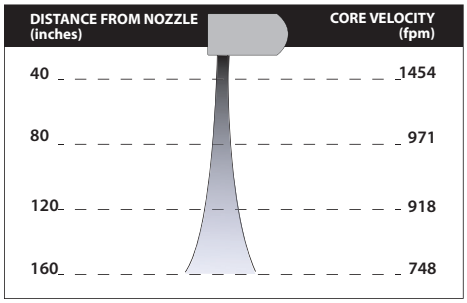
SANITATION CERTIFIED 10
Unheated Indoor/Outdoor Air Curtain
Data Sheet

Insect Protection to 10',
Certified to NSF 37 to 8'



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

Made in USA *outdoor use*

Air Curtain Fans for ANSI/NSF37 Customer Entry maximum mounting height is 7'

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)
SC10-F-1036A	36.00	3,440	2,071	1,424	80%	0.51	1 @ ½	50
SC10-F-1042A	42.00	3,711	1,849	1,483	82%	0.52	1 @ ½	52
SC10-F-1048A	48.00	3,975	1,973	1,809	92%	0.63	1 @ ½	54
SC10-F-1060A	59.00	3,803	1,619	1,824	82%	0.61	1 @ ½	60
SC10-F-2072A	72.00	3,440	2,071	2,848	80%	1.02	2 @ ½	95
SC10-F-2078A	78.00	3,711	1,952	2,907	80%	1.03	2 @ ½	100
SC10-F-2084A	84.00	3,711	1,849	2,966	82%	1.04	2 @ ½	104
SC10-F-2096A	96.00	3,975	1,973	3,618	92%	1.26	2 @ ½	106
SC10-F-2108A	108.00	3,975	1,761	3,633	82%	1.24	2 @ ½	107
SC10-F-2120A	118.00	3,803	1,619	3,648	82%	1.22	2 @ ½	110
SC10-F-3132A	132.00	3,975	2,000	5,042	80%	1.77	3 @ ½	150
SC10-F-3144A	144.00	3,975	1,973	5,427	92%	1.89	3 @ ½	154

MODEL NUMBER CONFIGURATION

SC10-F-1 036 A A-AC-SS

Series	Version	# of Motors	Opening Width	Heat	Voltage	Motor Type	Cabinet Finish
SC10	F	1, 2,3	036" - 144"	A=Ambient	A = 120/1/60* B = 208/1/60 J = 240/1/60 V = 230/1/50 Z = 480/3/60 ** Q = 600/3/60 **	AC (Std.)	White *(leave blank)* BK=Black **Opt. Cabinet Finish** SS=Stainless Steel CC=Custom Color

**Suitable for 50 Hz*
***Consult Factory*

for Standard offering, leave options (Opt.) blank
make sure to specify Cabinet Finish if other than white

VELOCITY PROJECTION: Model SC10-F-1036A				
Distance from Nozzle (in)	40	80	120	160
Core Velocity (fpm)	1454	971	918	748
Uniformity (%)	88%	91%	92%	95%

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."

STANDARD CONSTRUCTION
- EPH Listed per NSF 37
- 13 ¾" high x 14 ½" deep
- 3/4 hp single speed motor(s)
- White or black powder coated exterior
- Wall & Top Mounting
- High efficiency, low noise, articulating, three vane, Pro-V Nozzle

OPTIONS
- Custom Color or Stainless Steel
- Filter (washable)

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.

Berner reserves the right to alter specifications without prior notice.

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