

For Mounting Heights To 8' (environmental separation)

STANDARD CONSTRUCTION

- 11" high x 23" deep
- 1/5 hp EC motor(s)
- Intelliswitch™ digital controller - ten speeds
- Berner AIR™: Wireless Controller and App
- 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
- Single stage electric heater (open element)
- Alternate kW: see sheet EP-222E
- 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 Corporation 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.

2 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 | Max Electric Capacity (kW) | Heater Output (MBH) | Air Temp. Rise (°F) | Net Wt. (lbs) |
|--------------|-------------------|--------------------------|------------------------|------------------|------------------------|-------------------|---------------|----------------------------|---------------------|---------------------|---------------|
| AE08-E-1036E | 36.00 | 2,312 | 1,607 | 904 | 53% | 0.25 | 1 @ 1/5 | 10.0 | 34.1 | 35° | 57 |
| AE08-E-1042E | 42.00 | 2,004 | 1,681 | 1,103 | 56% | 0.29 | 1 @ 1/5 | 10.0 | 34.1 | 29° | 64 |
| AE08-E-1048E | 48.00 | 2,258 | 1,725 | 1,294 | 57% | 0.37 | 1 @ 1/5 | 14.4 | 49.1 | 35° | 71 |
| AE08-E-1060E | 60.00 | 2,189 | 1,790 | 1,678 | 61% | 0.43 | 1 @ 1/5 | 14.4 | 49.1 | 27° | 86 |
| AE08-E-1072E | 72.00 | 2,019 | 1,758 | 1,978 | 71% | 0.50 | 1 @ 1/5 | 20.0 | 68.3 | 32° | 100 |
| AE08-E-2084E | 84.00 | 2,004 | 1,681 | 2,206 | 56% | 0.58 | 2 @ 1/5 | 20.0 | 68.3 | 29° | 127 |
| AE08-E-2096E | 96.00 | 2,258 | 1,725 | 2,588 | 57% | 0.74 | 2 @ 1/5 | 28.8 | 98.3 | 35° | 142 |
| AE08-E-2108E | 108.00 | 2,258 | 1,761 | 2,972 | 57% | 0.80 | 2 @ 1/5 | 28.8 | 98.3 | 30° | 156 |
| AE08-E-2120E | 117.00 | 2,189 | 1,836 | 3,356 | 61% | 0.86 | 2 @ 1/5 | 28.8 | 98.3 | 27° | 167 |

See sheet EP-222E for amp draws/total load requirements and alternate kW. 600/3/60 power supply includes extended cabinet, See drawing AE08-E-ELE-TR. NOTE: Single Point Power Connection – consult factory.

MODEL NUMBER CONFIGURATION

AE08-E-1 036 E B-100-EC-WCA -TB-SA

| Series | Version | # of Motors | Opening Width | Heat | Voltage | kW | Motor Type | Control | Opt. Display | Material/Finish | |
|--------|---------|-------------|---------------|-------------------|--|-------------------------|------------|-----------------------------------|--------------------|--|--|
| AE08 | E | 1, 2 | 036" - 120" | E=Electric Heated | 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** | 10.0 - 28.8 (100 - 288) | EC Motor | Wireless Controller Berner App | Remote Touchscreen | Cabinet S=Stainless (std) A= Anod Alum W=White Alum C=Custom Color | Bottom Panel A=Anod Alum (std) W=White Alum S=Stainless C=Custom Color |

See sheet EP-222E for alternate kW code

*B - Max 16.2 kW
*J and V - Max 16.2 kW or 20 kW based on # motors
*W - Max 21.6 kW
**Power Supply requires 4-wire system (w/ neutral)
† Add 5" to cabinet width for transformer
See sheet EP-222 for available lengths and voltages

| Distance from Nozzle (in) | 40 | 80 | 120 |
|---------------------------|------|------|-----|
| Core Velocity (fpm) | 1413 | 1011 | 804 |
| Uniformity (%) | 72 | 91 | 92 |

Sound level measured 10' (3m) from the unit in free field:
1 motor: Min./Max. Speed: 50/53 dBA
2 motors: Min./Max. Speed: 53/56 dBA
Sound data is not AMCA certified.

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.



