

Recommended for Mounting Heights to 8' (environmental separation) and 7' (insect control)

Vestibule Exception for Energy Codes ASHRAE 90.1-2019, IECC 2018, and ASHRAE 189.1, validated by AMCA certification.

VELOCITY PROJECTION: Model AE08-F-1036A

Distance from Nozzle (in)	40	80	120
Core Velocity (fpm)	874	766	576
Uniformity (%)	90%	88%	87%

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



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**



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	Net Wt. (lbs)
AE08-F-1036A	36.00	2,308	1,758	989	85%	0.21	1 @ 1/5	52
AE08-F-1042A	42.00	2,425	1,778	1,167	83%	0.24	1 @ 1/5	59
AE08-F-1048A	48.00	2,417	1,827	1,370	80%	0.26	1 @ 1/5	66
AE08-F-1060A	59.00	2,276	1,827	1,684	81%	0.33	1 @ 1/5	81
AE08-F-1072A	72.00	2,185	1,648	1,854	84%	0.35	1 @ 1/5	95
AE08-F-2078A	78.00	2,425	1,769	2,156	83%	0.44	2 @ 1/5	117
AE08-F-2084A	84.00	2,425	1,778	2,334	83%	0.47	2 @ 1/5	117
AE08-F-2096A	96.00	2,417	1,827	2,740	80%	0.53	2 @ 1/5	132
AE08-F-2108A	108.00	2,417	1,810	3,054	80%	0.60	2 @ 1/5	146
AE08-F-2120A	118.00	2,276	1,827	3,368	81%	0.67	2 @ 1/5	157

See sheet EP-220E for amp draws/total load requirements.
600/3/60 power supply includes an extended cabinet, See drawing AE08-F-AMB-TR.

MODEL NUMBER CONFIGURATION

AE08-F-1 036 A A-EC-CM -D-R-SA

Series	Version	# of Motors	Opening Width	Heat	Voltage	Motor Type	Berner AIR	Opt. Interconnect	Opt. Display	Material / Finish	
AE08	F	1, 2	036" - 120"	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	CM=BMS	D=Physical Data Link (daisy chain)	R=Remote Display TB=Tablet	Cabinet	Bottom Panel
										S=Stainless (std) A= Anod Alum C=Custom Color	A=Anod Alum (std) S=Stainless C=Custom Color

*Suitable for 50hz
† Add 5" to cabinet width for transformer

for Standard offering, leave options (Opt.) blank

STANDARD CONSTRUCTION

- 11" high x 23" deep
- 1/5 hp EC motor(s) - ten speeds
- Intelliswitch™ digital controller, includes Berner AIR™ BMS (smart control and BACnet & Modbus)
- Cabinet: Brushed stainless steel, grade 304
- Bottom Panel: Clear satin anodized aluminum
- Wall or Top Mounting
- High efficiency, low noise, articulating Pro-V Nozzle
- Filter (washable)

Options

- Custom Color or Stainless
- Rear cover for top mounting to conceal fasteners

Sound level measured 10' (3m) from the unit in free field:

1 motor: Min./Max. Speed: 49/55 dBA

2 motors: Min./Max. Speed: 52/58 dBA

Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.