

For Mounting Heights To 8' (environmental separation)

#### STANDARD CONSTRUCTION

- 11" high x 24" deep
- 1/2 hp motor(s) - ten speeds
- Factory installed Intelliswitch digital controller
- White powder coated exterior (Optional: Custom Color or Stainless)
- Wall & Top Mounting
- High efficiency, low noise Pro-V Nozzle
- Optional: Decorative adaptor
- Optional: Wi-Fi Controller, works with the Berner App



Berner International certifies that the air curtains shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. Rated data shown is for base (unheated) units. The AMCA Certified Ratings Seal applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only.

**5 Year Limited Warranty**



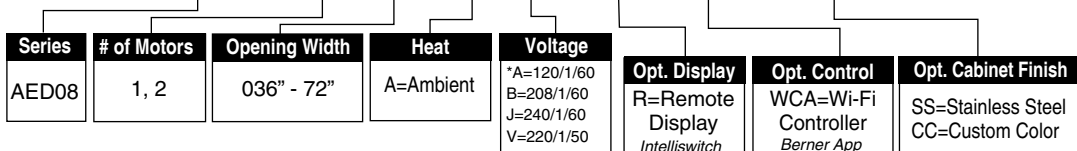
MODEL	Nozzle Width (in)	Max Vel. at Nozzle (fpm)	Avg. Outlet Vel. (fpm)	Air Volume (cfm)	Outlet Vel. Uniformity	Power Rating (kW)	Motor(s) @ hp	Net Wt. (lbs)
AED08-1036A	36.50	3,255	1,680	1,155	79%	0.34	1 @ 1/2	111
AED08-1042A	42.50	2,481	1,812	1,305	71%	0.44	1 @ 1/2	135
AED08-1048A	48.50	2,958	1,838	1,685	78%	0.49	1 @ 1/2	158
AED08-1060A	59.50	3,168	1,697	1,912	71%	0.56	1 @ 1/2	185
AED08-2072A	73.00	3,255	1,680	2,310	79%	0.68	2 @ 1/2	225

NOTE: Operation at 50 Hz will generate approximately a 17% reduction in air performance.

See sheet EP-230 for amp draws/total load requirements.

### MODEL NUMBER CONFIGURATION

**AED08-1 036 A A -R-WCA-CC**



\*Suitable for 50hz for Standard offering, leave options (Opt.) blank

VELOCITY PROJECTION: Model AED08-1036A			
Distance from Nozzle (in)	24	36	48
Core Velocity (fpm)	1483	1181	961
Uniformity (%)	65	74	77

Sound level measured 10' (3m) from the unit in free field:  
 AED08-1036 & AED08-1042: Min./Max. Speed: 58/62 dBA  
 AED08-1048 & AED08-1060: Min./Max. Speed: 60/64 dBA  
 AED08-2072: Min./Max. Speed: 61/65 dBA

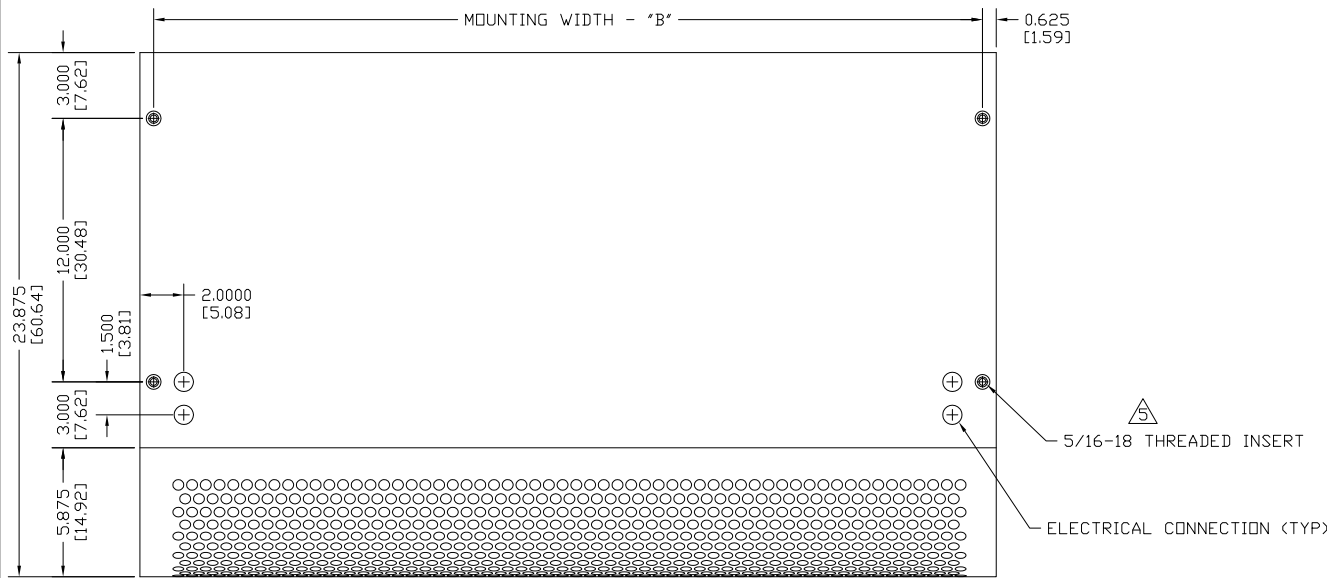
Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.

