

# THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

## PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU OUTPUT: **1,250,000**
- Efficiency: **90%+**
- CFM: **9,000**
- STATIC PRESSURE: **7.0"**
- TEMPERATURE: **180°F**
- MAX FUEL CONSUMPTION: **9.8GPH**

## POWER PLANT

- **2-2504D KOHLER**

## DIMENSIONS

- Weight, Empty: **7,400 lbs**
- Cabinet Height: **7'10"**
- Overall Length: **14'0"**
- Overall Width: **8'4"**

## FUEL CAPACITY

- **240 GALS DOUBLE CONTAINMENT**

## FEATURES

- **Remote Site Thermostat Control**
- **Duct Storage**
- **Torsion Axle**

## NO DEF

**No flame. No fumes. No DEF.**

# TD1250



## CERTIFIED TO

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

Ideal for applications where an open flame spark risk is out of the question; the **TD1250** excels at providing **1.25 Million BTUs** of clean, dry heat.

The patented technology uses two diesel powered engines to agitate hydraulic oil in a 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 engines when excessive pressures, speed or water temperatures are detected.

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## TD1250 REPRESENTATIVE PERFORMANCE REPORT

RPM	FUEL CONS.	OUTLET TEMP	AMBIENT TEMP	CFM	BTU/HR	STATIC
1600	3.20	110	0	4,460	490,600	2.50
1700	3.60	125	0	4,760	595,000	3.00
1800	4.40	135	0	5,020	677,700	3.50
1900	5.00	135	0	5,320	718,200	4.00
2000	5.80	140	0	7,160	1,002,400	4.50
2100	6.80	145	0	7,680	1,113,600	5.00
2200	8.20	145	0	8,060	1,168,700	5.50
2300	8.40	140	0	8,420	1,178,800	6.00
2400	9.40	140	0	8,670	1,226,400	6.50
2500	9.80	140	0	9,000	1,260,000	7.00

### NOTE:

The test was conducted with the controller set at 120 degrees

Air Flow is adjustable to 9,000 CFM

Ambient Temperature is measured in Fahrenheit

