

THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

No flame. No fumes. No fuss.

TD625



PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU OUTPUT: **625,000**
- Efficiency: **90%+**
- CFM: **4,500+**
- STATIC PRESSURE: **3.5"**
- TEMPERATURE: **180°F**
- MAX FUEL CONSUMPTION: **4.9GPH**

POWER PLANT

- CAT C3.4 T4F
- KOHLER 2504

DIMENSIONS

- Weight, Full: **Approx. 4,420 lbs**
- Weight, Empty: **3,300 lbs**
- Cabinet Height: **6'6"**
- Overall Length: **12'4"**
- Overall Width: **5'6"**

FUEL CAPACITY

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

FEATURES

- **Remote Site Thermostat Control**
- **Duct Storage**
- **Torsion Axle**
- **Double Fuel Containment – Optional**

CERTIFIED TO

UL733-2013 & CSA B 140.8.1967(R2015) STANDARDS
REPORT NUMBER: 0489HH001S

Ideal for applications where an open flame or spark-risk is out of the question; the **TD625** excels at providing **625,000 BTUs** of clean, dry heat.

The patented technology uses a 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.

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Visit us at www.thermdynamics.com or email info@thermdynamics.com for further information.

©2019 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.

TD625 REPRESENTATIVE PERFORMANCE REPORT

| RPM | FUEL CONS. | OUTLET TEMP | AMBIENT TEMP | CFM | BTU/HR | STATIC |
|------|------------|-------------|--------------|-------|---------|--------|
| 1600 | 1.60 | 110 | 0 | 2,230 | 245,300 | 1.25 |
| 1700 | 1.80 | 125 | 0 | 2,380 | 297,500 | 1.50 |
| 1800 | 2.20 | 135 | 0 | 2,510 | 338,850 | 1.75 |
| 1900 | 2.50 | 135 | 0 | 2,660 | 359,100 | 2.00 |
| 2000 | 2.90 | 140 | 0 | 3,580 | 501,200 | 2.25 |
| 2100 | 3.40 | 145 | 0 | 3,840 | 556,800 | 2.50 |
| 2200 | 4.10 | 145 | 0 | 4,030 | 584,350 | 2.75 |
| 2300 | 4.40 | 140 | 0 | 4,210 | 589,400 | 3.00 |
| 2400 | 4.70 | 140 | 0 | 4,380 | 613,200 | 3.25 |
| 2500 | 4.90 | 140 | 0 | 4,500 | 630,000 | 3.50 |

NOTE:

The test was conducted with the Johnson Control thermostat set at 170 degrees

Air Flow is adjustable to > 5,500 CFM

Ambient Temperature is measured in Fahrenheit

