

# THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

## PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU OUTPUT: **1,200,000**
- Efficiency: **90%+**
- CFM: **7,500+**
- STATIC PRESSURE: **3.25"**
- TEMPERATURE: **180°F**
- MAX FUEL CONSUMPTION: **9.3GPH**

## POWER PLANT

- **JOHN DEERE 6068**

## DIMENSIONS

- Weight, Empty: **Approx. 6,030 lbs**
- Weight, Full: **Approx. 8,830 lbs**
- Cabinet Height: **7'0"**
- Cabinet Width: **7'10"**
- Cabinet Length: **11'6"**
- Overall Length: **14'0"**

## FUEL CAPACITY

- **400 GALS**

*Clean,  
Safe  
Heat!*

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

**TD 1200-400** Ideal for applications where an open flame or spark-risk is out of the question; the **TD 1200-400** excels at providing **1.2 million 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: 0489HH0015



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

©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.

# TD1200-400 REPRESENTATIVE PERFORMANCE REPORT

RPM	FUEL CONS.	OUTLET TEMP	AMBIENT TEMP	CFM	BTU/HR	STATIC
1500	2.2	80	-26	2,570	272,420	2.00
1600	2.8	100	-26	2,850	359,100	2.00
1700	3.2	100	-26	3,210	404,460	2.25
1800	3.9	115	-26	3,450	486,450	2.25
1900	4.4	125	-26	3,670	608,400	2.50
2000	4.8	130	-26	3,900	554,170	2.50
2100	5.8	140	-26	4,217	700,022	2.75
2200	6.5	145	-26	4,530	774,630	3.00
2300	7.8	140	26	5,390	894,740	3.00
2400	8.8	140	-26	6,580	1,092,280	3.25
2500	9.3	135	-26	7,500	1,207,500	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

