

# THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

## TD650

Flameless Construction Heater  
No flame. No fumes. No fuss.



### PERFORMANCE

- FUEL: **NATURAL GAS / PROPANE**
- MAX BTU OUTPUT: **650,000**
- EFFICIENCY: **92%+**
- CFM: **7,200+**
- STATIC PRESSURE: **4.50"+**
- TEMPERATURE: **180°F**

### POWER PLANT

- **INDUSTRIAL FORD V6**

### DIMENSIONS

- WEIGHT: **3,100 lbs w/Trailer**
- SKID MOUNTED HEIGHT : **54"**
- SKID MOUNTED WIDTH: **42"**
- SKID MOUNTED LENGTH: **80"**
- TRAILER MOUNTED HEIGHT: **72"**
- TRAILER MOUNTED WIDTH: **72"**
- TRAILER MOUNTED LENGTH: **144"**

### FEATURES

- **SKID MOUNTED OR TRAILER MOUNTED**
- **HIGH STATIC FAN**
- **REMOTE THERMOSTAT**
- **DOUBLE 16" OUTLET**
- **TUBE STORAGE**

Ideal for applications where an open flame or spark risk is out of the question. The Therm Dynamics NG/LP Flameless Heater excels at providing **650,000 BTUs** of clean, dry heat.

The patented technology uses an NG or LP powered Ford V6 to agitate hydraulic oil in a flameless, sparkless, low-pressure environment. The oil is cooled and circulated, not burned, providing a clean pollution free discharge to the target environment. Multiple safety features are incorporated to protect the investment of your Therm Dynamics Heater.

Chassis designed to accommodate the future V8 option with 1.2 million BTUs.

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©2021 by Therm Dynamics Mfg. Inc. All rights reserved. US Patent #5,819,724, #6,186,138B1, #9,366,170B2, #9,816,425B1, and 2,730,821. Other Patents Pending.

## TD650 REPRESENTATIVE PERFORMANCE REPORT

RPM	FUEL BURN LB/HR (LPG)	FUEL BURN CUBIC FT/HR (NG)	OUTLET TEMP	AMBIENT TEMP	CFM	BTU/HR	ST. RP
1800	23.4	371.9	120	0	4,280	385,700	2.00
1900	24.6	394.8	120	0	4,490	409,400	2.00
2000	25.4	413.5	120	0	4,790	428,800	2.25
2100	26.5	436.4	120	0	4,970	452,500	2.50
2200	27.7	461.3	120	0	5,040	478,400	2.75
2300	29.3	494.5	120	0	5,500	512,800	3.00
2400	30.3	515.3	120	0	5,600	534,400	3.25
2500	31.7	550.6	120	0	6,190	571,000	3.50
2600	32.2	561.0	120	0	6,370	581,800	4.00
2700	33.8	606.8	120	0	6,632	629,200	4.25
2800	35.1	633.8	120	0	7,200	657,200	4.50

**NOTE:**

BTU in 1lb. of LPG = 21,548

BTU in 1 Cu Ft of NG = 1,037

Temperature measured in Fahrenheit

