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.

PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU OUTPUT: **1,000,000**
- Efficiency: **90%+**
- CFM: **6,200+**
- STATIC PRESSURE: **7.00" 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

- **220 GALLONS**
- **DOUBLE CONTAINMENT**

CERTIFIED TO
UL733-2013 & CSA B 140.8.1967(R2015) STANDARDS
REPORT NUMBER: 489HH001S



Clean. Safe Heat!

Therm Dynamics Mfg. Inc. 27077 S Gayle Ave, Tea, SD 57064 Office: 605-498-1050
Visit us at www.thermdynamics.com or email info@thermdynamics.com for further information.

©2026 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	110	-16	2,570	323,820	2.75
1800	3.1	125	-16	2,760	389,160	3.00
1900	3.5	135	-16	2,960	446,960	3.50
2000	3.8	140	-16	3,110	485,160	4.00
2100	4.6	150	-16	3,520	584,320	4.75
2200	5.2	155	-16	3,890	665,190	5.00
2300	6.2	150	-16	4,700	780,200	6.00
2400	7.1	150	-16	5,450	904,700	6.50
2500	7.6	145	-16	6,250	1,006,250	7.00

NOTE:
Ambient Temperature is measured in Fahrenheit







