

► TSD | PERFORMANCE

TSD | Performance Table

MODEL	Door Width (ft)	Nozzle Width (in)	Max. FPM at Nozzle	Avg. Outlet Velocity FPM	CFM at Nozzle	Outlet Velocity Uniformity	Power Rating (kW)	Number of Motors	Motor HP	Weight (lbs)
TSD-1-48	4	48	6200	3881	5174	95.1%	3.0	1	3	342
TSD-1-60	5	60	5800	3006	4855	92%	2.1	1	3	380
TSD-1-72	6	72	5900	2891	5579	86.3%	2.5	1	3	400
TSD-2-96	8	96	6200	3881	10348	95.1%	6.0	2	3	681
TSD-2-108	9	108	6200	3402	10029	92%	5.1	2	3	719
TSD-2-120	10	120	5800	3006	9710	92%	4.2	2	3	757
TSD-2-132	11	132	5900	2943	10434	86.3%	4.6	2	3	777
TSD-2-144	12	144	5900	2891	11158	86.3%	5.0	2	3	797
TSD-3-144	12	144	6200	3881	15522	95.1%	9.0	3	3	1020
TSD-3-156	13	156	6200	3551	15203	92%	8.1	3	3	1058
TSD-3-168	14	168	6200	3465	15927	86.3%	8.5	3	3	1078
TSD-3-180	15	180	6200	3200	15608	86.3%	7.6	3	3	1116
TSD-3-192	16	192	6200	3145	16332	86.3%	8.0	3	3	1136
TSD-4-192	16	192	6200	3881	20696	95.1%	12.0	4	3	1359
TSD-3-204	17	204	5900	2925	16013	86.3%	7.1	3	3	1174
TSD-4-204	17	204	6200	3630	20377	92%	11.1	4	3	1397
TSD-3-216	18	216	5900	2891	16737	86.3%	7.5	3	3	1194
TSD-4-216	18	216	6200	3559	21101	86.3%	11.5	4	3	1417
TSD-4-228	19	228	6200	3346	20782	86.3%	10.6	4	3	1455
TSD-4-240	20	240	6200	3295	21560	86.3%	11.0	4	3	1475
TSD-5-240	20	240	6200	3881	25870	95.1%	15.0	5	3	1698
TSD-4-252	21	252	6200	3112	21187	86.3%	10.1	4	3	1513

TSD | 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 | 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 | 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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