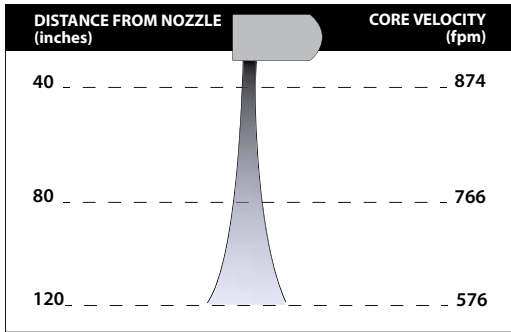


Vestibule Exception Compliance: up to 10 ft. AFF / Optimal Environmental Separation: up to 8 ft. AFF



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) |
|--------------|-------------------|--------------------------|------------------------|------------------|------------------------|-------------------|---------------|---------------|
| AI08-F-1036A | 36.00 | 2,308 | 1,758 | 989 | 85% | 0.21 | 1 @ 1/5 | 48 |
| AI08-F-1042A | 42.00 | 2,425 | 1,778 | 1,167 | 83% | 0.24 | 1 @ 1/5 | 53 |
| AI08-F-1048A | 48.00 | 2,417 | 1,827 | 1,370 | 80% | 0.26 | 1 @ 1/5 | 58 |
| AI08-F-1060A | 59.00 | 2,276 | 1,827 | 1,684 | 81% | 0.33 | 1 @ 1/5 | 69 |
| AI08-F-1072A | 72.00 | 2,185 | 1,648 | 1,854 | 84% | 0.35 | 1 @ 1/5 | 79 |
| AI08-F-2078A | 78.00 | 2,425 | 1,769 | 2,156 | 83% | 0.44 | 2 @ 1/5 | 96 |
| AI08-F-2084A | 84.00 | 2,425 | 1,778 | 2,334 | 83% | 0.47 | 2 @ 1/5 | 106 |
| AI08-F-2096A | 96.00 | 2,417 | 1,827 | 2,740 | 80% | 0.53 | 2 @ 1/5 | 116 |
| AI08-F-2108A | 108.00 | 2,417 | 1,810 | 3,054 | 80% | 0.60 | 2 @ 1/5 | 127 |
| AI08-F-2120A | 118.00 | 2,276 | 1,827 | 3,368 | 81% | 0.67 | 2 @ 1/5 | 138 |

See sheets EP-280E-AC & EP-280E-EC for amp draws/total load requirements.
600/3/60 power supply includes transformer housing, See drawing AI08-F-AMB-600

NOTE: Operation of standard motor (AC) at 50Hz will generate a 17% reduction in performance; no reduction for optional EC motors.

MODEL NUMBER CONFIGURATION

AI08-F-1 036 A A-AC-CB-D-R-SS

| Series | Version | # of Motors | Opening Width | Heat | Voltage | Motor Type | Berner AIR | Opt. Data Link | Opt. Display | Opt. Cabinet Finish |
|--------|---------|-------------|---------------|-----------|---|------------------------|----------------------------------|---------------------------------------|-------------------------------|---------------------------------------|
| AI08 | F | 1, 2 | 036" - 120" | A=Ambient | AC & EC motors A = 120/1/60* B = 208/1/60 J = 240/1/60 V = 230/1/50 A-XI = 600/3/60 † W = 277/1/60 | AC (Std.) EC (Opt.) | CB=BASIC (Std.) CM=BMS (Opt.) | D=Physical Interconnect (daisy chain) | R=Remote Display TB=Tablet | SS=Stainless Steel CC=Custom Color |

for Standard offering, leave options (Opt.) blank

STANDARD CONSTRUCTION

- 8 1/4" high x 16" deep
- 1/5 hp AC motor(s) - ten speeds
- Touchscreen interface with Intelliswitch™ digital controller, includes Berner AIR® BASIC (smart control)
- Clear satin anodized aluminum exterior
- Wall or Top Mounting
- High efficiency, low noise, articulating, three vane, Pro-V Nozzle
- Filter (washable)

OPTIONS

- 1/5 hp EC motor(s) - ten speeds
- Berner AIR® BMS (smart control with BACnet and Modbus capabilities)
- Custom Color or Stainless
- Rear cover for top mounting to conceal fasteners

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

| VELOCITY PROJECTION: Model AI08-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."

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.