

THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU OUTPUT: **250,000**
- CFM: **2,000+**
- STATIC PRESSURE: **2.25"**
- TEMPERATURE: **180°F**
- MAX FUEL CONSUMPTION: **2.0 GPH**

POWER PLANT

- **ISUZU 3CE1 Turbo Charge 35HP**

DIMENSIONS

- WIDTH: **28"**
- HEIGHT: **45"**
- LENGTH: **82" overall w/
Outlet and Inlet**
- WEIGHT, EMPTY: **1,460 lbs**

FUEL CAPACITY

- **52 GALS (42 hrs run
time at Max. RPM.)**

OUTLET

- **1 x 12" or 2 x 8" Ports**

*Clean,
Safe
Heat!*

No flame. No fumes. No fuss.

**TD
250**

Ideal for applications where an open flame or spark-risk is out of the question; the **TD250** excels at providing **250,000 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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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.

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TD250 REPRESENTATIVE PERFORMANCE REPORT

RPM	FUEL CONS.	OUTLET TEMP	AMBIENT TEMP	CFM	BTU/HR	STATIC
1700	0.50	110	-8	570	62,700	1.00
1800	0.55	115	-8	600	69,000	1.00
1900	0.60	120	-8	640	76,800	1.25
2000	0.65	122	-8	675	82,350	1.25
2100	0.70	125	-8	700	87,500	1.50
2200	0.75	130	-8	725	94,250	1.50
2300	0.80	140	-8	750	105,000	1.50
2400	0.90	145	-8	800	116,000	1.75
2500	1.10	150	-8	900	135,000	1.75
2600	1.20	160	-8	950	152,000	1.75
2700	1.30	165	-8	1,010	166,650	2.00
2800	1.50	170	-8	1,100	178,000	2.00
2900	1.70	175	-8	1,210	211,750	2.00
3000	2.00	180	-8	1,400	252,000	2.25

NOTE:

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

Air Flow is adjustable to > 2,000 CFM

Ambient Temperature is measured in Fahrenheit

