

THERM DYNAMICS

INDIRECT FIRED PORTABLE HEAT

PERFORMANCE

- FUEL: **Oil/Diesel**
- MAX BTU INPUT: **500,000**
- Efficiency: **81%+**
- CFM: **3,500+**
- STATIC PRESSURE: **2.3"**
- TEMPERATURE: **290°F**
- MAX FUEL CONSUMPTION: **4.5GPH**
- RUN TIME: **8 Hrs**

POWER PLANT

- **Generator**
 - Gillette EDTD 60E 6,000W
 - Kohler KD 420 9.5HP Diesel
 - 6.0KW Max, 5.0KW Continuous
 - 120/240 Volt
- **IDF Heater**
 - 1.5HP Electric Fan Motor
 - 115V / 25 AMP

DIMENSIONS

- Weight: **1,300 lbs Dry**
- Cabinet Height: **54"**
- Cabinet Width: **69"**
- Overall Length: **98"**

FUEL CAPACITY

- **35 GALS**

Indirect "Diesel" Fired Portable Heater

Self Contained Generator / Trailer

TD 500

Ideal for applications where portable heat and a generator are needed to maintain aircraft on the ramp or in the hanger. **500,000 BTU/HR** of clean, dry heat.

IDF-HS

This heater is portable and simple to operate. All parts have easy access for quick service and routine maintenance. TD heaters meet OSHA standards and have CSA or ETL approval, with a design to withstand the toughest climate and weather conditions. 18 years operating in Extreme Conditions in the Canadian North.

*Clean,
Safe
Heat!*



THERM DYNAMICS
INDIRECT FIRED PORTABLE HEAT

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.

©2016 by Therm Dynamics Mfg. Inc. All rights reserved. US Patent #5,819,724, #6,186,138B1 and #9,366,170B2

Heater Comparison

SPECIFICATIONS	TD500 IDF	Aero Tech BT400
HEATING CAPACITY	500,000 BTU	330,000 BTU
MAX. AIR DELIVERY	3,500 CFM	1,500 CFM
MAX. OUTLET TEMP.	290 DEGREE F	250 DEGREE F
FUEL CAPACITY	35 US GALLONS	35 US GALLONS
FUEL TYPE	JP4, JP5, JP8, 2 DIESEL	JP4, JP5, JP8, 2 DIESEL
MAX. FUEL CONSUMPTION	4.5 GPH	2.5 GPH
NOZZLE	2.75" GPH 60 DEGREE	2.0" GPH 45 DEGREE
STATIC PRESSURE	2.3" W.C.	0.65" W.C.
IGNITION	ELECTRIC	ELECTRIC
DUCTABILITY	30' DISCHARGE	30' DISCHARGE
ENGINE	KOHLER KD 420 9.5HP DIESEL	KUBOTA OC60 DIESEL
GENERATOR	GILLETTE EDTD 60E 6.0 KW	NA
AUX. POWER OUTLET	YES	NA
SHORE POWER	120/240 V	NA
OUTLET DUCT	2 X 12" OUTLET	1 X 12" OUTLET
CERTIFICATION	CSA	O-TL
TIRES	4	2
WARM UP TIME	45 SECS.	4 MIN
RUN TIME	8 HRS.	14 HRS.
MANUAL START OPTION	YES	NA
EFFICIENCY	81%	83%
HITCH SETUP	PINTLE	PINTLE
DUCT STORAGE	YES	NA
LIGHTED CONTROL PANEL	YES	NA
WEIGHT (DRY)	1,300 LBS.	745 LBS
DIMENSIONS	82" L X 60" W X 52" H	71" L X 50" W X 48" H

