



# POWERED AIRE INC.

www.poweredaire.com

**MODEL: TDG – Single Speed Direct  
Gas Heated Air Curtain  
Door Height: Up to Ten Feet**

## PRODUCT DATA SINGLE SPEED UNITS

Model	TDG 2-72	TDG 2-84	TDG 2-96	TDG 3-108	TDG 3-120	TDG 3-132	TDG 4-144
Nozzle width Inches	72	84	96	108	120	132	144
Max. FPM at Nozzle	4218	4218	4218	4218	4218	4218	4218
Max. CFM at Nozzle	5803	6766	7732	8702	9668	10853	11606
Avg. FPM at Nozzle	3696	3169	2773	3702	3174	2792	3696
CFM at Nozzle	5082	5063	5081	7623	7614	7589	10164
Outlet Velocity Uniformity	95%	93%	92%	92%	95%	94%	95%
Number of Motors	2	2	2	3	3	3	4
Horse Power	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Heater Output mbtu/hr	576	574	576	865	864	861	1,153
Max. Output Temperature* Deg.(F)	105	105	105	105	105	105	105
Weight (Lbs)	499	547	593	655	764	775	858

Sound Level: 63 dba

Sound level measured 10 feet from the unit in a free field based on a one motor unit.

**Three Phase Motor Voltage Available: 208 240 480 575**

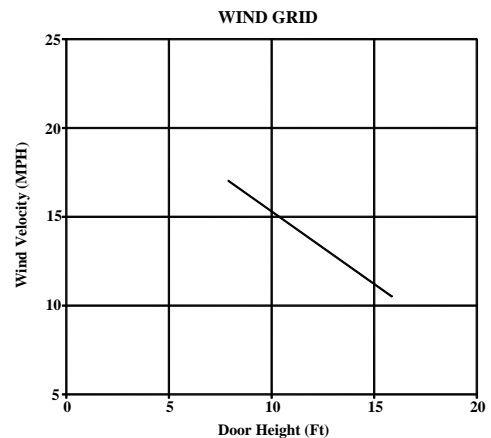
**Amp Draw Per Motor: 3.0 2.8 1.5 1.1**

\* Consult factory to adjust heater mbtu/hr to meet a customer specification for temperature output other than 105 deg F.

\*\* Nozzle width equals door width.

\*\* For three phase motors consult factory.

\*\* For unit over twelve feet long consult factory.



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