# **MFH500**

## MOBILE FLAMELESS HEATER



# **SPECIFICATIONS**

#### **ENGINE SYSTEM**

- Isuzu® 4JJ1T
- Diesel fueled
- EPA Final Tier 4
- 4 cylinder
- Series turbocharged
- 3.0 L displacement
- Power @ 2,000 rpm: 73 hp (54 kW)
- Air filter: Dry type cartridge

#### **Fuel System**

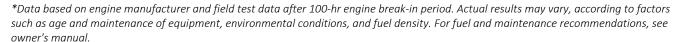
- TC-rated fuel tank
- Fuel tank capacity—gal (L):
  - Total: 173 (654.9)Usable: 160 (605)
- Fuel consumption rate: 3.55 gph (13.44 Lph)
- Minimum run time: 45 hr
- Fuel filter: Spin-on

# **Cooling System**

- Liquid cooled
- Capable of operating at -40 to 100 °F (-40 to 37.8 °C) ambient
- Coolant capacity: 6.3 qt (6.0 L)

### **Lubrication System**

- Oil filter: Spin-on
- 500-hr service interval\*\*



<sup>\*\*</sup>For maximum service interval, replace oil filter after 50-hr break-in period. For oil filter model number, see parts manual.

### **HEATER**

- Type: Flameless, self-contained
- Heat produced: Up to 485,000 BTU/hr (142.1 kW/hr)
- Temperature range: 120-180 °F (48.9-82.2 °C)
- Air flow: 2,650–5,500 ft<sup>3</sup>/min (807.7–1,676.4 m<sup>3</sup>/min)
- Air discharge: Two 12 in (30.5 cm) outlets
- Efficiency: Up to 92%
- Heat transfer fluid (HTF):
  - Pump: Variable displacement piston pump
  - Tank capacity: 14 gal (53 L)
  - System capacity: 25 gal (95 L)
  - Hydraulic oil type: Mobile DTE10 ISO VG68



Picture shown may not reflect actual configuration.

### **HYDRAULIC LOOP**

- Pump: Metaris 63 cc variable displacement piston pump
- Two hydraulic oil filters 9 and 20 microns

#### **SAFETY**

- Self-contained
- Automatic shutdown for high hydraulic oil temperature, high hydraulic oil pressure, engine overspeed, low engine oil, low fuel, and low hydraulic oil
- 110% containment

#### **ENCLOSURE**

- Material: Steel with powder coat
- Fully lockable including control box door, service access doors, and fuel fill
- Rear storage for two 12-in×50-ft air ducts
- Operating and safety decals
- Document holder with owner's manual includes wiring diagrams

#### **TRAILER**

- 2-5/16 in ball hitch—adjustable height
- Lift jacks
- Electric brakes
- Transportation tie downs
- Forklift tubes
- DOT approved lights: Tail, brakes, and directionals
- One 6,000 lb (2,721.6 kg) axle
- Tires: 16 in (40.6 cm)

#### **CONTROLS**

- Murphy controller
- TFT color graphic LCD display with LED backlight
- Operating temperature range: -22 to 149 °F (-30 to 65 °C)

#### **BATTERIES**

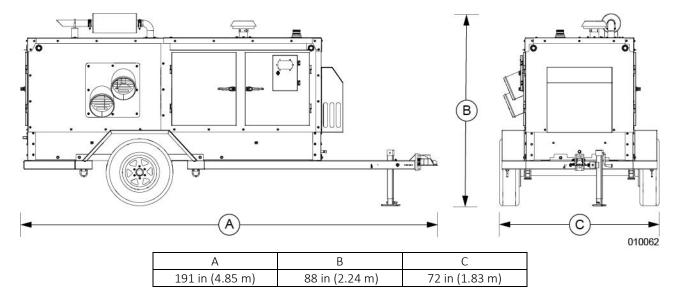
- Two 12 V, 950 CCA, wet cell batteries
  - Electrical system rating: 12 V

#### **OPTIONS\***

- Spare tire and carrier
- 60/40 coolant
- Rear stabilizer jacks
- One 20 in (50.8 cm) air discharge outlet
- 2-5/16 in. BULLDOG® hitch adjustable height
- 3 in. ring adjustable height

<sup>\*</sup>Additional options may be available. Contact a sales representative or the factory for current options.

# **DIMENSIONS**



# **WEIGHT**

- Dry: 5,540 lb (2,513 kg)
- Operating: 6,400 lb (2,903 kg)

#### **WARRANTY**

1 year, unlimited hours

### **CODES AND STANDARDS**

Generac Mobile products are designed to the following standards:



### FOR MORE INFORMATION

Owner's manual is available at <a href="https://www.generacmobileproducts.com/service-support/manuals">www.generacmobileproducts.com/service-support/manuals</a>.