ARCHITECTURAL ELITE 8

Electric Air Curtain

Electrical Performance Sheet

| MODEL | KW (code) | Temp Rise °F | 208/1/60 (voltage code B) MOTOR AMP DRAW = 2.5 each | | | 240/1/60 (voltage code J) or 220/1/50 (voltage code V) MOTOR AMP DRAW = 2.5 each | | | 277/1/60 (voltage code W) MOTOR AMP DRAW = 2.2 each | | |
|--|------------|--------------|--|------------------------------------|----------------------------|--|------------------------------------|----------------------------|--|------------------------------------|----------------------------|
| | | | # CKTS | AMPS PER CIRCUIT (including motor) | BREAKER RATING PER CIRCUIT | # CKTS | AMPS PER CIRCUIT (including motor) | BREAKER RATING PER CIRCUIT | # CKTS | AMPS PER CIRCUIT (including motor) | BREAKER RATING PER CIRCUIT |
| AE08-E-1036E AE08-E-1042E | 10 (100) | 30 | 1 | 50.6 | 60 | 1 | 44.2 | 60 | 1 | 38.3 | 50 |
| | 7.5 (075) | 23 | 1 | 38.6 | 50 | 1 | 33.8 | 45 | 1 | 29.3 | 40 |
| | 5.6 (056) | 17 | 1 | 29.4 | 40 | 1 | 25.8 | 35 | - | N/A | N/A |
| | 4 (040) | 12 | 1 | 21.7 | 30 | - | N/A | N/A | - | N/A | N/A |
| AE08-E-1048E AE08-E-1060E | 14.4 (144) | 33 | 2 | 37.1/34.6 | 50/45 | 2 | 32.5/30.0 | 45/40 | 2 | 28.2/26.0 | 40/35 |
| | 10.8 (108) | 25 | 2 | 28.5/26.0 | 40/35 | 1 | 47.5 | 60 | 1 | 41.2 | 60 |
| | 8.1 (081) | 18 | 1 | 41.7 | 60 | 1 | 36.3 | 50 | - | N/A | N/A |
| | 5.6 (056) | 13 | 1 | 29.4 | 40 | - | N/A | N/A | - | N/A | N/A |
| AE08-E-1072E | 20 (200) | 30 | - | N/A | N/A | 2 | 44.2/41.7 | 60/60 | 2 | 38.3/36.1 | 50/50 |
| | 15 (150) | 23 | 2 | 38.6/36.1 | 50/50 | 2 | 33.8/31.3 | 45/40 | 2 | 29.3/27.1 | 40/35 |
| | 11.2 (112) | 17 | 2 | 29.4/26.9 | 40/35 | 1 | 49.2 | 60 | - | N/A | N/A |
| | 8 (080) | 12 | 1 | 41.0 | 60 | - | N/A | N/A | - | N/A | N/A |
| AE08-E-2084E | 20 (200) | 26 | - | N/A | N/A | - | N/A | N/A | 2 | 40.5/36.1 | 60/50 |
| | 15 (150) | 19 | 2 | 41.1/36.1 | 60/50 | 2 | 36.3/31.3 | 45/40 | 2 | 31.5/27.1 | 40/35 |
| | 11.2 (112) | 15 | 2 | 30.5/26.9 | 40/35 | 1 | 51.7 | 60 | - | N/A | N/A |
| | 8 (080) | 10 | 1 | 42.1 | 60 | - | N/A | N/A | - | N/A | N/A |
| AE08-E-2096E AE08-E-2108E AE08-E-2120E | 28.8 (288) | 33 | - | N/A | N/A | - | N/A | N/A | - | N/A | N/A |
| | 21.6 (216) | 25 | - | N/A | N/A | - | N/A | N/A | 2 | 43.4/39.0 | 60/50 |
| | 16.2 (162) | 19 | 2 | 43.9/38.9 | 60/50 | 2 | 38.8/33.8 | 50/45 | - | N/A | N/A |
| | 11.2 (112) | 13 | 2 | 31.9/26.9 | 40/35 | - | N/A | N/A | - | N/A | N/A |



