RHODE ISLAND COLLEGE

Rhode Island College
Purchasing Office
600 Mt. Pleasant Avenue, Providence, Rhode Island 02908

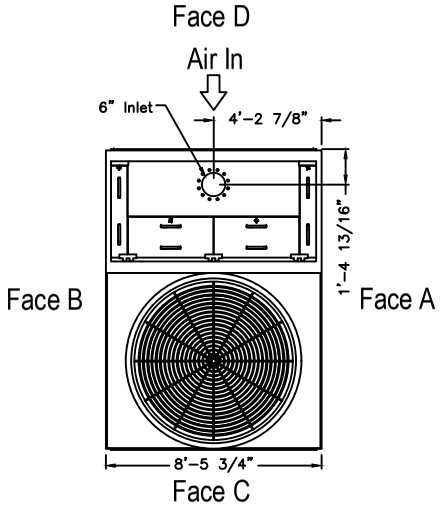
Solicitation #44647 –Penfield Hall Cooling Tower Replacement- RIC

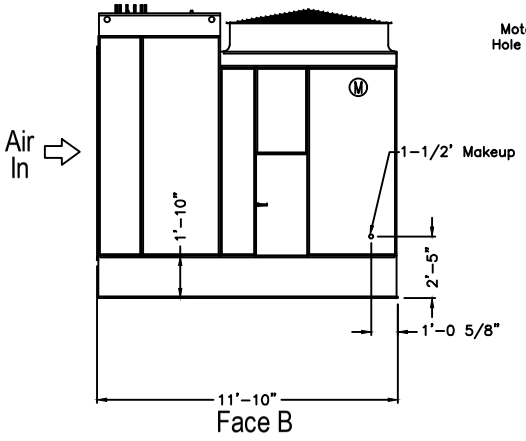
ADDENDUM# 1
1/16/2024

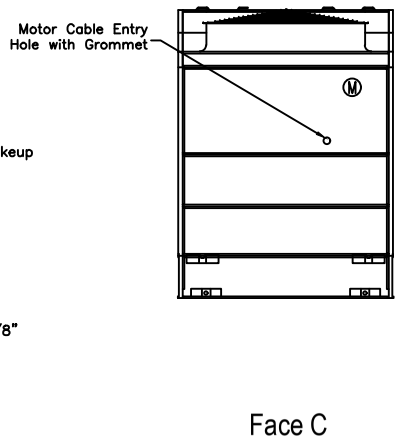
- BAC cooling tower unit specifications, see attached.
- BAC specifications differences are noted on the attached specifications that compares the existing unit to the new BAC cooling tower that is to be replaced.
- Rhode Island College would like the BAC Cooling tower unit replacement with the louver face platform (catwalk) See attached image.

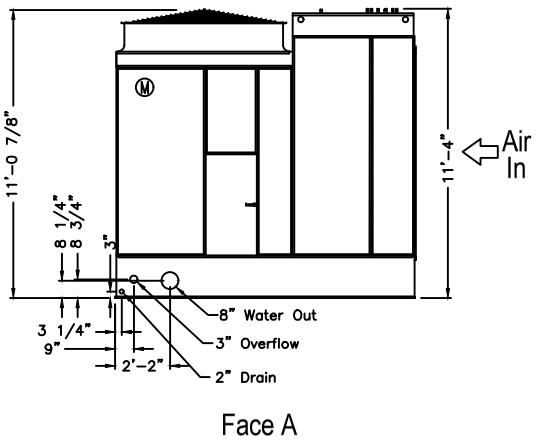
Data Version 0.00
DWG Version 1.72

Notes
1) All dimensions are in feet and inches. Weights are in pounds and include options and accessories.
2) Unless otherwise indicated, pan connections 3" and smaller are MPT. Pan Connections 4" and larger are grooved to suit a mechanical coupling and beveled for welding. The inlet is a studded bolt circle designed to mate with an ASME class 150 flat face flange with studs straddling transverse and longitudinal centerlines. The flat face flange and full face gasket are to be furnished by others for mating with the unit. Make-Up connection is FPT.
3) Field piping should be fabricated at time of installation. Pre-fabrication of pipe work is not recommended.
4) Do not support piping from unit connections. All necessary piping supports to be supplied by others.
5) For weight loadings and support requirements, refer to the suggested unit support drawing.
6) The area above the fan discharge must be unobstructed.
7) Due to height limitations on truck shipments, some items shown may ship loose for field installation.
8) Dimension to the top of the fan guard reflect all additional cowl extensions.
9) Conduit must be water tight and pitched downward to allow condensation to drain away from fan motor conduit box. Therefore, do not run the conduit through fan deck.









