

► TSD-E | PERFORMANCE

TSD-E | Performance Table

Model	Nozzle Width (in.)	Max. FPM at Nozzle	Avg. Outlet Velocity FPM	Max. CFM	CFM at Nozzle	Outlet Velocity Uniformity	Number of Motors	Motor HP	Electric Heat		Weight (lbs.)
									Heater KW	Temp Rise (°F)	
TSD-1-48E	48	6200	3881		5174	95.10%	1	3	40	25	
TSD-1-60E	60	5800	3006		4855	92.00%	1	3	40	26	
TSD-1-72E	72	5900	2891		5579	86.30%	1	3	40	23	
TSD-2-96E	96	6200	3881		10348	95.10%	2	3	80	25	
TSD-2-108E	108	6200	3402		10029	92.00%	2	3	80	25	
TSD-2-120E	120	5800	3006		9710	92.00%	2	3	80	26	
TSD-2-132E	132	5900	2943		10434	86.30%	2	3	80	24	
TSD-2-144E	144	5900	2891		11158	86.30%	2	3	80	23	
TSD-3-144E	144	6200	3881		15522	95.10%	3	3	120	25	
TSD-3-156E	156	6200	3551		15203	92.00%	3	3	120	25	
TSD-3-168E	168	6200	3465		15927	86.30%	3	3	120	24	
TSD-3-180E	180	6200	3200		15608	86.30%	3	3	120	24	
TSD-3-192E	192	6200	3145		16332	86.30%	3	3	120	23	
TSD-4-192E	192	6200	3881		20696	95.10%	4	3	160	24	
TSD-3-204E	204	5900	2925		16013	86.30%	3	3	120	24	
TSD-4-204E	204	6200	3630		20377	92.00%	4	3	160	25	
TSD-3-216E	216	5900	2891		16737	86.30%	3	3	120	23	
TSD-4-216E	216	6200	3559		21101	86.30%	4	3	160	24	
TSD-4-228E	228	6200	3346		20782	86.30%	4	3	160	24	
TSD-4-240E	240	6200	3295		21560	86.30%	4	3	160	24	
TSD-5-240E	240	6200	3881		25870	95.10%	5	3	200	25	

TSD-E | Velocity Projection Model (Model TSD-1-48)

Distance From Nozzle	40 in.	80 in.	120 in.	160 in.	200 in.
Core Velocity (fpm)	3020	2060	1710	1420	1225

TSD-E | Sound Levels

High Speed	69 dBA	Measured 10 ft. from unit in a free field based on a 1 motor unit			
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TSD-E | Three-Phase Motor Options

Voltages available	208	240	480	575
Amp draw per motor	13.1	12.2	6.1	5.0

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 TSD 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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