ARCHITECTURAL ELITE 8

Electric Air Curtain

Electrical Performance Sheet

| MODEL | kW (code) | Temp Rise °F | 208/3/60 (voltage code X) MOTOR AMP DRAW = 2.5 each | | | 240/3/60 (voltage code Y) MOTOR AMP DRAW = 2.5 each | | | 480/3/60 (voltage code WZ) - 4 Wire System MOTOR AMP DRAW = 2.2 each @ 277V | | | 600/3/60 (voltage code L-XI) XFMR 600/120 0.5kVA per MTR @ 0.8 each MOTOR AMP DRAW = 2.9 each @ 120V | | |
|--|------------|--------------|--|------------------------------------|----------------------------|--|------------------------------------|----------------------------|--|------------------------------------|----------------------------|--|------------------------------------|----------------------------|
| | | | # CKTS | AMPS PER CIRCUIT (including motor) | BREAKER RATING PER CIRCUIT | # CKTS | AMPS PER CIRCUIT (including motor) | BREAKER RATING PER CIRCUIT | # CKTS | AMPS PER CIRCUIT (including motor) | BREAKER RATING PER CIRCUIT | # CKTS | AMPS PER CIRCUIT (including motor) | BREAKER RATING PER CIRCUIT |
| AE08-E-1036E AE08-E-1042E | 10 (100) | 30 | 1 | 30.3 | 40 | 1 | 26.6 | 35 | 1 | 14.2 | 20 | 1 | 10.4 | 15 |
| | 7.5 (075) | 23 | 1 | 23.3 | 30 | 1 | 20.5 | 30 | 1 | 11.2 | 15 | - | N/A | N/A |
| | 5.6 (056) | 17 | 1 | 18.0 | 25 | 1 | 16.0 | 20 | - | N/A | N/A | - | N/A | N/A |
| | 4 (040) | 12 | 1 | 13.6 | 20 | - | N/A | N/A | - | N/A | N/A | - | N/A | N/A |
| AE08-E-1048E AE08-E-1060E | 14.4 (144) | 33 | 1 | 42.5 | 60 | 1 | 37.1 | 50 | 1 | 19.5 | 25 | 1 | 14.7 | 20 |
| | 10.8 (108) | 25 | 1 | 32.5 | 45 | 1 | 28.5 | 40 | 1 | 15.2 | 20 | - | N/A | N/A |
| | 8.1 (081) | 18 | 1 | 25.0 | 35 | 1 | 22.0 | 30 | - | N/A | N/A | - | N/A | N/A |
| | 5.6 (056) | 13 | 1 | 18.0 | 25 | - | N/A | N/A | - | N/A | N/A | - | N/A | N/A |
| AE08-E-1072E | 20 (200) | 30 | 2 | 30.3/27.8 | 40/35 | 2 | 26.6/24.1 | 35/35 | 1 | 26.3 | 35 | 1 | 20.0 | 30 |
| | 15 (150) | 23 | 1 | 44.1 | 60 | 1 | 38.6 | 50 | 1 | 20.2 | 30 | - | N/A | N/A |
| | 11.2 (112) | 17 | 1 | 33.6 | 45 | 1 | 29.4 | 40 | - | N/A | N/A | - | N/A | N/A |
| | 8 (080) | 12 | 1 | 24.7 | 35 | - | N/A | N/A | - | N/A | N/A | - | N/A | N/A |
| AE08-E-2084E | 20 (200) | 26 | 2 | 32.8/27.8 | 45/35 | 2 | 29.1/24.1 | 40/35 | 1 | 28.5 | 40 | 1 | 20.8 | 30 |
| | 15 (150) | 19 | 1 | 46.6 | 60 | 1 | 41.1 | 60 | 1 | 22.4 | 30 | - | N/A | N/A |
| | 11.2 (112) | 15 | 1 | 36.1 | 45 | 1 | 31.9 | 40 | - | N/A | N/A | - | N/A | N/A |
| | 8 (080) | 10 | 1 | 27.2 | 35 | - | N/A | N/A | - | N/A | N/A | - | N/A | N/A |
| AE08-E-2096E AE08-E-2108E AE08-E-2120E | 28.8 (288) | 33 | 2 | 45.0/40.0 | 60/50 | 2 | 39.6/34.6 | 50/45 | 1 | 39.0 | 50 | 1 | 29.3 | 40 |
| | 21.6 (216) | 25 | 2 | 35.0/30.0 | 45/40 | 2 | 31.0/26.0 | 40/35 | 1 | 30.4 | 40 | - | N/A | N/A |
| | 16.2 (162) | 19 | 1 | 50.0 | 60 | 1 | 44.0 | 60 | - | N/A | N/A | - | N/A | N/A |
| | 11.2 (112) | 13 | 1 | 36.1 | 45 | - | N/A | N/A | - | N/A | N/A | - | N/A | N/A |



