



INDUSTRIAL BELT DRIVE 30

Ambient (Unheated) Air Curtain

Data Sheet

For Door Heights To 30' (environmental separation) and 28' (insect control)

STANDARD CONSTRUCTION

- Single speed T.E.F.C. motor - belt drive
- Gray powder coated exterior (Optional: Custom Color or Stainless)
- Split cabinet construction for fan assembly removal
- Removable access panels
- Top Mounting only
- Front air intake (Optional: top)
- High efficiency Pro-V Nozzle
- Motor location top right (Optional: top left, front left or front right)



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.

Models IBC30-1132A, IBC30-1156A and IBC30-1180A are not licensed to bear the AMCA seal.

**5 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 @ HP	Net Wt. (lbs)
IBC30-1096A	96.00	7,590	3,800	20,240	79%	15.90	1 @ 15	960
IBC30-1108A	108.00	6,429	3,215	19,287	86%	14.60	1 @ 15	1,000
IBC30-1120A	116.00	7,395	3,800	24,650	89%	20.80	1 @ 20	1,050
<i>IBC30-1132A</i>	<i>132.00</i>	<i>6,868</i>	<i>3,434</i>	<i>25,183</i>	<i>87%</i>	<i>20.40</i>	<i>1 @ 20</i>	<i>1,150</i>
IBC30-1144A	144.00	6,429	3,215	25,716	86%	19.50	1 @ 20	1,250
<i>IBC30-1156A</i>	<i>156.00</i>	<i>5,996</i>	<i>2,998</i>	<i>25,983</i>	<i>85%</i>	<i>20.80</i>	<i>1 @ 20</i>	<i>1,350</i>
IBC30-1168A	168.00	7,330	3,665	34,206	86%	26.40	1 @ 25	1,450
<i>IBC30-1180A</i>	<i>180.00</i>	<i>6,948</i>	<i>3,474</i>	<i>34,739</i>	<i>85%</i>	<i>26.60</i>	<i>1 @ 25</i>	<i>1,550</i>
IBC30-1192A	192.00	7,590	3,800	40,480	79%	31.80	1 @ 30	1,650

NOTES:

1. Operation at 50 Hz will generate approximately a 17% reduction in air performance.
2. Vertically mounted Industrial Belt Drive air curtains not available.

See sheet EP-460 for amp draws/total load requirements.

VELOCITY PROFILE: Model IBC30-1096A			
Distance from Nozzle (ft)	3	15	27
Core Velocity (fpm)	5072	2513	1918

MODEL NUMBER CONFIGURATION

IBC30-1 096 A D-F-T-SS

Series	# of Motors	Opening Width	Heat	Voltage	Intake	Motor Location	Opt. Cabinet Finish
IBC30	1	096" - 192"	A=Ambient	D=208/3/60 E=240/3/60 H=480/3/60 I=600/3/60 T=380/3/50	T=Top F=Front	T=Top F=Front	SS=Stainless Steel CC=Custom Color

Sound level measured 10' (3m) from the unit in free field:
15, 20, 25 & 30 hp motor(s):
85 dBA, 86 dBA, 87 dBA & 88 dBA
Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.