

# The ThermoGen Heater®

## 50M Specifications and Data

Thermal output BTU/hr	5,500,000*
Heating Surface (sq ft)	206
Thermal Efficiency Average (%)	86
Coil Pipe Material	A106 Grade B
Number of Coils	3
Capacity of Coils (gal)	64
Test Pressure (PSI)	500
Maximum Outlet Temperature (°F)	(Varies with Density/Type of Fluid ) 250
Maximum Fuel Pressure (PSI)	75
Stack Temperature Average (°F)	500
Fuel Consumption at Rated Output (gal/hr)	46
Atomizing Air Pressure (PSI)	40 – 50
Fuel Nozzle	Single Multi-port
Blower Type	Forced Draft Fan
Combustion Air (CFM)	2000
Ignition Type	Magneto Spark or Ignition Transformer
Electric Power Supply	12 volt DC
Spark Plug Gap	5/16"
Percent CO <sub>2</sub>	12
Height to Stack Transition (in)	48
Length (in)	94
Width (in)	48
Weight (lbs)	3400

- The heater was constructed in accordance with GenTex™ Oilfield Manufacturing Inc Quality Control program: Registration Number 25-537.
  - The data provided above is accurate and representative of the unit's performance.
  - The heater has been inspected and tested in accordance with GenTex™ Oilfield Manufacturing Inc testing standards.
- \*Based on the calculated average from high fire test reports.