ARCHITECTURAL ELITE 8

Electric Air Curtain

Electrical Performance Sheet

| MODEL | kW (code) | Temp Rise °F | 120V/1/60 - 480V/3/60 (voltage code K) 120V MOTOR AMP DRAW = 4.4 each | | | | 208V/1/60 - 480V/3/60 (voltage code S) 208V MOTOR AMP DRAW = 2.5 each | | | | 240V/1/60 - 480V/3/60 (voltage code U) 240V MOTOR AMP DRAW = 2.5 each | | | | 380V/3/50 (voltage code O) 4 Wire System MOTOR AMP DRAW = 2.5 each | | | | | |
|--|---------------|-----------------|--|------------------|--------|-------------------------------|--|-----------|------------------|--------|--|--------|-----------|------------------|---|-------------------------------|--------|-----------|---------------------------------------|-------------------------------|
| | | | # CKTS | AMPS PER CIRCUIT | | BREAKER RATING PER CIRCUIT | | # CKTS | AMPS PER CIRCUIT | | BREAKER RATING PER CIRCUIT | | # CKTS | AMPS PER CIRCUIT | | BREAKER RATING PER CIRCUIT | | # CKTS | AMPS PER CIRCUIT (including motor) | BREAKER RATING PER CIRCUIT |
| | | | | 120V/1 | 480V/3 | 120V/1 | 480V/3 | | 208V/1 | 480V/3 | 208V/1 | 480V/3 | | 240V/1 | 480V/3 | 240V/1 | 480V/3 | | | |
| AE08-E-1036E AE08-E-1042E | 10 (100) | 30 | 2 | 4.4 | 12.0 | 15 | 15 | 2 | 2.5 | 12.0 | 15 | 15 | 2 | 2.5 | 12.0 | 15 | 15 | 1 | 17.7 | 25 |
| | 7.5 (075) | 23 | 2 | 4.4 | 9.0 | 15 | 15 | 2 | 2.5 | 9.0 | 15 | 15 | 2 | 2.5 | 9.0 | 15 | 15 | 1 | 13.9 | 20 |
| | 5.6 (056) | 17 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | 1 | 11.0 | 15 |
| | 4 (040) | 12 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A |
| AE08-E-1048E AE08-E-1060E | 14.4 (144) | 33 | 2 | 4.4 | 17.3 | 15 | 25 | 2 | 2.5 | 17.3 | 15 | 25 | 2 | 2.5 | 17.3 | 15 | 25 | 1 | 24.4 | 35 |
| | 10.8 (108) | 25 | 2 | 4.4 | 13.0 | 15 | 20 | 2 | 2.5 | 13.0 | 15 | 20 | 2 | 2.5 | 13.0 | 15 | 20 | 1 | 18.9 | 25 |
| | 8.1 (081) | 19 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | 1 | 14.8 | 20 |
| | 5.6 (056) | 13 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A |
| AE08-E-1072E | 20 (200) | 30 | 2 | 4.4 | 24.1 | 15 | 35 | 2 | 2.5 | 24.1 | 15 | 35 | 2 | 2.5 | 24.1 | 15 | 35 | 1 | 32.9 | 45 |
| | 15 (150) | 23 | 2 | 4.4 | 18.0 | 15 | 25 | 2 | 2.5 | 18.0 | 15 | 25 | 2 | 2.5 | 18.0 | 15 | 25 | 1 | 25.3 | 35 |
| | 11.2 (112) | 17 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | 1 | 19.5 | 25 |
| | 8 (080) | 12 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A |
| AE08-E-2084E | 20 (200) | 26 | 2 | 8.8 | 24.1 | 15 | 35 | 2 | 5.0 | 24.1 | 15 | 35 | 2 | 5.0 | 24.1 | 15 | 35 | 1 | 35.4 | 45 |
| | 15 (150) | 20 | 2 | 8.8 | 18.0 | 15 | 25 | 2 | 5.0 | 18.0 | 15 | 25 | 2 | 5.0 | 18.0 | 15 | 25 | 1 | 27.8 | 35 |
| | 11.2 (112) | 15 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | 1 | 22.0 | 30 |
| | 8 (080) | 10 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A |
| AE08-E-2096E AE08-E-2108E AE08-E-2120E | 28.8 (288) | 33 | 2 | 8.8 | 34.6 | 15 | 45 | 2 | 5.0 | 34.6 | 15 | 45 | 2 | 5.0 | 34.6 | 15 | 45 | 1 | 48.8 | 60 |
| | 21.6 (216) | 25 | 2 | 8.8 | 26.0 | 15 | 35 | 2 | 5.0 | 26.0 | 15 | 35 | 2 | 5.0 | 26.0 | 15 | 35 | 1 | 37.8 | 50 |
| | 16.2 (162) | 19 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | 1 | 29.6 | 40 |
| | 11.2 (112) | 13 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A |



