



THE DRAGON HEATER TRAILER MOUNTED DIESEL FUEL HEATER

This heater supplies warm, clean pressurized air for temporary heating structures in any industry. The heating connection to the structure is made with a 30 foot x 12 inch hose with a 12 inch coupler. Depending on the heating requirements this connection can be modified.

Thermal energy is provided by our patented burner. The technology uses pressurized air producing no carbon monoxide and 5ppm NOx in the exhaust stream. A specially designed air to air heat exchanger transfers heat from the exhaust gases to the heater air stream. As a result, based on our highly efficient heat transfer ability, our heater competes favorably with other heaters with burners rated at 500,000 BTU/hr or higher. Our near flameless burner is both very safe and efficient.

DESIGN FEATURES

- Efficient heating – heats spaces in less time than conventional units
- Fuel Savings – consumes 50% to 70% less fuel than conventional units
- Steel and aluminum – to withstand environmental elements
 - Large doors - easy access for servicing
 - Storage area – for hose and adapter
 - Single push button start
 - Foam tires
 - Forklift Pockets
 - 99 Gallon Tank

OPTIONS

- 30 ft x 12" hose with 12" adapter
- Power receptacle with 5000 watt capacity



DRAGON HEATER

DESIGN SPECIFICATIONS

Engine Type	Kubota, model V2403CRTIE4BGKEA1, 4 cylinder, turbocharged, diesel, liquid cooled, EPA Tier 4 final, developing 45hp at 1,800rpm gross intermittent horsepower, 60A 12VDC alternator, 2kW starter, SAE 4/7.5" coupling, heated CCV
Heating Capacity (BTU/hr)	250,000 (73kW) - 1MMBtu Equivalent
Operating Temperature	-50 °C (-58 °F) to 20 °C (68 °F)
Alternator	Stamford, model S1L2, 30kW, 3ph
Cooling system	Kubota radiator kit w/fan shrouding, blower fan, finger guards, coolant overflow tank 120V block heater, circulating style
Fuel system	Fuel filter, replaceable element, fuel/water separator, 12V fuel transfer and priming pump
Controls	MVP OLED control panel, fixed speed (-40 +70C operation) w/weatherproof cover (shipped loose)
Starting system	20V battery charger 6A, lockable battery disconnect switch, batt. cables, 120V batt. blanket
Air Temperature Delivery	50 °C - 250 °C
Cabin Blower CFM	2650
Mass flow rate of Air	143 lb/min (65 kg/min)
Weight	5100 lbs (2313 kg)

DIMENSIONS

Length 100 Inch

Width 60 Inch

Height 61.5 inch

Note: Specifications may change. Contact ACI for more details.

CERTIFICATIONS

CAN/CSA-B149.3-15

Code for the Field Approval of Fuel Related Components on Appliances and Equipment

CSA STD C22.1-15

Canadian Electrical Code, Part I Safety Standard for Electrical Installations

CAN/CSA-B149.1

Natural Gas and Propane Installation Code