

**BALTIMORE AIRCOIL**One of the
Amsted
Industries**SUBMITTAL DATA FORM**

C U S T O M E R		DATE	12/19/02, 11/08/02 08/27/02
		P.O. NO. B.A.C. NO. MODEL NO.	U026512001 3455A-MM-2/QX
PROJECT: ENGINEER: B.A.C. REP:			
COOLING TOWER			
<u>ALL INFORMATION IS PER UNIT</u>			
CERTIFIED CAPACITY: 900 USGPM OF WATER FROM 102°F TO 85°F AT 77.85°F ENTERING WET BULB.			
FAN MOTOR (S): (1) 20 HP, 1800 RPM, 3 PHASE, 60 HERTZ, SUITABLE 200 VOLTS, INVERTER DUTY, TEAO ENCLOSURE. FAN DRIVES BASED ON 0" ESP.			
NOTE: 1) Two speed fan motors and/or Energy Miser Fan Systems require a starter that incorporates a 15 second time delay when switching from high to low speed. 2) Inverter Duty fan motors, furnished in accordance with NEMA Standard Mg.1 Part 31 are required for applications using variable frequency drives for fan motor control.			
DRAWINGS		FEATURES	
UNIT PRINT (BAC-BA0GB0B200X02) VIBRATION RAILS (BAC-BB0MB00200) CONDUIT (BAC-BF0A00B200) SOUND ATTENUATION (BAC-BGKD000200) ELECTRIC WATER LEVEL CONTROL LOCATION (BAC-BH0C000200) ELECTRIC WATER LEVEL CONTROL WIRING (BAC-AGGGF000000) VIBRATION CUTOUT SWITCH LOCATION (BAC-BGAJ000100) VIBRATION CUTOUT SWITCH WIRING (BAC-17491A) INTERNAL WALKWAY (BAC-BGCK000M00) EXTERNAL LADDER (BAC-BGCB000M00) SWEEPER PIPING (BAC-BGHB000200X01)		DESIGNATED COMPONENTS ARE MADE OF STAINLESS STEEL (SEE MECHANICAL SPECIFICATIONS) LOW SOUND FAN OPTION EASY CONNECT®, END INLET END OUTLET, PUMP SUCTION SPRING VIBRATION ISOLATION RAILS ELECTRIC WATER LEVEL CONTROL PACKAGE WITH HIGH & LOW LEVEL ALARM MECHANICAL VIBRATION CUTOUT SWITCH(ES) BASIN SWEEPER PIPING FULL SOUND ATTENUATION TO INCLUDE SOLID BOTTOM PANELS EXTENDED LUBRICATION LINES AND AIR INLET SCREENS (2) ALUMINUM LADDERS TO FAN DECK WITH PERIMETER HANDRAILS INTERNAL WALKWAY(S) MANUAL BALANCE CLEAN DRAIN VALVES	
THANK YOU FOR YOUR ORDER ACCEPTED AT BALTIMORE AIRCOIL COMPANY ON AUGUST 27, 2002.			
REVISED 9/19/02: CHANGED WATER LEVEL CONTROL PACKAGE TO INCLUDE LOW LEVEL ALARM REVISED 11/08/02: ADDED SECOND FAN ACCESS LADDER TO UNIT TO ACCESS BOTH HOT WATER BASINS REVISED 12/19/02: RELOCATED DRAIN CONNECTION, SUMP SWEEPER PIPIN			

P.O. BOX 7322, BALTIMORE, MARYLAND 21227 / TELE: (410) 799-6200 / FAX: (410) 799-6418

Model Number	Shipping Weight	Heaviest Section	Operating Weight	"H" Dimension	"A" Dimension	"D" Dimension
3455A-MMA-2QX	17480	8740	38960	12'-1 1/8"	11'-3 3/4"	6'-5 3/4"

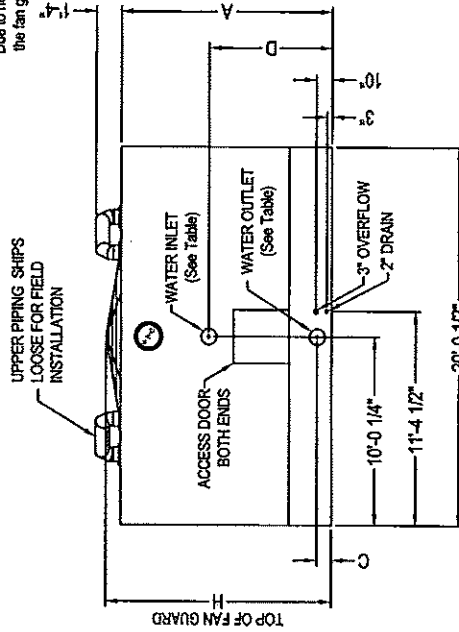
6'-1 1/4" for 8" Inlet Connection
6'-6 3/4" for 10" Inlet Connection

Water Inlet and Outlet Sizing (Per Cell)			
Flow Range	End Inlet Size	End Outlet Size	"C" Dimension
286 - 1300	8"	8"	8 1/16"

