

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**

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**

No flame. No fumes. No fuss.

TD 750-400 Ideal for applications where an open flame or spark-risk is out of the question; the **TD 750-400** 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



*Clear.
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.

©2016 by Therm Dynamics Mfg. Inc. All rights reserved. US Patent #5,819,724, #6,186,138B1, and #9,366,170B2

THERM DYNAMICS
FLAMELESS. EFFICIENT. HEATERS.

TD750-400 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

