

THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU OUTPUT: **400,000**
- CFM: **4,000+**
- STATIC PRESSURE: **3.00"**
- TEMPERATURE: **180°F**
- MAX FUEL CONSUMPTION: **3.3GPH**

POWER PLANT

- **KUBOTA V2403 59HP**

DIMENSIONS

- Weight, Empty: **Approx. 2,820 lbs**
- Weight, Full: **Approx. 3,520 lbs**
- Cabinet Height: **6'0"**
- Cabinet Width: **3'0"**
- Cabinet Length: **9'6"**
- Overall Length: **12'4"**
- Overall Width: **5'6"**
- Overall Height: **6'6"**

FUEL CAPACITY

- **100 GALS**
- **200 GALS OPTIONAL**
- **150 GALS DOUBLE CONTAINMENT**

*Clean,
Safe
Heat!*

No flame. No fumes. No fuss.

**TD
400**

Ideal for applications where an open flame or spark-risk is out of the question; the **TD400** excels at providing **400,000 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



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Visit us at www.thermdynamics.com or email 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.

TD400 REPRESENTATIVE PERFORMANCE REPORT

RPM	FUEL CONS.	OUTLET TEMP	AMBIENT TEMP	CFM	BTU/HR	STATIC
1800	1.3	55	-24	2,040	161,60	1.75
1900	1.4	60	-22	2,150	176,300	2.00
2000	1.6	65	-22	2,280	198,360	2.00
2100	1.7	70	-21	2,350	213,850	2.25
2200	1.9	75	-20	2,530	240,350	2.25
2300	2.1	80	-20	2,650	265,000	2.50
2400	2.6	95	-20	2,760	317,400	2.50
2500	2.8	105	-20	2,820	352,500	2.75
2600	3.0	110	-20	2,910	378,300	3.00
2700	3.3	110	-20	3,200	416,000	3.00

NOTE:

The test was conducted with the Johnson Control thermostat set at 170 degrees
Air Flow is adjustable to > 4,000 CFM
Ambient Temperature is measured in Fahrenheit

