

► TSD | PERFORMANCE

TSD | Performance Table

| Model | Nozzle Width (in.) | Max. FPM at Nozzle | Avg. Outlet Velocity FPM | CFM at Nozzle | Outlet Velocity Uniformity | Number of Motors | Motor HP | Weight (lbs.) |
|-----------|--------------------|--------------------|--------------------------|---------------|----------------------------|------------------|----------|---------------|
| TSD-1-48 | 48 | 6200 | 3209 | 4268 | 95.10% | 1 | 3 | 342 |
| TSD-1-60 | 60 | 5800 | 3006 | 4855 | 92.00% | 1 | 3 | 380 |
| TSD-1-72 | 72 | 5900 | 2891 | 5579 | 86.30% | 1 | 3 | 400 |
| TSD-2-96 | 96 | 6200 | 3209 | 8536 | 95.10% | 2 | 3 | 681 |
| TSD-2-108 | 108 | 6200 | 3108 | 9123 | 92.00% | 2 | 3 | 719 |
| TSD-2-120 | 120 | 5800 | 3006 | 9710 | 92.00% | 2 | 3 | 757 |
| TSD-2-132 | 132 | 5900 | 2943 | 10434 | 86.30% | 2 | 3 | 777 |
| TSD-2-144 | 144 | 5900 | 2891 | 11158 | 86.30% | 2 | 3 | 797 |
| TSD-3-144 | 144 | 6200 | 3209 | 12804 | 95.10% | 3 | 3 | 1020 |
| TSD-3-156 | 156 | 6200 | 3141 | 13391 | 92.00% | 3 | 3 | 1058 |
| TSD-3-168 | 168 | 6200 | 3074 | 13978 | 86.30% | 3 | 3 | 1078 |
| TSD-3-180 | 180 | 6200 | 3200 | 15608 | 86.30% | 3 | 3 | 1116 |
| TSD-3-192 | 192 | 6200 | 3145 | 16332 | 86.30% | 3 | 3 | 1136 |
| TSD-4-192 | 192 | 6200 | 3209 | 17072 | 95.10% | 4 | 3 | 1359 |
| TSD-3-204 | 204 | 5900 | 2925 | 16013 | 86.30% | 3 | 3 | 1174 |
| TSD-4-204 | 204 | 6200 | 3158 | 17072 | 92.00% | 4 | 3 | 1397 |
| TSD-3-216 | 216 | 5900 | 2891 | 16737 | 86.30% | 3 | 3 | 1194 |
| TSD-4-216 | 216 | 6200 | 3108 | 18246 | 86.30% | 4 | 3 | 1417 |
| TSD-4-228 | 228 | 6200 | 3057 | 18833 | 86.30% | 4 | 3 | 1455 |
| TSD-4-240 | 240 | 6200 | 3295 | 21560 | 86.30% | 4 | 3 | 1475 |
| TSD-5-240 | 240 | 6200 | 3209 | 21340 | 95.10% | 5 | 3 | 1698 |
| TSD-4-252 | 252 | 6200 | 2977 | 20144 | 86.30% | 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

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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