Climate Control MODEL TIG

For openings up to 12 feet high

Indirect Gas Heated

The **TIG model** for Climate Control with Indirect Gas Heat is used to stop cold drafts from entering door openings and to provide warm air. The gas heater pushes air into the stainless steel duct transition and blankets the full width and length of door. The TIG provides a temperature rise of 34-44° F to the ambient entering air, depending on the model. Closed combustion heaters are available upon request. The TIG has top and bottom access panels to replace or service motors or blowers without lowering entire unit or bottom half of unit. The motor/blower plate comes out as an entire piece. The air curtain is direct drive, which avoids misalignment of couplers and outboard bearings and eliminates periodic belt replacement.

Key Design Features

- Stainless steel case is minimum 18 gauge 304 stainless steel in a number three finish. Stainless steel duct transitions.
- Heavy duty 3/4 HP motors. 1630 rpm each.
- Galvanized fans.
- High efficiency discharge plenum ensures that air being discharged fills the entire width and height of the opening. This also lowers the unit's operational sound level.

ECo-Motor™ OPTION
See Data Sheet for AMP Draw

- Directional air foil vane factory set to facilitate deflection of air stream +/- 20 degrees.
- Factory matched indirect gas heater(s) will be equipped with power exhaust, direct spark ignition, electronic flame supervision and gas pressure switches. Tubular heat exchangers are of aluminized steel. Optional stainless steel heat exchangers are available upon request.
- Indirect gas heaters certified by the American Gas Association.

Recommended Controls

Remote mounted Hand/Off/Auto Switch
Thermostat
Time Delay Relay
Magnetic Door Switch for activation

Sound level: 63 dBA (Measured 10 ft. from unit in a free field based on a 1 motor unit)

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	150	150	150	250	250	250	350	200	200	250
Number of Heaters	1	1	1	1	1	1	1	2	2	2
Total Output mbtu/hr	120	120	120	200	200	200	280	320	320	400
Temperature Rise Deg. (F)	44	43	44	36	37	36	34	39	39	36
Weight (Lbs)	250	282	337	496	526	569	638	679	833	992

Single Phase Motor Voltage Available: 120 208/230 480 575
Amp Draw Per Motor: 8.0 3.6 2.0 1.5

** For three phase motors consult factory.
** For unit over twelve feet long and nonstandard electric heater consult factory.

MADE IN THE USA