



SANITATION CERTIFIED HIGH PERFORMANCE 7

Ambient (Unheated) Air Curtain

Data Sheet

For Mounting Heights To 7' (insect control)

STANDARD CONSTRUCTION

- EPH Listed per NSF 37
- 14" high x 15" deep
- 3/4 hp single speed motor(s)
- White or black aluminum exterior cover (Optional: Custom Color or Stainless)
- Wall & Top Mounting



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.



5 Year
Limited
Warranty



UL
US
for 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)
SHD07-1036A	36.00	5,917	2,110	1,846	73%	0.77	1 @ 3/4	50
SHD07-1042A	42.00	4,418	1,716	1,752	79%	0.75	1 @ 3/4	52
SHD07-1048A	48.00	3,815	1,613	1,882	38%	0.73	1 @ 3/4	53
SHD07-2060A	60.00	3,963	1,869	2,726	74%	1.18	2 @ 3/4	70
SHD07-2072A	72.00	5,917	2,110	3,692	73%	1.54	2 @ 3/4	100
SHD07-2084A	87.00	4,418	1,657	3,504	79%	1.50	2 @ 3/4	104
SHD07-2096A	99.00	3,815	1,564	3,764	38%	1.46	2 @ 3/4	106
SHD07-3108A	114.00	5,917	1,999	5,538	73%	2.31	3 @ 3/4	150
SHD07-3120A	116.50	4,418	1,923	5,444	73%	2.29	3 @ 3/4	152

NOTE: Operation at 50 Hz will generate approximately a 17% reduction in air performance.

See sheet EP-310 for amp draws/total load requirements.

MODEL NUMBER CONFIGURATION

SHD07-1 036 A A-B-SS

Series	# of Motors	Opening Width	Heat	Voltage	Opt. Switch	Cabinet Finish
SHD07	1, 2, 3	036" - 120"	A=Ambient	*A=120/1/60 B=208/1/60 J=240/1/60 V=220/1/50 Z=480/3/60 Q=600/3/60	Built-In Switch	White (leave blank) BK=Black
						Opt. Cabinet Finish SS=Stainless Steel CC=Custom Color

*Suitable for 50hz

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

VELOCITY PROJECTION: Model SHD07-1036A			
Distance from Nozzle (in)	40	60	80
Core Velocity (fpm)	3820	2750	2190
Uniformity (%)	82	76	93

Sound level measured 10' (3m) from the unit in free field:
1 & 2 motor(s): 66 dBA & 69 dBA

Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.

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