MODEL	# CKTS	120/1/60 (voltage code A) MOTOR AMP DRAW = 8.5 each		# CKTS	208/1/60 (voltage code B) MOTOR AMP DRAW = 4.3 each		# CKTS	240/1/60 (voltage code J) or 220/1/50 (voltage code V) MOTOR AMP DRAW = 4.3 each	
		AMPS PER CIRCUIT	BREAKER RATING PER CIRCUIT		AMPS PER CIRCUIT	BREAKER RATING PER CIRCUIT		AMPS PER CIRCUIT	BREAKER RATING PER CIRCUIT
AED08-1036A AED08-1042A	1	8.5	15	1	4.3	15	1	4.3	15
AED08-1048A AED08-1060A	1	8.5	15	1	4.3	15	1	4.3	15
AED08-2072A	1	17.0	20	1	8.6	15	1	8.6	15

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# TOP VIEW

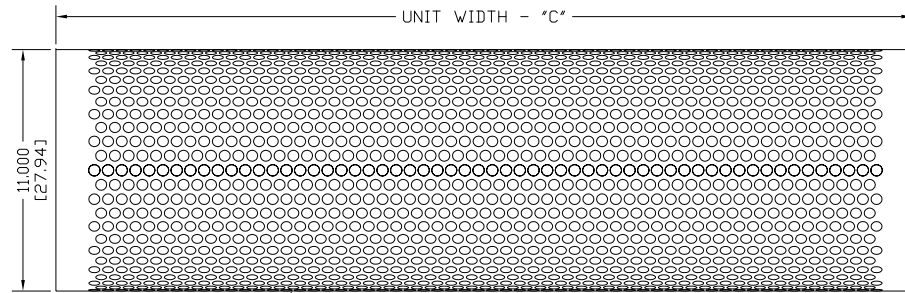


# AED08 AMBIENT SYSTEM

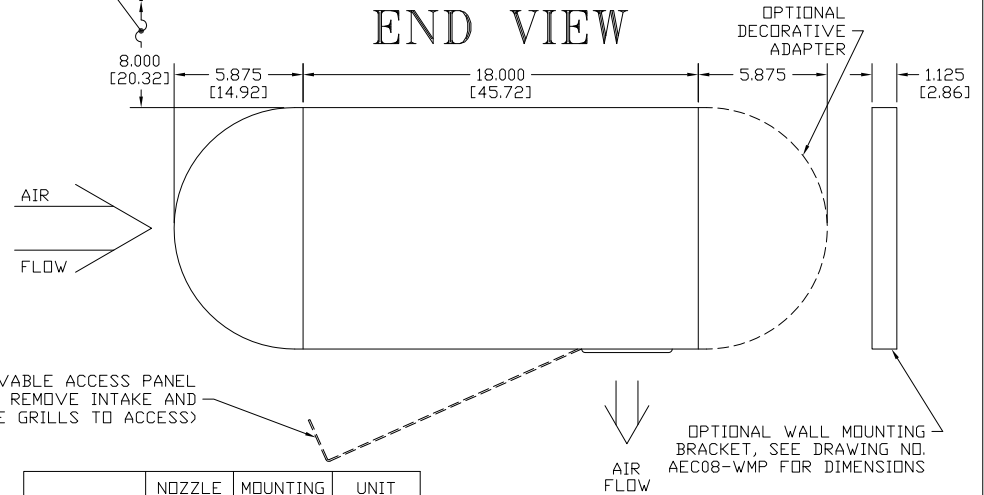
## NOTES:

- ⚠️ AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF  $\phi$ .
- ⚠️ ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
- ⚠️ FIELD VERIFY DIMENSIONS.
- ⚠️ ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
- ⚠️ ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
- ⚠️ LETTER "A" IN MODEL NUMBER DESIGNATES AMBIENT UNIT.
- ⚠️ DIMENSIONS IN INCHES [CENTIMETERS].

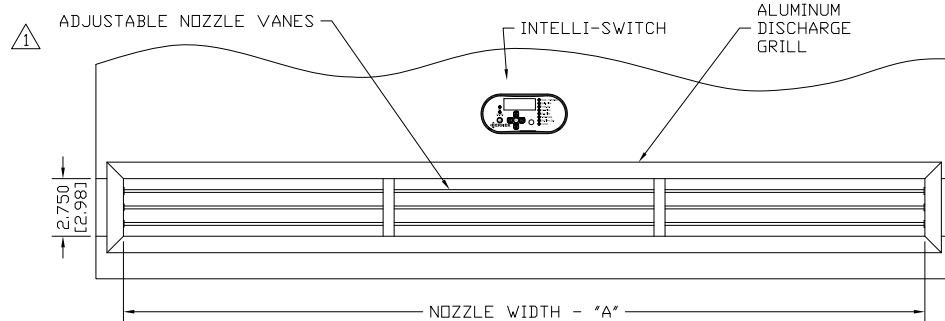
# FRONT VIEW



# END VIEW



# BOTTOM VIEW



MODEL	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
AED08-1036A	36.500 [92.71]	37.750 [95.89]	39.000 [99.06]
AED08-1042A	42.500 [107.95]	43.750 [111.13]	45.000 [114.30]
AED08-1048A	48.500 [123.19]	49.750 [126.37]	51.000 [129.54]
AED08-1060A	59.500 [151.13]	60.750 [154.31]	62.000 [157.48]
AED08-2072A	75.000 [190.50]	76.813 [195.11]	78.053 [198.25]

PROJECT		TITLE: <b>BERNER</b>
LOCATION		MODEL AED08 AIR CURTAIN
ARCHITECT		AMBIENT SYSTEM
ENGINEER		
DWG. NO.	AED08-AMB	
DATE	31MAR2017	
BY	S. Beil	
REPLACES	-	
BY	-	
BERNER INTERNATIONAL CORP. NEW CASTLE, PA.		