



POWERED AIRE INC.

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MODEL: TIG – Indirect Gas Heated
Door Height: Up to Ten Feet

PRODUCT DATA SINGLE SPEED UNITS

Model	TIG 1-36	TIG 1-48	TIG 1-60	TIG 2-72	TIG 2-84	TIG 2-96	TIG 3-108	TIG 3-120	TIG 3-132	TIG 4-144
Nozzle Width (in)	36	48	60	72	84	96	108	120	132	144
Max. FPM At Nozzle	4218	4218	4218	4218	4218	4218	4218	4218	4218	4218
Max. CFM At Nozzle	2899	3867	4374	5803	6766	7732	8702	9668	10853	11606
Avg. FPM At Nozzle	3695	2771	2218	3696	3169	2773	3702	3174	2792	3696
CFM at Nozzle	2541	2559	2528	5082	5063	5081	7623	7614	7589	10164
Outlet Velocity Uniformity	95%	92%	91%	95%	93%	92%	92%	95%	94%	95%
Number of Motors	1	1	1	2	2	2	3	3	3	4
Horse Power	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Input mbtu/hr per Heater	115	115	115	230	230	230	345	175	175	230
Number of Heaters	1	1	1	1	1	1	1	2	2	2
Total Output mbtu/hr	92	92	92	184	184	184	276	280	280	368
Temperature Rise (°F)	34	33	34	34	34	34	34	34	34	34
Weight (Lbs)	250	282	337	496	526	569	638	679	833	992

Sound Level: 63 dba
 Sound level measured 10 feet from the unit in a free field based on a one motor unit.

Indirect gas heaters used are certified by the American Gas Association. Standard equipment: includes power-vented flues, spark-ignited pilots, stainless steel duct transition and stainless steel aire curtain housing.

Single Phase Motor Voltage Available: 120 208/230 480 575
Amp Draw Per Motor: 8.0 3.6 2.2 1.5

- ** Nozzle width equals door width.
- ** For three phase motors consult factory.
- ** For unit over twelve feet long consult factory.