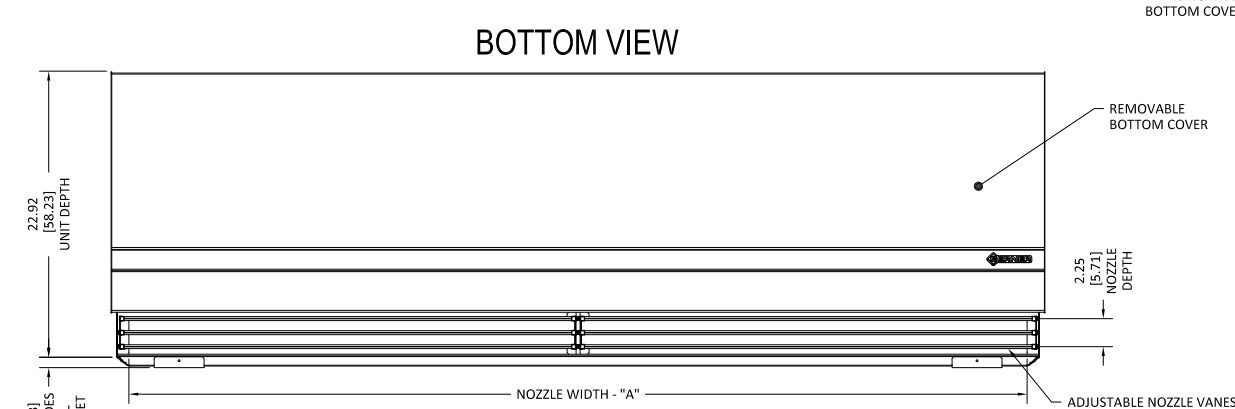
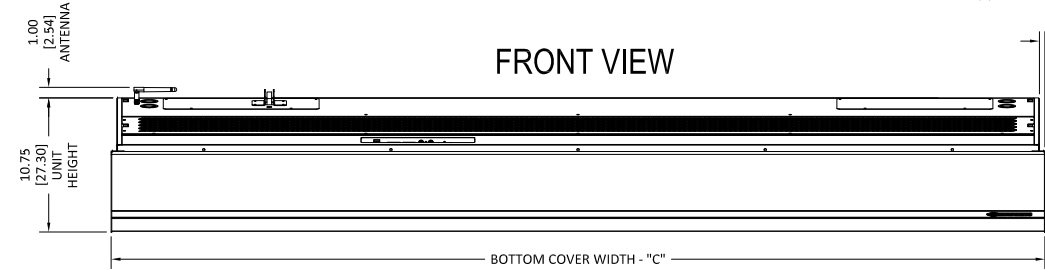
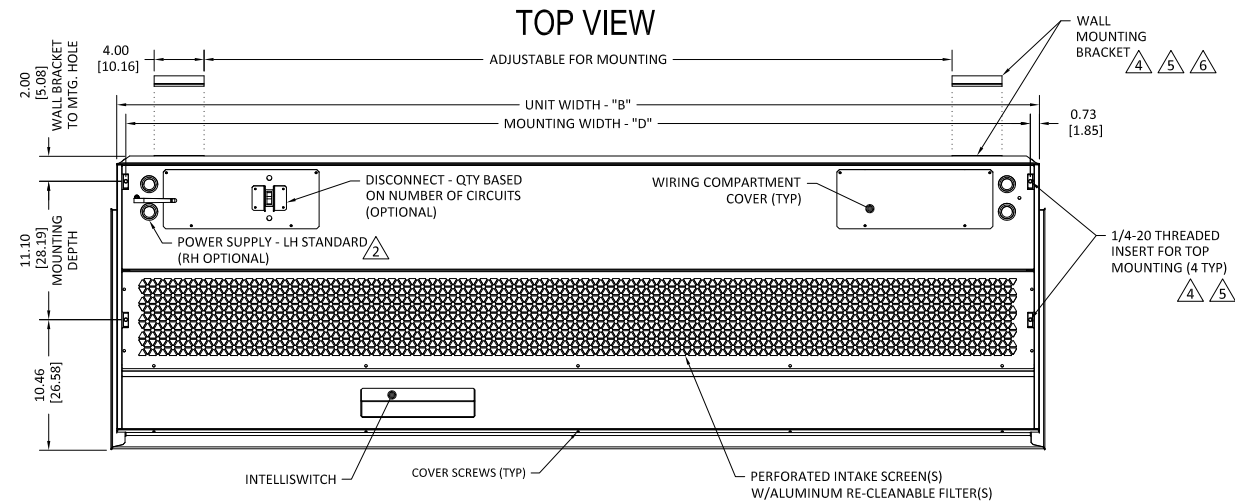
ARCHITECTURAL ELITE 8

Electric Air Curtain

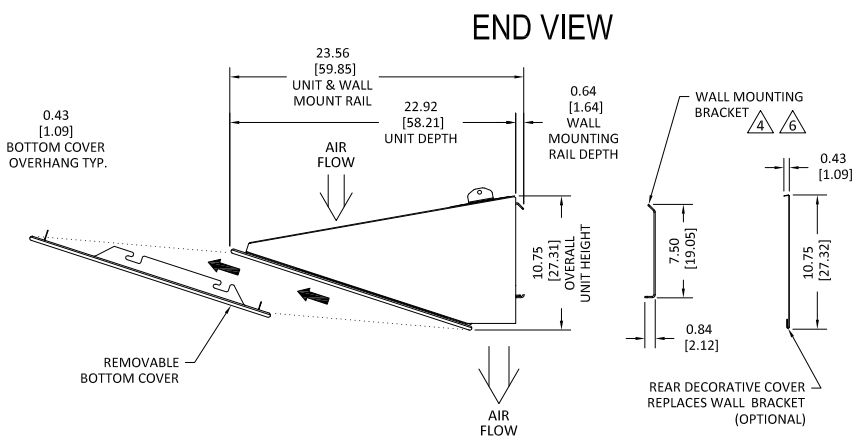
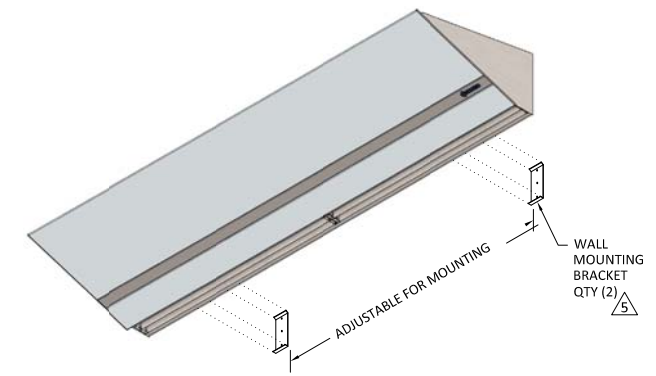
Electrical Performance Sheet

