



► TFD-IG | PERFORMANCE

TFD-IG | Performance Table

Model	Nozzle Width (in.)	Max. FPM at Nozzle	Avg. Outlet Velocity FPM	CFM at Nozzle	Outlet Velocity Uniformity	Power Rating (kW)	Number of Motors	Motor HP	Sound Pressure & Sound Power (dBA)*	Number of Heaters	Input mbtu/hr per Heater	Output Total mbtu/hr	Temp. Rise (°F)	Weight (lbs.)
TFD-1-36IG	36	4500	3108	2331	92.0%	1.2	1	1.5	73	1	100	80	32	279
TFD-1-48IG	48	4500	3565	2565	94.0%	1.3	1	1.5	76	1	100	80	29	330
TFD-1-60IG	60	4500	2146	2682	73.0%	1.3	1	1.5	69	1	100	80	28	408
TFD-2-72IG	72	4500	3108	4662	92.0%	2.4	2	1.5	76	1	200	160	32	605
TFD-2-84IG	84	4500	2798	4896	92.0%	2.6	2	1.5	79	1	200	160	20	647
TFD-2-96IG	96	4500	2565	5130	94.0%	2.6	2	1.5	79	1	200	160	29	698
TFD-2-108IG	108	4500	2332	5247	73.0%	2.6	2	1.5	79	1	200	160	28	748
TFD-3-108IG	108	4500	3108	6993	92.0%	3.6	3	1.5	77	2	150	240	32	813
TFD-3-120IG	120	4500	2891	7227	92.0%	3.7	3	1.5	80	2	150	240	31	825
TFD-3-132IG	132	4500	2713	7461	92.0%	3.8	3	1.5	80	2	150	240	30	1048
TFD-4-144IG	144	4500	3108	9324	92.0%	4.8	4	1.5	79	2	200	320	32	1163
TFD-4-156IG	156	4500	2941	9558	92.0%	4.9	4	1.5	82	2	200	320	31	1252
TFD-4-168IG	168	4500	2798	9792	92.0%	5.0	4	1.5	82	2	200	320	30	1294

*Calculation based on spherical free field at 5 ft.

! For a unit over 14 feet long, consult factory.
For Top Intake, consult factory.

TFD-IG | Three Phase Motor Options

Voltages available	120	208	240	480	575
Amp draw per motor	NA	5.0	4.6	2.3	1.9

KEY DESIGN FEATURES

- Outer cabinet constructed of 18-gauge 304 stainless steel with #3 finish
- 1.5 HP TEAO (Totally Enclosed Air Over) direct-drive single-speed motor(s)
- High-efficiency discharge plenum with adjustable air foil vane (+/-20°)
- Top and bottom access panels for servicing and removal of motor-blower assembly
- NEMA 12 control panel
- Factory mounted 18-gauge 304 stainless steel transition duct(s)
- AGA/CGA labeled gas heater(s) with power exhaust, direct spark ignition, and tubular heat exchangers
- Convertible open and closed combustion
- Natural gas or propane fuel types
- Standard single point power connection

RECOMMENDED CONTROLS

- Activation by 24V magnetic door switch
- Toggle disconnect switch
- Hand/Off/Auto selector switch
- Heat On/Off selector switch
- Digital thermostat