



INDUSTRIAL DIRECT DRIVE 20

Ambient (Unheated) Air Curtain

Data Sheet

For Mounting Heights To 20' (environmental separation) and 18' (insect control)

STANDARD CONSTRUCTION

- Single speed T.E.A.O. motor(s) - direct drive
- Gray powder coated exterior (Optional: Custom Color or Stainless)
- Split cabinet construction for fan assembly removal
- Top Mounting only
- Front air intake (Optional: top)
- High efficiency Pro-V Nozzle



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.

Models IDC20-1084A, IDC20-1108A, IDC20-1132A, IDC20-1156A and IDC20-1180A 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(s) @ hp	Net Wt. (lbs)
IDC20-1060A	60.00	6,580	3,655	6,854	89%	4.70	1 @ 5	390
IDC20-1072A	72.00	6,549	3,852	8,186	89%	4.90	1 @ 5	435
IDC20-1084A	84.00	6,076	3,574	8,861	87%	4.90	1 @ 5	480
IDC20-1096A	96.00	6,900	4,059	11,500	92%	6.80	1 @ 7½	600
IDC20-1108A	108.00	6,747	3,969	12,650	90%	6.90	1 @ 7½	680
IDC20-1120A	117.00	7,494	4,523	15,612	88%	8.70	1 @ 10	750
IDC20-1132A	132.00	7,017	4,127	16,080	87%	8.90	1 @ 10	795
IDC20-1144A	144.00	7,640	4,381	19,100	87%	11.70	1 @ 15	835
IDC20-1156A	156.00	7,405	4,356	20,055	86%	11.90	1 @ 15	940
IDC20-1168A	168.00	7,783	4,323	22,700	90%	12.80	1 @ 15	1,025
IDC20-1180A	180.00	7,300	4,294	22,814	91%	12.90	1 @ 15	1,070
IDC20-2192A	192.00	6,900	4,059	23,000	92%	13.60	2 @ 7½	1,190

NOTES:

1. Operation at 50 Hz will generate approximately a 17% reduction in air performance.
2. Consult factory for vertically mounted units.

See sheet EP-440 for amp draws/total load requirements.

MODEL NUMBER CONFIGURATION

IDC20-1 060 A D-F-SS

Series	# of Motors	Opening Width	Heat	Voltage	Intake	Opt. Cabinet Finish
IDC20	1, 2	060" - 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	SS=Stainless Steel CC=Custom Color

VELOCITY PROFILE: Model IDC20-1060A					
Distance from Nozzle (in)	40	80	120	160	200
Core Velocity (fpm)	6480	4600	3507	3213	2947
Uniformity (%)	88	89	90	91	92

Sound level measured 10' (3m) from the unit in free field:
5, 7½, 10, 15 & (7½ + 7½) hp motor(s):
73 dBA, 75 dBA, 76 dBA, 78 dBA & 78 dBA
Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.

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DS-440
July, 2017