| MODEL | kW (code) | Temp Rise °F | 120V/1/60 - 600V/3/60 (voltage code L) 120V MOTOR AMP DRAW = 4.4 each | | | | 208V/1/60 - 600V/3/60 (voltage code M) 208V MOTOR AMP DRAW = 2.5 each | | | | 240V/1/60 - 600V/3/60 (voltage code N) 240V MOTOR AMP DRAW = 2.5 each | | | | | | |
|--|---------------|-----------------|--|------------------|--------|-------------------------------|--|-----------|------------------|--------|--|--------|-----------|------------------|--------|-------------------------------|--------|
| | | | # CKTS | AMPS PER CIRCUIT | | BREAKER RATING PER CIRCUIT | | # CKTS | AMPS PER CIRCUIT | | BREAKER RATING PER CIRCUIT | | # CKTS | AMPS PER CIRCUIT | | BREAKER RATING PER CIRCUIT | |
| | | | | 120V/1 | 600V/3 | 120V/1 | 600V/3 | | 208V/1 | 600V/3 | 208V/1 | 600V/3 | | 240V/1 | 600V/3 | 240V/1 | 600V/3 |
| AE08-E-1036E AE08-E-1042E | 10 (100) | 30 | 2 | 4.4 | 9.6 | 15 | 15 | 2 | 2.5 | 9.6 | 15 | 15 | 2 | 2.5 | 9.6 | 15 | 15 |
| | 7.5 (075) | 23 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 5.6 (056) | 17 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 4 (040) | 12 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| AE08-E-1048E AE08-E-1060E | 14.4 (144) | 33 | 2 | 4.4 | 13.9 | 15 | 20 | 2 | 2.5 | 13.9 | 15 | 20 | 2 | 2.5 | 13.9 | 15 | 20 |
| | 10.8 (108) | 25 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 8.1 (081) | 19 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 5.6 (056) | 13 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| AE08-E-1072E | 20 (200) | 30 | 2 | 4.4 | 19.2 | 15 | 25 | 2 | 2.5 | 19.2 | 15 | 25 | 2 | 2.5 | 19.2 | 15 | 25 |
| | 15 (150) | 23 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 11.2 (112) | 17 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 8 (080) | 12 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| AE08-E-2084E | 20 (200) | 26 | 2 | 8.8 | 19.2 | 15 | 25 | 2 | 5.0 | 19.2 | 15 | 25 | 2 | 5.0 | 19.2 | 15 | 25 |
| | 15 (150) | 20 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 11.2 (112) | 15 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 8 (080) | 10 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| AE08-E-2096E AE08-E-2108E AE08-E-2120E | 28.8 (288) | 33 | 2 | 8.8 | 27.7 | 15 | 35 | 2 | 5.0 | 27.7 | 15 | 35 | 2 | 5.0 | 27.7 | 15 | 35 |
| | 21.6 (216) | 25 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 16.2 (162) | 19 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |
| | 11.2 (112) | 13 | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A | - | N/A | N/A | N/A | N/A |

