

# THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

## 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

- **DOOSAN D24**
- **KOHLER 2504**
- **74.9HP - No DEF**

## 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**

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

# TD625



**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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©2025 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

