

For Mounting Heights To 10' (environmental separation) and 8' (insect control)

#### STANDARD CONSTRUCTION

- 14 1/2" high x 28 1/4" deep
- 1/2 hp EC motor(s)
- Intelliswitch™ digital controller - ten speeds
- Berner AIR™ (smart controller & app) includes BACnet
- Cabinet: Brushed Stainless Steel, Grade 304 or better
- Bottom Panel: Clear satin anodized aluminum (Optional: White Aluminum, Custom Color or Stainless)
- Wall or Top Mounting
- High efficiency, low noise, articulating Pro-V Nozzle
- Filter (washable)
- Optional: Rear cover for top mounting to conceal fasteners

Energy Codes ASHRAE 90.1-2019, IECC 2018, and ASHRAE 189.1 vestibule exception validated by AMCA certification. Refer to Velocity Projection Chart below for information.



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)
AE10-E-1036A	36.00	3,440	2,071	1,424	80%	0.51	1 @ 1/2	100
AE10-E-1042A	42.00	3,711	1,849	1,483	82%	0.52	1 @ 1/2	112
AE10-E-1048A	48.00	3,975	1,973	1,809	92%	0.63	1 @ 1/2	125
AE10-E-1060A	59.00	3,803	1,619	1,824	82%	0.61	1 @ 1/2	168
AE10-E-2072A	72.00	3,440	2,071	2,848	80%	1.02	2 @ 1/2	193
AE10-E-2084A	84.00	3,711	1,849	2,966	82%	1.04	2 @ 1/2	218
AE10-E-2096A	96.00	3,975	1,973	3,618	92%	1.26	2 @ 1/2	244
AE10-E-2108A	108.00	3,975	1,761	3,633	82%	1.24	2 @ 1/2	287
AE10-E-2120A	118.00	3,803	1,619	3,648	82%	1.22	2 @ 1/2	306
AE10-E-3132A	132.00	3,975	2,000	5,042	80%	1.77	3 @ 1/2	337
AE10-E-3144A	144.00	3,975	1,973	5,427	92%	1.89	3 @ 1/2	362

See sheet EP-230E-EC for amp draws/total load requirements. 600/3/60 power supply includes extended cabinet, See drawing AE10-E-AMB-600

### MODEL NUMBER CONFIGURATION

AE10-E-1 036 A A-EC-WCA -TB-SA

Series	Version	# of Motors	Opening Width	Heat	Voltage	Motor Type	Control	Opt. Display	Material/Finish	
									Cabinet	Bottom Panel
AE10	E	1, 2, 3, 4	036" - 144"	A=Ambient	A = 120/1/60* B = 208/1/60 J = 240/1/60 V = 220/1/50 W = 277/1/60 A-XI = 600/3/60 †	EC Motor	WCA= Berner AIR™ smart control	Remote Touchscreen	S=Stainless (std) A= Anod Alum C=Custom Color	A=Anod Alum (std) S=Stainless C=Custom Color

\*Suitable for 50 Hz  
† Add 12" to cabinet width for transformer

Sound level measured 10' (3m) from the unit in free field:  
 1 motor: Min./Max. Speed: 53/56 dBA  
 2 motors: Min./Max. Speed: 56/59 dBA  
 3 motors: Min./Max. Speed: 59/61 dBA

Sound data is not AMCA certified.

VELOCITY PROJECTION: Model AE10-E-1036A				
Distance from Nozzle (in)	40	80	120	160
Core Velocity (fpm)	1454	971	918	748
Uniformity (%)	88%	91%	92%	95%

ASHRAE 90.1-2019 vestibule exception requires, "a jet velocity of not less than 6.6 feet per second (2.0 m/s; 400 fpm) at 6.0 in (15 cm) above the floor."

Berner reserves the right to alter specifications without prior notice.