

Maxi-Heat®

MH500iQ™

iQ SYSTEM CALIBRATES AND MONITORS THE HEATER

TWIN HEATER UNITS CAN BE USED INDEPENDENTLY

HEATERS CAN BE POWERED BY MACHINE'S
ENGINE / GENERATOR OR UTILITY POWER



SINCE 1938

Reliability, Performance and Integrity.

Maxi-Heat[®]

MH500iQ[™]



The Maxi-Heat[®] MH500iQ[™] FCS is designed to provide heat in harsh conditions with two independently operating heater units providing up to a combined 1,000,000 BTU's of heat. The iQ system automatically calibrates each heater unit so you don't have to change nozzles or test and retest with a smoke spot tester. The iQ system continuously monitors the heater, producing a higher degree of fuel efficiency with less soot and smoke. With a Fluid Containment System (FCS) and a single cell, double wall steel fuel tank, this heater is a top choice for worry free jobsites.

KEY FEATURES

- **iQ System Simplifies Calibration of Heater**
- **Twin Heater Units Produce 1,000,000 Combined BTU's**
- **Ability to operate single burner at 500,000 BTUs**
- **Fluid Containment System**
- **Single Cell Double Wall Steel Fuel Tank**
- **Caterpillar or Optional Isuzu Liquid-Cooled Diesel Engine**
- **16" or Dual 12" Duct Flange Outlets**
- **GPS Ready (Customer Supplied)**

OPTIONAL

- **Thermostat Package**
 - Remote thermostat
 - Lead extension
- **Lockable Battery Disconnect**
- **Intake Air Shutdown**
- **Custom Paint**

WHY ALLMAND[®]

When it comes to managing a jobsite, you want equipment that will not fail you when you need it most. You're looking for trust and reliability. Allmand[®] brings that to your jobsite, with over 75 years of respected experience. Our focus on Service and Support allows users to get the parts, technical service and support they need. Product innovation has helped us develop state-of-the-art towable jobsite equipment, bringing portable light towers, mobile industrial heaters, portable light stands, portable air compressors and mobile generators for the construction, mining, oil & gas, and rental markets.

Power System		
Model	MH-C1.5	MH-I3CE
Engine Brand	Caterpillar	Isuzu
Engine Model	C1.5	3CE
EPA Emissions Certified	Tier 4 Final	Tier 4 Final
Output @ Rated Speed (1,800 RPM) - HP	18.8	19.9
Engine Electrical System (V)	12	12
Alternator - Automatic Voltage Regulator (VAC)	120 / 240	120 / 240
Frequency (Hz) / Phase	60 / 1-phase	60 / 1-phase
Prime Power (kW)*	9	9
Battery	800 CCA @ 0°F deep cycle	
Engine Starting System	Glow plug cold starting	Glow plug cold starting
Fuel Capacity gal (L)	175 (662.4)	175 (662.4)
Operating Time (hrs)**	30.2	30.0
Features		
Heater Unit	(2) MCS500iQ indirect-fired heating units	
Control Type	iQ System - Automatically calibrates burner for temperature, humidity and barometric pressure. Provides damper setting on color display, and information on efficiency, target and actual outlet temperatures.	
BTU per hour	Up to 515,000	
Maximum Temperature - Output Temperature Rise Output	230°F (110°C)	
Static Pressure (in WC)	2.3	
Heated Air Output (CFM)	3,200	
Length in (mm)	190.3 (4,834)	
Width in (mm)	80.0 (2,032)	
Height - Top of Stack in (mm)	86.3 (2,192)	
Shipping Weight lbs (kg)	4,620 (2,095)	
Gross Vehicle Weight Rating (GVWR) lbs (kg)	6,000 (2,722)	
Towing Connection	Reversible Coupler: Adjustable height 2" Bulldog [®] and 3" Pintle	

*Prime generator electrical output per Allmand[®] testing. **Based on one hour run test full fuel tank consumption. Allmand[®] has a policy of continuous product improvement and reserves the right to modify its specifications at any time and without prior notice. See operator's manual or www.allmand.com website for complete warranty details.



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