

# 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**
- **CAT C6.6**

## DIMENSIONS

- Weight, Empty: **Approx. 4,300 lbs**
- Weight, Full: **Approx. 5,770 lbs**
- Cabinet Height: **7'0"**
- Cabinet Width: **5'8"**
- Cabinet Length: **11'6"**
- Overall Length: **14'0"**

## FUEL CAPACITY

- **210 GALS**

*Clean.  
Safe  
Heat!*

## No flame. No fumes. No fuss.

# TD 1200

Ideal for applications where an open flame or spark-risk is out of the question; the **TD1200** 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: 0489HH001S



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# TD1200 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

