

For Mounting Heights To 10' (environmental separation)

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
- Patented single stage venturi electric heater (open element)
- Alternate kW: see sheet EP-232E
- 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 (electric heated) 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.

2 Year Limited Warranty



indoor use

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	Max. Electric Capacity (kW)	Heater Output (MBH)	Air Temp. Rise (°F)	Net Wt. (lbs)
AE10-E-1036E	36.00	3,552	1,968	1,353	80%	0.45	1 @ 1/2	14	47.8	33°	104
AE10-E-1042E	42.00	3,543	1,773	1,422	82%	0.47	1 @ 1/2	14	47.8	31°	116
AE10-E-1048E	48.00	3,919	1,927	1,766	92%	0.63	1 @ 1/2	14	47.8	25°	129
AE10-E-1060E	59.00	4,087	1,594	1,796	86%	0.59	1 @ 1/2	14	47.8	25°	176
AE10-E-2072E	72.00	3,552	1,968	2,706	80%	0.90	2 @ 1/2	28	95.6	33°	201
AE10-E-2084E	84.00	3,543	1,773	2,844	82%	0.94	2 @ 1/2	28	95.6	31°	226
AE10-E-2096E	96.00	3,919	1,927	3,532	92%	1.26	2 @ 1/2	28	95.6	25°	252
AE10-E-2108E	108.00	4,087	1,727	3,562	86%	1.22	2 @ 1/2	28	95.6	25°	299
AE10-E-2120E	118.00	4,087	1,594	3,592	86%	1.18	2 @ 1/2	28	95.6	25°	318
AE10-E-3132E	132.00	3,919	1,938	4,885	80%	1.71	3 @ 1/2	42	143.3	27°	349
AE10-E-3144E	144.00	3,919	1,927	5,298	92%	1.89	3 @ 1/2	42	143.3	25°	374

See sheet EP-232E-EC for amp draws/total load requirements.

600/3/60 power supply includes extended cabinet, See drawing AE10-E-ELE-600.

NOTE: Single Point Power Connection – consult factory.

MODEL NUMBER CONFIGURATION

AE10-E-1 036 E B-140-EC-WCA -TB-SA

Series	Version	# of Motors	Opening Width	Heat	Voltage	kW	Motor Type	Control	Opt. Display	Material/Finish	
AE10	E	1, 2, 3, 4	036" - 144"	E=Electric Heated		14.0 - 42.0 (140 - 420)	EC Motor	WCA= Berner AIR™ smart control	Remote Touchscreen	Cabinet	Bottom Panel
					B = 208/1/60* J = 240/1/60* V = 220/1/50* W = 277/1/60* K = 120/480 L = 120/600 S = 208/480 M = 208/600 U = 240/480 N = 240/600 X = 208/3/60 Y = 240/3/60 WZ = 480/3/60** L-XI = 600/3/60 † O = 380/3/50**	See sheet EP-232E for alternate kW code				S=Stainless (std) A= Anod Alum C=Custom Color	A=Anod Alum (std) S=Stainless C=Custom Color

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.

*B, J and V - Max 16 kW

**W - Max 20 kW

**Power Supply requires 4-wire system (w/ neutral)

† Add 12" to cabinet width for transformer

See sheet EP-232E for available lengths and voltages

VELOCITY PROJECTION: Model AE10-E-1036E

Distance from Nozzle (in)	40	80	120	160
Core Velocity (fpm)	1180	895	887	760
Uniformity (%)	83%	84%	92%	97%

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.