

▶ ETA | PERFORMANCE

ETA | Performance Table

MODEL	Nozzle Width (in.)	Max FPM at Nozzle	Average Outlet Velocity (FPM)	Airflow Rate (CFM)	Outlet Velocity Uniformity	Power Rating (kW)	Number of Motors	Motor HP	Weight (lbs)
ETA-1-36	36	5654	2060	1401	88%	0.76	1	3/4	90
ETA-1-42	42	5321	2022	1678	88%	0.84	1	3/4	97
ETA-1-48	48	5296	1849	1757	84%	0.86	1	3/4	104
ETA-1-60	60	5288	1619	2007	72%	0.94	1	3/4	117
ETA-2-72	72	5654	2060	2802	88%	1.52	2	3/4	169
ETA-2-84	84	5321	2022	3356	88%	1.68	2	3/4	187
ETA-2-96	96	5296	1849	3514	84%	1.72	2	3/4	203
ETA-3-108	108	5654	2060	4203	88%	2.28	3	3/4	245
ETA-3-120	118	5340	2033	4757	88%	2.44	3	3/4	274
ETA-3-132	133	5305	1860	4809	72%	2.46	3	3/4	290
ETA-4-144	145	5654	2060	5604	88%	3.04	4	3/4	338
ETA-4-156	157	5648	2040	6158	88%	3.20	4	3/4	356
ETA-4-168	169	5321	2022	6712	88%	3.36	4	3/4	374

! For a unit over 14 feet long, consult factory.

ETA | 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

ETA | Sound Levels

Measured 10 ft. from unit in a free field based on a 1 motor unit 63 dBA

ETA | Single Phase Motor Options

Voltages available	120	208/230	480	575	For dual speed motors, consult factory. For three phase motors, consult factory
Amp draw per motor	8.0	3.6	2.0	1.5	

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

Powered Aire Inc. certifies that the Model ETA Air Curtain shown herein is licensed to bear the AMCA Seal for Air Performance. 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.

May 2020
PAAC-202

