

CASE STUDY

Typical Heating Season Application



Outside temperature: 36.5° F



Temperature inside door with door closed: 67.6° F



Overhead door opened for 2 minutes

Temperature inside door after 2 minutes

WITHOUT aire curtain operating: **42.2° F**

Temperature inside door after 2 minutes

WITH air curtain model TSD-2-120 operating: **66.7° F**



The TSD performance rating is tested in accordance with AMCA air curtain test procedure #220 and is licensed to bear the AMCA Certified Ratings Seal. The AMCA rating applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only.



October 2014

Unheated

Model	TSD 3-192	TSD 4-192	TSD 3-204	TSD 4-204	TSD 3-216	TSD 4-216	TSD 4-228	TSD 4-240	TSD 5-240	TSD 4-252
Door Width Feet	16	16	17	17	18	18	19	20	20	21
Nozzle Width Inches	192	192	204	204	216	216	228	240	240	252
Max. FPM at Nozzle	6200	6200	5900	6200	5900	6200	6200	6200	6200	6200
Avg. Outlet Velocity FPM	3029	3443	2925	3314	2891	3259	3154	3112	3443	3024
CFM at Nozzle	15748	18360	16013	18625	16737	19349	19614	20338	22950	20603
Outlet Velocity Uniformity	86.3%	95.1%	86.3%	92%	86.3%	86.3%	86.3%	86.3%	95.1%	86.3%
Power Rating KW	7.1	8.4	7.1	8.4	7.5	8.8	8.8	9.2	10.5	9.2
Number of Motors	3	4	3	4	3	4	4	4	5	4
Horse Power	3	3	3	3	3	3	3	3	3	3
Weight (Lbs)	1136	1359	1174	1397	1194	1417	1455	1475	1698	1513

Consult factory for electric heat

Velocity Projection Model: TSD 1-48

Distance From Nozzle: 4' 12' 18'

Core Velocity (fpm): 2289 1415 1184



MADE IN THE USA