

THERM DYNAMICS

FLAMELESS. EFFICIENT. HEATERS.

TD405

Flameless Construction Heater
No flame. No fumes. No fuss.

PERFORMANCE

- FUEL: **Diesel #2**
- MAX BTU AVAILABLE: **425,000**
- CFM: **3,200+**
- STATIC PRESSURE: **3.00" LBS**
- TEMPERATURE: **180°F**
- MAX FUEL CONSUMPTION: **3.1GPH**

POWER PLANT

- **CATERPILLAR C2.2 TIER IVF**

DIMENSIONS

- Weight, Empty: **Approx. 2,525 lbs**
- Weight, Full: **Approx. 3,100 lbs**
- Overall Length: **12'4"**
- Overall Width: **5'6"**
- Overall Height: **6'0"**

FUEL CAPACITY

- **84 GALS**

FEATURES

- **Remote Site Thermostat Control**
- **Duct Storage**
- **1 – 16" Outlet**
- **Torsion Axle**



Ideal for applications where an open flame or spark-risk is out of the question; the **TD405** excels at providing **425,000 BTUs** of clean, dry heat.

The patented technology uses a diesel power engine to agitate hydraulic oil in flameless, sparkless, low-pressure environment. 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 multiple shut-off switches that terminate the engine when low pressures or high water temperatures are detected.

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©2021 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.

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TD405 REPRESENTATIVE PERFORMANCE REPORT

RPM	FUEL CONS.	OUTLET TEMP	AMBIENT TEMP	CFM	BTU/HR	STATIC
1800	1.02	55	-10	2,000	130,000	1.75
1900	1.19	60	-10	2,150	150,500	2.00
2000	1.28	65	-10	2,190	164,250	2.00
2100	1.7	70	-10	2,450	196,000	2.25
2200	1.9	75	-10	2,530	215,050	2.25
2300	1.99	80	-10	2,650	238,500	2.50
2400	2.32	95	-10	2,760	289,800	2.50
2500	2.38	100	-10	2,790	306,900	2.75
2600	2.67	105	-10	2,910	334,650	3.00
2700	3.08	110	-10	3,200	384,000	3.00

NOTE:

Temperature is measured in Fahrenheit