AE08-E ELECTRIC HEATED SYSTEM: 208V - 480V



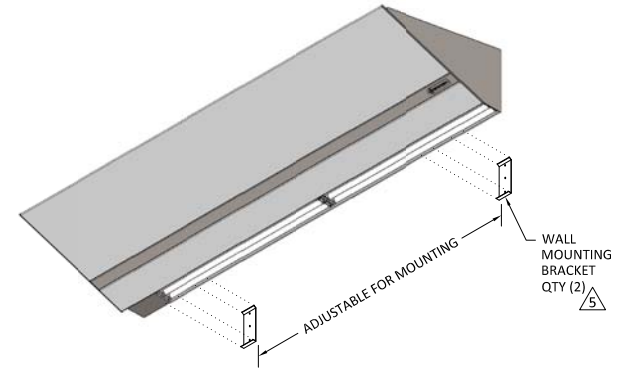
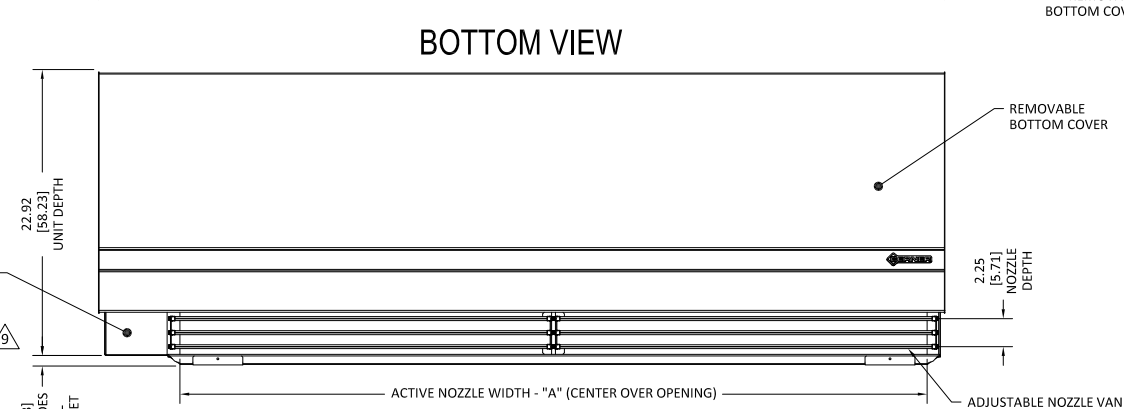
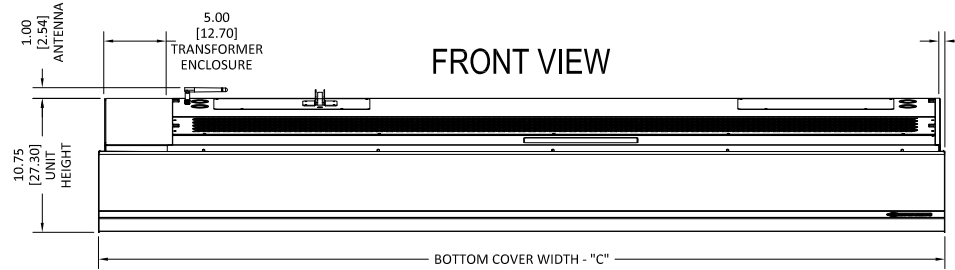
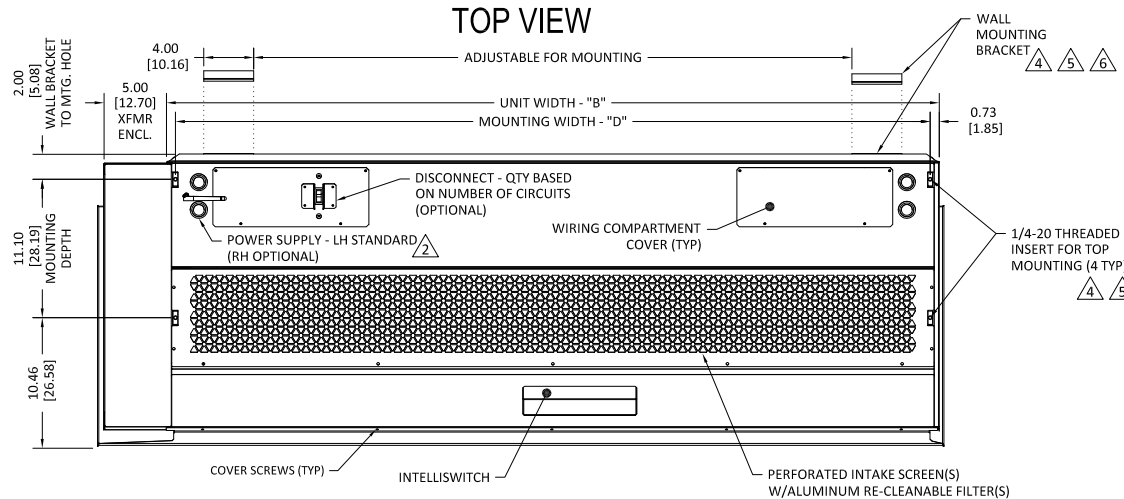
| MODEL ¹ | NOZZLE WIDTH "A" | UNIT WIDTH "B" | BOTTOM COVER WIDTH "C" | MOUNTING WIDTH "D" |
|--------------------|------------------|-----------------|------------------------|--------------------|
| AE08-E-1036E | 36.00 [91.44] | 38.00 [96.52] | 38.85 [98.68] | 36.50 [92.71] |
| AE08-E-1042E | 42.00 [106.68] | 44.00 [111.76] | 44.85 [113.92] | 42.50 [107.95] |
| AE08-E-1048E | 48.00 [121.92] | 50.00 [127.00] | 50.85 [129.16] | 48.50 [123.19] |
| AE08-E-1060E | 60.00 [152.40] | 62.00 [157.48] | 62.85 [159.64] | 60.50 [153.67] |
| AE08-E-1072E | 72.00 [182.88] | 74.00 [187.96] | 74.85 [190.12] | 72.50 [184.15] |
| AE08-E-2084E | 84.00 [213.36] | 86.00 [218.44] | 86.85 [220.60] | 84.50 [214.63] |
| AE08-E-2096E | 96.00 [243.84] | 98.00 [248.92] | 98.85 [251.08] | 96.50 [245.11] |
| AE08-E-2108E | 108.00 [274.32] | 110.00 [279.40] | 110.85 [281.56] | 108.50 [275.59] |
| AE08-E-2120E | 117.00 [297.18] | 119.00 [302.26] | 119.85 [304.42] | 117.50 [298.45] |