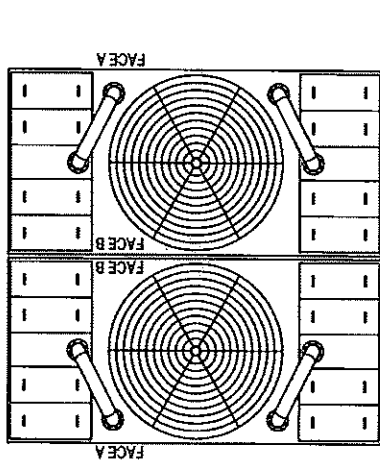
NOTES:

1. Unless otherwise indicated, connections 3" and smaller are MPT. Connections 4" and larger are grooved to suit a mechanical coupling and beveled for welding.
2. All dimensions are in feet and inches. Weights are in pounds and represent the standard unit configuration. Some accessories require weight adds that are shown on the respective accessory drawings.
3. For weight loadings and support requirements, refer to the suggested steel support drawing.
4. The area above the fan discharge must be unobstructed.
5. Piping must not be supported by the lower inlet or outlet connections.
6. Refer to make-up valve drawing for location and size of make-up valve connections.

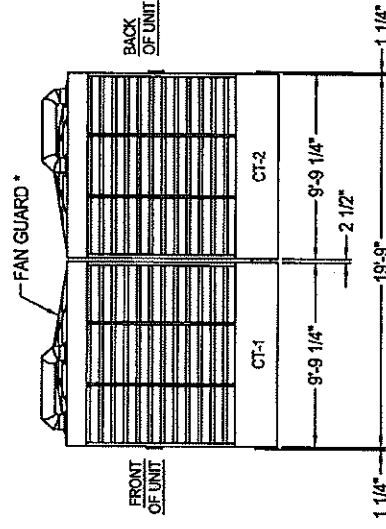
* Due to height limitations on truck shipments, the fan guard may ship unmounted.



END ELEVATION (FACE A)
(CONNECTIONS SAME BOTH ENDS)



PLAN VIEW



SIDE ELEVATION

ORDER NO: U026512001

DATE: 08/27/02



Baltimore Aircoil

Series 3000 Unit Print

End Inlet Easy Connection / End Outlet / Pump Suction

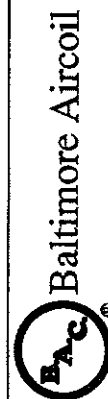
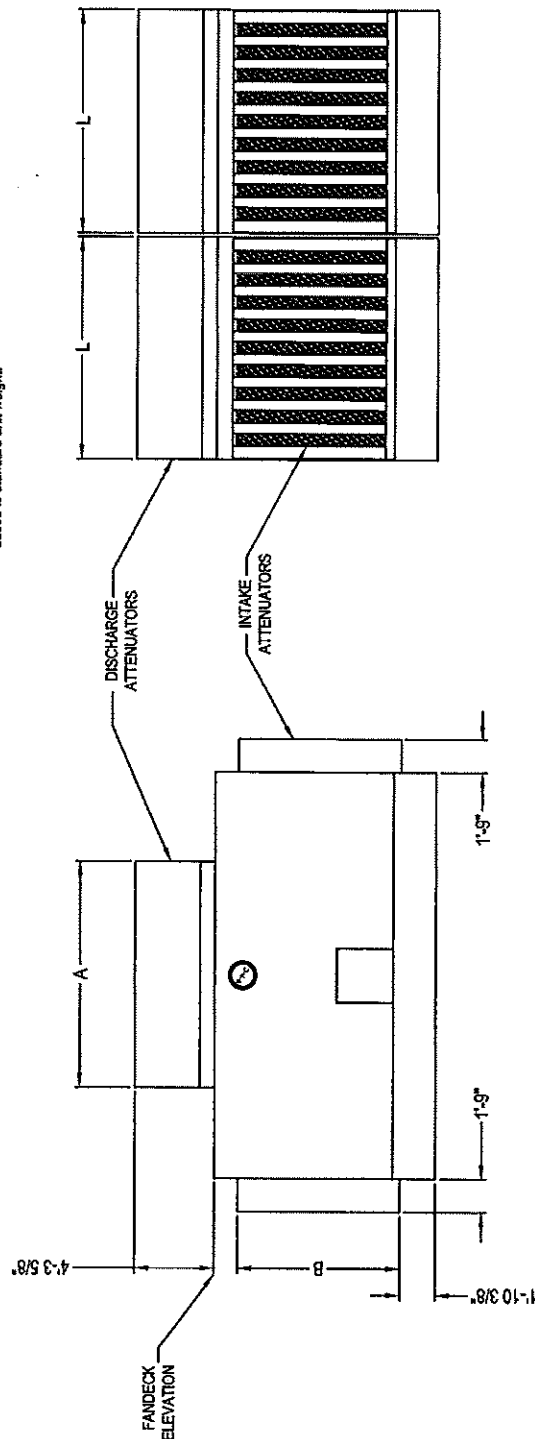
DRAWING NUMBER:

BAC-BA0GB0B200

Series 3000 Sound Attenuation Dimensional Data				Weight (lbs) / Cell	
Model Number	A	B	L	Both Air Intakes	Discharge Section
3455A-2, 3482A-2, 3527A-2	9'-11 1/2"	8'-3 1/2"	9'-9 1/4"	1250	880

NOTES:

1. Sound attenuators are shipped separately for field installation.
2. Weights given are for sound attenuators and should be added to standard unit weight.



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Series 3000

Intake and Discharge Sound Attenuation / Single Piece Units

DRAWING NUMBER:

BAC-BGKD000200