

# THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

## PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU OUTPUT: **750,000**
- Efficiency: **90%+**
- CFM: **7,500+**
- STATIC PRESSURE: **3.25"**
- TEMPERATURE: **180°F**
- MAX FUEL CONSUMPTION: **5.9GPH**

## POWER PLANT

- **JOHN DEERE 6068**
- **CAT C6.6**

## DIMENSIONS

- Weight, Empty: **Approx. 3,980 lbs**
- Weight, Full: **Approx. 5,450 lbs**
- Cabinet Length: **11'6"**
- Overall Length: **14'0"**
- Overall Width: **5'6"**
- Overall Height: **7'0"**

## FUEL CAPACITY

- **210 GALS**

*Clean,  
Safe  
Heat!*

**No flame. No fumes. No fuss.**

**TD  
750**

Ideal for applications where an open flame or spark-risk is out of the question; the **TD750** excels at providing **750,000 BTUs** of clean, dry heat.

The patented technology uses diesel power engine to agitate hydraulic oil in flameless, sparkless, low-pressure environment. In addition, an overspeed air intake shut-off valve is standard equipment. The oil is heated and circulated, not burned, providing a clean pollution free discharge to the target environment. Safety features are incorporated to protect the investment of your Therm Dynamics heater.

All heaters are equipped with a set of four shut-off switches that terminate the engine when excessive pressures, speed or water temperatures are detected.

## CERTIFIED TO

UL733-2013 & CSA B 140.8.1967(R2015) STANDARDS  
REPORT NUMBER: #0489HH001S



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# TD750 REPRESENTATIVE PERFORMANCE REPORT

RPM	FUEL CONS.	OUTLET TEMP	AMBIENT TEMP	CFM	BTU/HR	STATIC
1500	1.4	80	-7	2,020	175,740	2.00
1600	1.9	85	-7	2,530	232,760	2.25
1700	2.1	90	-7	2,720	263,840	2.25
1800	2.5	95	-7	3,080	314,160	1.50
1900	2.8	100	-6	3,310	350,860	2.50
2000	3.1	105	-6	3,520	390,720	2.75
2100	3.7	120	-6	3,720	468,720	2.75
2200	4.1	125	-6	3,970	520,070	3.00
2300	4.6	130	-6	4,260	579,360	3.00
2400	5.4	140	-6	4,650	678,900	3.25
2500	5.9	145	-6	4,970	750,470	3.25

## NOTE:

The test was conducted with the Johnson Control thermostat set at 170 degrees

Air Flow is adjustable to > 7,500 CFM

Ambient Temperature is measured in Fahrenheit

