

# THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

## PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU OUTPUT: **1,000,000**
- Efficiency: **90%+**
- CFM: **6,200+**
- STATIC PRESSURE: **3.50" W.C.**
- TEMPERATURE: **180°F**
- MAX FUEL CONSUMPTION: **7.6GPH**

## POWER PLANT

- **JOHN DEERE 4045 TIER 4F**

## DIMENSIONS

- Weight, Empty: **Approx. 6,500 lbs**
- Weight, Full: **Approx. 7,900 lbs**
- Height: **8'5"**
- Width: **6'7"**
- Length: **15'3"**

## FUEL CAPACITY

- **TWO 100 GALLON TANKS WITH SEPARATION VALVE**
- **DOUBLE CONTAINMENT**

*Clean,  
Safe  
Heat!*

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

**TD  
1000**

Ideal for applications where an open flame or spark-risk is out of the question; the **TD1000** excels at providing **1.0 million BTUs** of clean, dry heat.

The patented technology uses a diesel power engine to agitate hydraulic oil in a flameless, low-pressure environment. An overspeed air intake shut-off valve is standard on this 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 pressure, speed or water temperatures are detected.

**CERTIFIED TO**

**UL733-2013 & CSA B 140.8.1967(R2015) STANDARDS**

**REPORT NUMBER: 489HH001S**



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©2018 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.

# TD1000 REPRESENTATIVE PERFORMANCE REPORT

RPM	FUEL CONS.	OUTLET TEMP	AMBIENT TEMP	CFM	BTU/HR	STATIC
1500	1.8	95	-16	2,050	227,550	2.00
1600	2.2	110	-16	2,220	279,720	2.25
1700	2.6	100	-16	2,570	323,820	2.25
1800	3.1	125	-16	2,760	389,160	2.50
1900	3.5	135	-16	2,960	446,960	2.50
2000	3.8	140	-16	3,110	485,160	2.75
2100	4.6	150	-16	3,520	584,320	3.00
2200	5.2	155	-16	3,890	665,190	3.00
2300	6.2	150	-16	4,700	780,200	3.25
2400	7.1	150	-16	5,450	904,700	3.25
2500	7.6	145	-16	6,250	1,006,250	3.50

## NOTE:

Ambient Temperature is measured in Fahrenheit

