

▶ MP-E | PERFORMANCE

MP-E | Performance Table

MODEL	Nozzle Width (in.)	Max. FPM at Nozzle	Avg. Outlet Velocity FPM	Airflow Rate (CFM)	Outlet Velocity Uniformity	Power Rating (kW)	Number of Motors	Motor HP	Heater kW	Temp. Rise (° F)	Weight (lbs)
MP-1-30E	29	3050	1243	746	66%	0.20	1	1/5	8	34	47
MP-1-36E	35	3262	1316	961	87%	0.27	1	1/5	8	27	59
MP-1-42E	41	3269	1294	1100	75%	0.29	1	1/5	8	23	69
MP-1-48E	48	3256	1386	1344	85%	0.33	1	1/5	16	38	77
MP-1-60E	59	3218	1406	1715	83%	0.54	1	1/5	16	30	91
MP-2-72E	71	3262	1316	1922	87%	0.54	2	1/5	16	27	102
MP-2-84E	83	3269	1294	2200	75%	0.58	2	1/5	24	35	115
MP-2-96E	95	3256	1386	2688	85%	0.66	2	1/5	32	38	123
MP-2-108E	107	3242	1397	3059	83%	0.87	2	1/5	32	33	139
MP-2-120E	117	3218	1406	3430	83%	1.08	2	1/5	32	30	152

! For Hot Water or Steam heat, consult factory.

MP-E | Velocity Projection

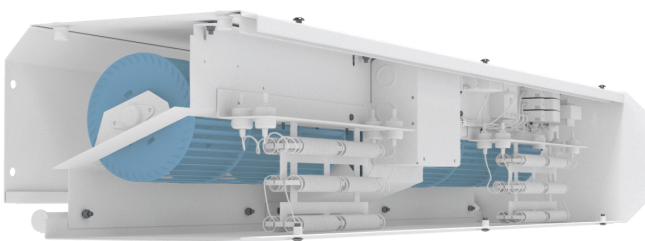
Distance From Nozzle	40"	80"	120"	160"
MP-1-36E Core Velocity (fpm)	990	738	659	542

MP-E | Sound Levels

Measured 10 ft. from unit in a free field based on a 1 motor unit 53 dBA

MP-E | Single Phase Motor Options

Voltages available	120	208/230	480	575
Amp draw per motor	4.4	2.0	1.1	0.9



Performance Highlight

This unit can fit a larger diameter tangential blower wheel than competitors' models to increase performance without increasing size. The motor/ blower plate comes out of the unit as an entire piece and the electrical connections can be made on the top or sides of the unit for more versatility.

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 based on tests of units with heating elements present but not in use.

Powered Aire Inc. certifies that the Model MP-E 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.

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