

City of Canton  
218 Cleveland Ave SW  
Canton, OH 44702

Regarding: Canton City Hall Cooling Tower Replacement

Scope – Marley Quadraflow Cooling Tower Model 2150 Replacement

Item A – Baltimore Aircoil Cooling Tower Cross Flow Tower Model XES15E-1212-07

This unit is highly energy efficient and only requires a 10HP fan motor, compared to the 20HP fan that is there currently. This unit has a 304 stainless steel cold water basin that is welded water tight. The rest of the unit is constructed from G-235 (Z700 metric) hot-dip galvanized steel protected by a thermosetting hybrid polymer. This hybrid polymer is key to protecting the galvanized steel on the rest of the unit, it is fuse bonded to the hot-dipped galvanized substrate during a thermally activated curing stage.

One (1) BAC XES15E-1212-07 Cooling Tower Comes Complete with the Following Features and Options:

- 10HP Fan Motor
- 304 Stainless Steel Cold Water Basin
- Rest of the Unit is Galvanized Steel Protected by a Thermosetting Hybrid Polymer
- Bottom Outlet for Pump Suction
- Vibration Cutout Switch
- Internal Ladder
- Makeup Float Valve
- Extended Lube Lines

ADD OPTION – NEMA 3R Control Panel for Control of Fan Motor

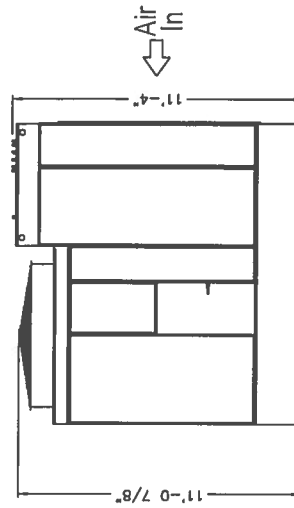
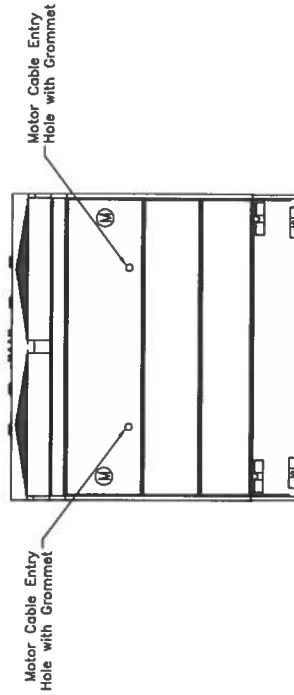
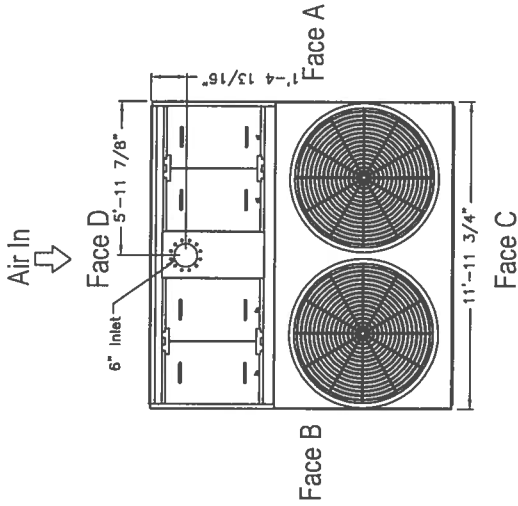
ADD OPTION – External Louver Face Platform with Safety Gate and Ladder

ADD OPTION - NEMA 3R Variable Frequency Drive for Control of Fan Motor

ADD OPTION - Basin Heater with Controls

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.



Face B

Face C

Face A

Model Number	Shipping Weight	Operating Weight	Heaviest Section
XES15E-1212-07HN	6210	14060	6243

RIGHT HAND



ORDER NO: **5849\_XES15E-1212-07HN**

DATE: **5/1/2019 3:54:25 PM**

Series 1500 Single Cell Unit Print

DRAWING NUMBER:  
**UP-5849 XES15E-1212-07HN**