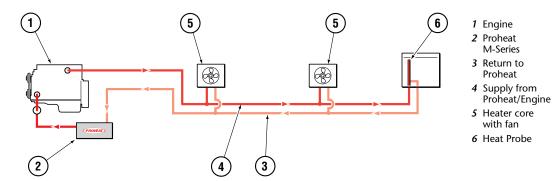


THE COOLANT HEATER OF CHOICE FOR HEAVY EQUIPMENT

ULTRA-POWERFUL COOLANT HEATER FOR DEMANDING ENVIRONMENTS

PROTE

With up to 125,000 BTU of output, the Proheat M-Series is an ultra-powerful, cold weather auxiliary heating solution for heavy equipment. This diesel-powered heater preheats the engine to ensure quick and reliable starts while reducing engine wear. Proheat M-Series heaters are also powerful enough to supply supplemental heat for hydraulics and cabin heat interior with or without the main engine running. The heater is designed to be accessible and easily serviced by technicians to help minimize down time. CAN bus connectivity means the heater can be seamlessly installed on equipment or vehicles that rely on the J1939 network standard. Trusted in the industry for years, Proheat M-Series heaters are installed on vehicles and equipment used throughout the world.



AT A GLANCE M-SERIES HEATER FEATURES

- Diesel-powered coolant heater
- Models from 50,000 to 125,000 BTU/hr (15 to 37 kW)
- Engine preheat reduces start-up wear and tear
- Generates supplemental heat for hydraulics and operators
- Optional control of an external coolant pump
- Two year parts and labor warranty

STANDARD FEATURES

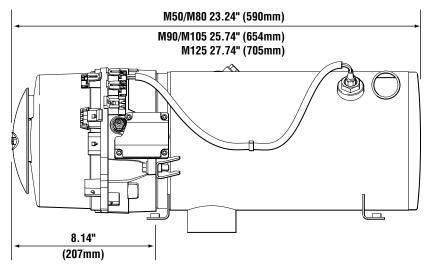
- Standard J1939 CAN bus
- USB connectivity
- Integrated diagnostic indicator
- Dual mode temperature sensor
- Up or Down Exhaust
 available

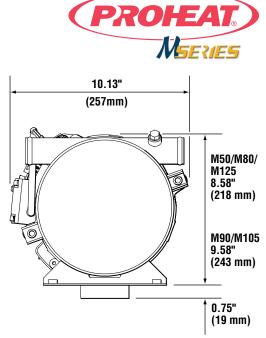


www.proheat.com

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SPECIFICATIONS





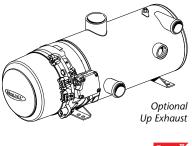
MODEL M50 M80 M90 M105 M125 RATING - BTU/hr (kW) 50,000 80,000 90,000 105,000 125,000 (15) (23) (26) (31) (37) SYSTEM VOLTAGE 24V 24V 24V 24V 24V CURRENT DRAW - Amps 5.2 5.2 5.2 9.5 9.5 FUEL CONSUMPTION 0.48 0.78 0.78 1.05 1.10 US gal/hr (L/hr) (1.80) (2.95) (2.95)(3.97) (4.16)**IGNITION TYPE Electronic Spark Ignition** FUEL TYPES Diesel (ULSD, #1, #2, Artic) JP8, Jet A1, Biodiesel B1-B20* COOLANT OUTPUT TEMP. +150°F to +185°F (+65°C to +85°C) Optional set points available Operating -40°F to +122°F (-40°C to +50°C) AMBIENT TEMPERATURE Non Operating -58°F to +185°F (-50°C to +85°C) 57.5 (26.1) 57.5 (26.1) 60 (27.2) WEIGHT - lbs (Kg) 53 (24) 53 (24) HEAT EXCHANGER CAPACITY 0.6 (2.3) 0.6 (2.3) 0.5 0.5 0.7 (2.6) U S gal (L) (2) (2) COOLANT SYSTEM: Minimum Capacity - US gal (L) 3 (11.4) 6 (22.7) 6 (22.7) 8 (30.3) 9 (31.4) Recommended Minimum 7.5 (28) 12 (45) 13.2 (50) 15.8 (60) 18 (68) Flow Rate Through Heater US gpm (lpm) Maximum Coolant Pressure 29 (2) 29 (2) 29 (2) 29 (2) 29 (2) PSI (BAR)

M-Series heater with install kit.



A removable burner head provides easy access for technicians and minimizes service down time.

Please Note: Optional set points available. Specifications are subject to change without notice. * Limited service life above B5, increased inspection frequency required.







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