

Vestibule Exception

MODEL ETA

For openings up to 14 feet high

PAAC-102

Unheated

The ETA unheated air curtain has been tested in accordance with ANSI/AMCA 220 and meets the criteria for use as an exception to the vestibule requirement in Climate Zones 3 and above. The ETA is used to stop cold or warm air from entering a climate controlled environment and is designed for all retail, grocery and office entryways as well as other applications that typically would require a vestibule. This commercial line's stainless steel construction, stainless steel intake screen, and 45 degree beveled edges give it a modern, pleasing look.

Key Design Features

- Stainless steel case is 18 gauge 304 stainless steel in a number three finish.
- Heavy duty 3/4 HP motors. 1630 rpm each.
- High efficiency discharge plenum ensures that air being discharged fills the entire width and height of the opening. This also lowers the operational sound level.



Sound level: 63 dBA (Measured 10 ft. from unit in a free field based on a 1 motor unit)

	ETA 1-36	ETA 1-42	ETA 1-48	ETA 1-60	ETA 2-72	ETA 2-84	ETA 2-96	ETA 3-108	ETA 3-120	ETA 3-132	ETA 4-144	ETA 4-156	ETA 4-168
Nozzle width (in.)	36	42	48	60	72	84	96	108	118	133	145	156	168
Average Outlet Velocity (FPM)	2060	2022	1849	1619	2060	2022	1849	2060	2033	1860	2060	2040	2022
Airflow Rate (CFM)	1401	1678	1757	2007	2802	3356	3514	4203	4757	4809	5604	6158	6712
Outlet Velocity Uniformity	88%	88%	84%	72%	88%	88%	84%	88%	88%	72%	88%	88%	88%
Power Rating (kW)	0.76	0.84	0.86	0.94	1.52	1.68	1.72	2.28	2.44	2.46	3.04	3.20	3.36
Number of motors	1	1	1	1	2	2	2	3	3	3	4	4	4
Motor HP	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Weight	90	97	104	117	169	187	203	245	274	290	338	356	374

Single Phase Motor

Voltage Available: 120 208/230 480 575

Amp Draw Per Motor: 8.0 3.6 2.0 1.5

* For three phase motors consult factory.

**For dual speed motors consult factory.

Velocity Projection Model:

Distance From Nozzle:	40"	80"	120"	160"	200"
ETA-1-36 Core Velocity (fpm):	1756	1175	944	797	639
ETA-1-42 Core Velocity (fpm):	1630	1003	890	708	610
ETA-1-48 Core Velocity (fpm):	1550	1046	808	677	523
ETA-1-60 Core Velocity (fpm):	1342	898	685	593	517

Powered Aire Inc. certifies that the Model ETA Unheated Air Curtain shown herein is 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.



The AMCA Certified Ratings Seal applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only.

Rated data shown are only for base (unheated) units, as shown.



MADE IN THE USA

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