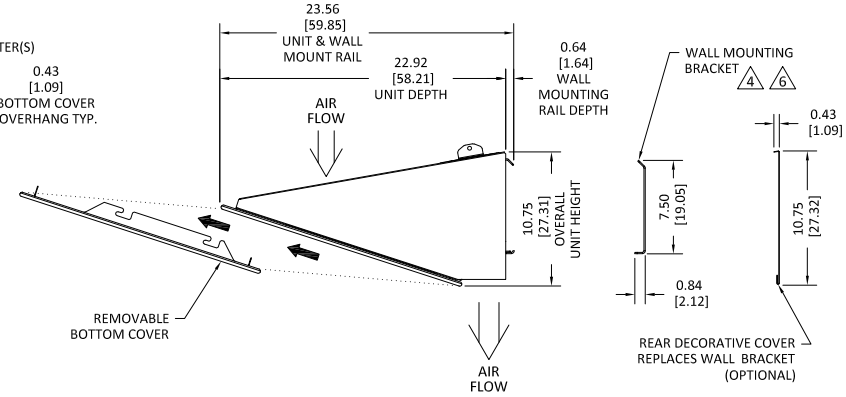
- NOTES:**
- ¹ AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF ϕ .
 - ² ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
 - ³ FIELD VERIFY DIMENSIONS.
 - ⁴ ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
 - ⁵ ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
 - ⁶ UNIT MOUNTING HARDWARE INCLUDED, WALL MOUNTING BRACKET HARDWARE BY OTHERS.
 - ⁷ THE LAST CHARACTER IN THE MODEL NUMBER - "E" DESIGNATES ELECTRIC HEATED UNIT.
 - ⁸ DIMENSIONS IN INCHES [CENTIMETERS].

| | | | |
|-----------|------------|--------|---|
| PROJECT | | TITLE: | BERNER |
| LOCATION | | | MODEL AE08-E AIR CURTAIN 208 - 480V |
| ARCHITECT | | | ELECTRIC HEATED SYSTEM |
| ENGINEER | | | BERNER INTERNATIONAL CORP. NEW CASTLE, PA. |
| DWG. NO. | AE08-E-ELE | | |
| DATE | 30JUL2020 | | |
| BY | S. Beil | | |
| REPLACES | 31JAN2020 | | |
| BY | S. Beil | | |

AE08-E ELECTRIC HEATED SYSTEM: 600V



END VIEW



NOTES:

- 1 AIR FLOW MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF ϕ .
- 2 ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
- 3 FIELD VERIFY DIMENSIONS.
- 4 ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
- 5 ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
- 6 UNIT MOUNTING HARDWARE INCLUDED, WALL MOUNTING BRACKET HARDWARE BY OTHERS.
- 7 THE LAST CHARACTER IN THE MODEL NUMBER - "E" DESIGNATES ELECTRIC HEATED UNIT.
- 8 DIMENSIONS IN INCHES [CENTIMETERS].
- 9 NO AIR FLOW, AREA HOUSES TRANSFORMER, CENTER ACTIVE NOZZLE WIDTH DIMENSION "A" OVER THE OPENING

| MODEL | NOZZLE WIDTH "A" | UNIT WIDTH "B" | BOTTOM COVER WIDTH "C" | MOUNTING WIDTH "D" |
|--------------|------------------|-----------------|------------------------|--------------------|
| AE08-E-1036E | 36.00 [91.44] | 38.00 [96.52] | 43.85 [111.38] | 36.50 [92.71] |
| AE08-E-1042E | 42.00 [106.68] | 44.00 [111.76] | 49.85 [126.62] | 42.50 [107.95] |
| AE08-E-1048E | 48.00 [121.92] | 50.00 [127.00] | 55.85 [141.86] | 48.50 [123.19] |
| AE08-E-1060E | 60.00 [152.40] | 62.00 [157.48] | 67.85 [172.34] | 60.50 [153.67] |
| AE08-E-1072E | 72.00 [182.88] | 74.00 [187.96] | 79.85 [202.82] | 72.50 [184.15] |
| AE08-E-2084E | 84.00 [213.36] | 86.00 [218.44] | 91.85 [233.30] | 84.50 [214.63] |
| AE08-E-2096E | 96.00 [243.84] | 98.00 [248.92] | 103.85 [263.78] | 96.50 [245.11] |
| AE08-E-2108E | 108.00 [274.32] | 110.00 [279.40] | 115.85 [294.26] | 108.50 [275.59] |
| AE08-E-2120E | 117.00 [297.18] | 119.00 [302.26] | 124.85 [317.12] | 117.50 [298.45] |

| | | | |
|-----------|---------------|--------|--|
| PROJECT | | TITLE: | BERNER MODEL AE08-E AIR CURTAIN 600V ELECTRIC HEATED SYSTEM |
| LOCATION | | | |
| ARCHITECT | | | |
| ENGINEER | | | |
| DWG. NO. | AE08-E-ELE-TR | | |
| DATE | 30JUL2020 | | |
| BY | S. Beil | | |
| REPLACES | - | | |
| BY | - | | |

BERNER INTERNATIONAL CORP.
NEW CASTLE, PA.