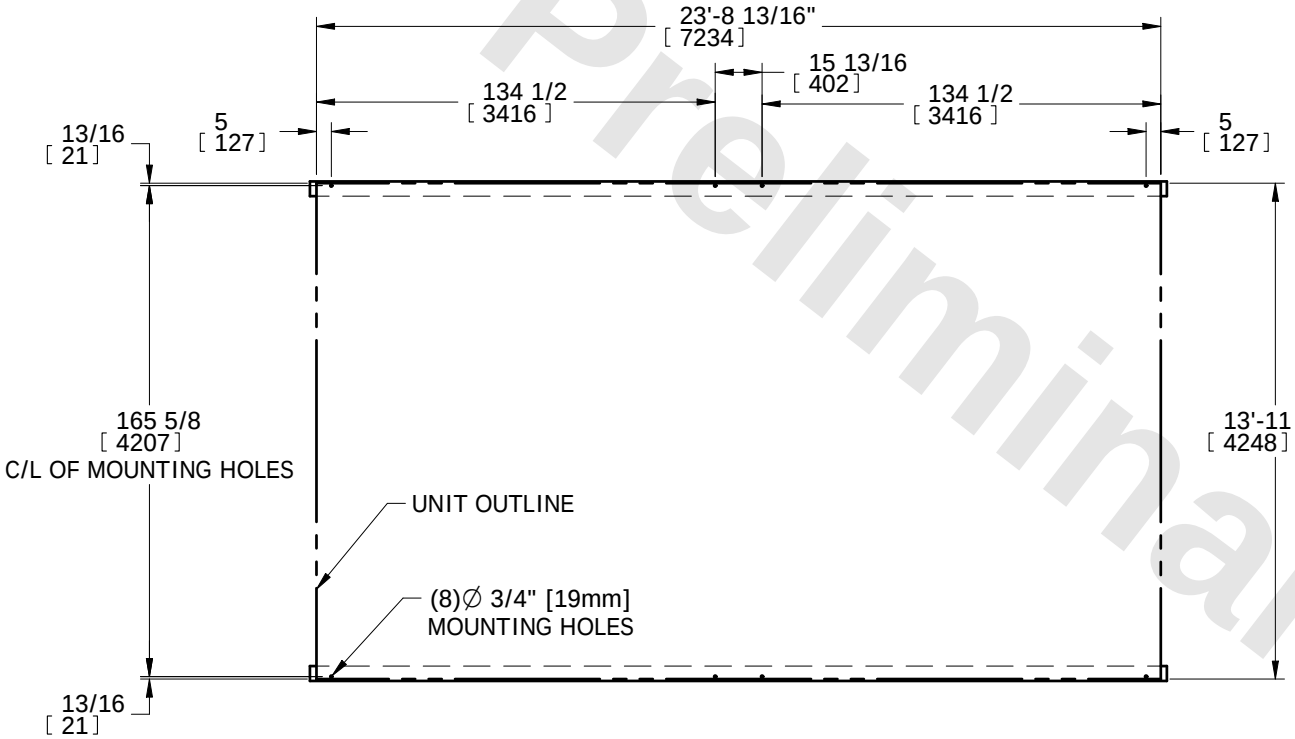
FACE 2

FACE 1

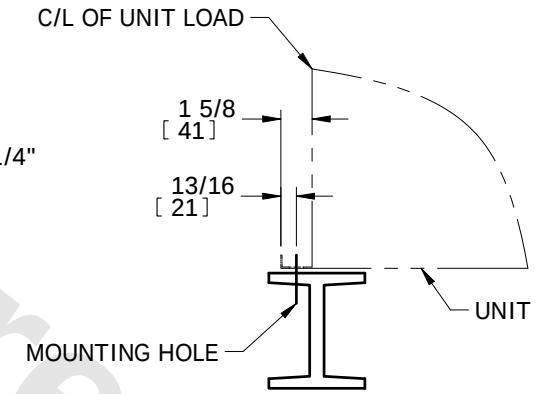
SHIPPING WEIGHT	17010 lbs+ [7716] kg+	OPERATING WEIGHT	32860 lbs+ [14905] kg+	HEAVIEST SECTION WEIGHT	11170 lbs+ [5067] kg+	NO. OF SHIPPING SECTIONS	2

AT-114-0124L **EVAPCO, INC.** 12/01/2015

TITLE	UNIT:	DWG. #
STEEL SUPPORT CONFIGURATION	14x24 INDUCED DRAFT UNITS	SLIX1424-DD



PLAN VIEW



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 ASTM-A325 5/8" [16mm] BOLT OR EQUIVALENT.
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 60 PSF [2.87 KPa] 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.

EVAPCO AT-114-0124L PERFORMANCE CURVE