






SPECIFICATIONS

CAUTION: CSA certified for use with only No. 1-K kerosene fuel.

Model	50KR	75KTR	125KTR	175KTR	210KTR
Burn Rate:	50,000 Btu/hr (14.7 kW)	75,000 Btu/hr (22 kW)	125,000 Btu/hr (37 kW)	175,000 Btu/hr (51 kW)	210,000 Btu/hr (61.5 kW)
Fuel Rate:	0.37 gal/hr (1.4 L/hr)	0.55 gal/hr (2.1 L/hr)	0.96 gal./hr (3.5 L/hr)	1.3 gal/hr (5.0 L/hr)	1.6 gal/hr (6.0 L/hr)
Electrical Input:	115V, 60Hz, 3.5a	115V, 60Hz, 4a	115V, 60Hz, 5.5a	115V, 60Hz, 5.5a	115V, 60Hz, 5.5a
Line Protection:	10 amps	10 amps	20 amps	20 amps	20 amps
Min. Operating Voltage:	110V	110V	110V	110V	110V
Pressure Setting:	3.5 psig (24 kPa)	4.2 psig (29 kPa)	5.1 psig (38 kPa)	6.8 psig (40 kPa)	8.2 psig (58.6 kPa)
Max. Outlet Temperature:	1450°F (787°C)	1450°F (787°C)	1450°F (787°C)	1450°F (787°C)	1450°F (787°C)
Fuel Tank Capacity:	4 gallons (15.1 L)	6 gallons (22.7 L)	8.45 gallons (32 L)	13.5 gallons (51 L)	13.5 gallons (51 L)
Ignition:	Direct Spark, Continuous	Direct Spark, Continuous	Direct Spark, Continuous	Direct Spark, Continuous	Direct Spark, Continuous
Spark Generator:	Igniter 13 kV, 10ma	Igniter 13 kV, 10ma	Igniter 13 kV, 10ma	Igniter 13 kV, 10ma	Igniter 13 kV, 10ma
Primary Safety Control:	Solid State Control	Solid State Control	Solid State Control	Solid State Control	Solid State Control
Certification:					

OPERATING PRECAUTIONS

This is a kerosene, direct-fired, forced air heater. It's intended use is primarily temporary heating of buildings under construction, alteration or repair.

Direct-Fired means that all of the combustion products enter the heated space. Even though this heater operates very close to 100 percent combustion efficiency, it still produces small amounts of carbon monoxide. Carbon monoxide (called CO) is toxic. CO can build up in a heated space and failure to provide adequate ventilation could result in death. The symptoms of inadequate ventilation are:

- headache
- dizziness
- burning eyes and nose
- nausea
- dry mouth or sore throat

Be sure to follow advice about ventilation in the Safety Precautions section.

Forced Air means that a blower or fan pushes the air through the heater. Proper combustion depends upon this air flow; therefore, the heater must not be revised, modified or operated with parts removed or missing. Likewise, safety systems must not be circumvented or modified in order to operate the heater.

When the heater is to be operated in the presence of other people the user is responsible for properly acquainting those present with the safety precautions and instructions, and of the hazards involved.

SAFETY PRECAUTIONS

1. Recommended for use with No.1-K kerosene fuel. Factory tested for use with No.2-K kerosene, No.1 or No.2 Diesel, No.1 or No.2 fuel oil or JP8 Jet A fuel and these fuels may be used as well. Never use gasoline, oil drained from crank cases, naphtha, paint thinners, alcohol or any other highly flammable fuels.
2. Check the heater thoroughly for damage. DO NOT operate a damaged heater.
3. DO NOT modify the heater or operate a heater which has been modified from its original condition.
4. For indoor use only. Not for use where exposed to weather.
5. Use in well ventilated areas, provide at least 2 sq. ft. (0.19 sq. m.) of opening near the floor and 2 sq. ft. (0.19 sq. m.) near the ceiling directly to outdoors. Increase air openings as marked for each additional heater.

6. Always keep combustibles, like paper and wood at least 8 ft. (2.4 m) from the heater outlet and 3 ft. (1.0 m) from the top, sides and inlet. Locate 10 ft. (3.0 m) from canvas or plastic coverings and secure them to prevent flapping movement.
7. Caution: Due to the high surface and exhaust temperatures, adults and children must observe clearances to avoid burns or clothing ignition. Do Not Touch. Keep children, clothing, and combustible away.
8. Install the heater such that it is not directly exposed to water spray, rain and / or water.
9. Never use in areas normally for habitation and /or where children may be present.
10. Operate only on a stable, level surface. (MH50KR & MH75KTR – See wood floor warning).
11. Do not use with duct work. Do not restrict inlet or exit.
12. Use only with electrical power specified. The electrical connection and grounding must comply with National Electrical Code – ANSI/NFPA 70 (USA) and CSA C22.1 Canadian Electrical Code, Part 1 (Canada).
13. Use only a properly grounded 3-prong receptacle or extension cord.
14. Do not move, handle, or service while hot or in operation
15. Use only in accordance with local, state (provincial) or national requirements, ordinances and codes.

OPERATING INSTRUCTIONS

UNPACKING

1. Remove heater from carton.
2. Remove all protective material which may have been applied to the heater for shipment.
3. Check the heater for possible shipping damage. If any damage is found immediately contact the manufacturer at 800-251-0001.

ASSEMBLY (For 125,000, 175,000 and 210,000 BTU/hr models only, see figure 1, page 8.)

Wheels and handles are found in the shipping cartor along with mounting hardware. The wheels, axle and mounting hardware are in a package. Tools required are a 5/16" nut driver, 3/8" open or adjustable wrench and standard pliers.

1. Assemble the wheels onto the wheel support as shown.
2. Install one of the cotter pins into the hole on one end of axle.