Model Number	Shipping Weight	Operating Weight	Heaviest Section
XES15E-1285-07JN	4620	9650	4620

RIGHT HAND

ORDER NO: **85544_XES15E-1285-07JN**

DATE: **5/26/2023 12:50:35 PM ConfigVer=1**

BALTIMORE AIRCOIL COMPANY

Series 1500 Single Cell Unit Print

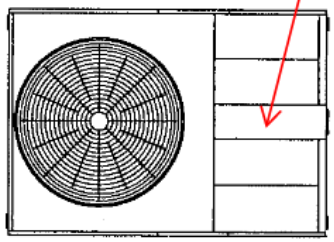
DRAWING NUMBER:
UP-85544_XES15E-1285-07JN

EXISTING UNIT

BAC–16500A

NEW INLET WOULD BE ON TOP OF THE TOWER HOT BASIN. RE-PIPING NECESSARY

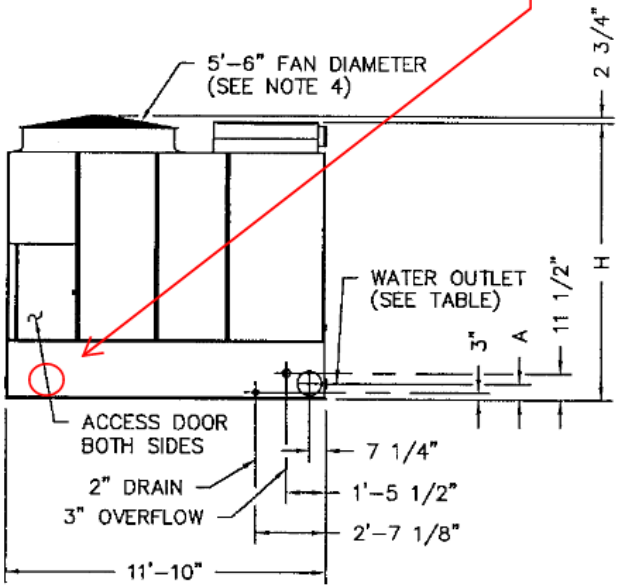
NEW OUTLET WOULD BE OVER HERE. RE-PIPING NECESSARY



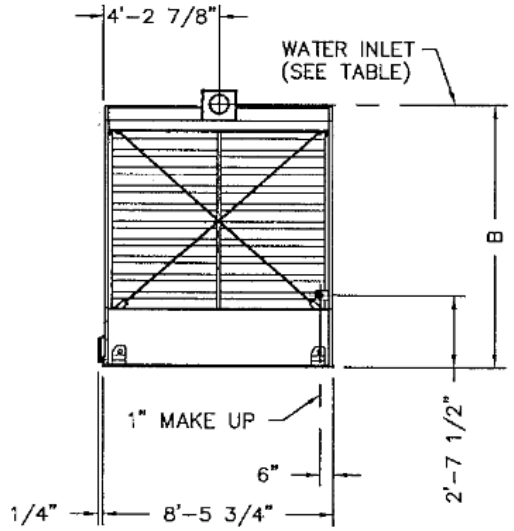
PLAN VIEW

MODEL NUMBER	SHIPPING WEIGHT	FLOW RATE (USGPM)		OPER. WEIGHT @		B	H
		NOMINAL FLOW	MAXIMUM FLOW	NOMINAL	MAXIMUM		
15146	3940	438	743	7450	7920	9'–8 5/8"	10'–2 7/8"
15160	3960	480	813	7540	7940	9'–8 5/8"	10'–2 7/8"
15176	4010	528	894	7640	7990	9'–8 5/8"	10'–2 7/8"
15162	4200	486	805	7990	8610	11'–0 5/8"	11'–6 7/8"
15177	4220	531	887	8100	8630	11'–0 5/8"	11'–6 7/8"
15201	4280	603	996	8290	8690	11'–0 5/8"	11'–6 7/8"
15219	4300	657	1083	8360	8710	11'–0 5/8"	11'–6 7/8"

WATER INLET AND OUTLET SIZING			
FLOW RANGE	WATER INLET SIZE	WATER OUTLET SIZE	A
260–850	6"	8"	7"
851–1000	8"	8"	7"



END ELEVATION



SIDE ELEVATION

NOTES:
1. CONNECTIONS 3" & SMALLER ARE MPT. CONNECTIONS 4" & LARGER ARE GROOVED TO SUIT A MECHANICAL COUPLING AND BEVELED FOR WELDING.
2. ALL DIMENSIONS ARE IN FEET AND INCHES. WEIGHTS ARE IN POUNDS.
3. FOR WEIGHT LOADING AND SUPPORT REQUIREMENTS REFER TO THE SUGGESTED STEEL SUPPORT DRAWING.
4. THE AREA ABOVE THE DISCHARGE OF THE FAN MUST BE UNOBSTRUCTED.
5. FOR ACTUAL OPERATING WEIGHT INTERPOLATE BETWEEN FLOW RATES GIVEN.

[RH UNIT]

B.A.C.
ORDER NO: U065476901

DATE: 05/23/06

BALTIMORE AIRCOIL COMPANY

SERIES 1500
COOLING TOWER

DRAWING NUMBER: [illegible] A

SERIES 1500 LOUVER FACE PLATFORM VS. HOT WATER BASIN HANRAIL