



ARCHITECTURAL HIGH PERFORMANCE 10

Ambient (Unheated) Air Curtain

Data Sheet

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

STANDARD CONSTRUCTION

- 12 ¼" high x 21 ¼" deep
- 1/2 hp motor(s) - ten speeds
- Factory installed Intelliswitch digital controller
- Clear satin anodized aluminum exterior (Optional: Custom Color, Bronze Anodized or Stainless)
- Wall & Top Mounting
- High efficiency, low noise Pro-V Nozzle
- Optional: Filter (washable)
- Optional: Wi-Fi Controller, works with the Berner App



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)
AHD10-1036A	36.75	5,483	2,121	1,346	91%	0.52	1 @ ½	65
AHD10-1042A	42.75	5,621	1,830	1,390	86%	0.52	1 @ ½	68
AHD10-1048A	48.75	5,838	1,663	1,417	71%	0.52	1 @ ½	70
AHD10-2060A	60.75	7,300	2,408	2,540	59%	0.90	2 @ ½	125
AHD10-2072A	74.50	5,483	2,121	2,692	91%	1.04	2 @ ½	130
AHD10-2084A	86.50	5,621	1,830	2,780	86%	1.04	2 @ ½	140
AHD10-2096A	98.50	5,838	1,663	2,834	71%	1.04	2 @ ½	145
AHD10-3096A	98.50	5,483	2,121	3,886	59%	1.42	3 @ ½	165
AHD10-3108A	112.25	5,483	2,121	4,038	91%	1.56	3 @ ½	170
AHD10-3120A	118.25	5,483	1,957	4,082	86%	1.56	3 @ ½	175

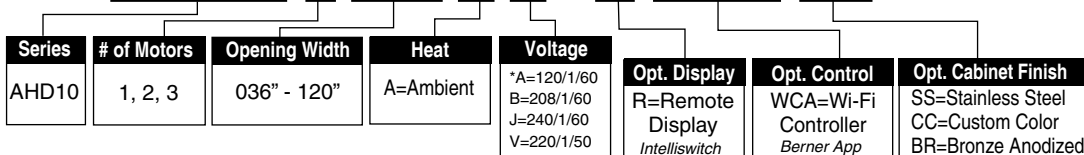
NOTES:

1. Operation at 50 Hz will generate approximately a 17% reduction in air performance.
2. Outdoor installation – consult factory.

See sheet EP-210 for amp draws/total load requirements.

MODEL NUMBER CONFIGURATION

AHD10-1 036 A A- R-WCA-SS



*Suitable for 50hz for Standard offering, leave options (Opt.) blank

VELOCITY PROJECTION: Model AHD10-1036A			
Distance from Nozzle (in)	36	48	60
Core Velocity (fpm)	1600	1367	1233
Uniformity (%)	80	78	77

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: 59/62 dBA

Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.

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DS-210A
May, 2017