

Cabinet Heaters - Instruction Sheet

1. Safety Instructions



Read this instruction sheet before carrying out any work on this unit.



Only qualified personnel should install, maintain and clean the unit. Regular maintenance and cleaning intervals must be maintained to ensure that the unit remains in good working condition and has a long working life.



Danger from electrical shock! Only qualified personnel should install, maintain and clean the unit. The unit must be disconnected from the electrical supply during installation, maintenance and cleaning.



The outer surfaces of the heater will get warm during operation. Take caution to avoid accidental personal injury. Allow sufficient time for the surfaces to cool down prior to disconnecting the power supply.



Prior to doing any work on the unit, such as installation, maintenance and cleaning, the unit must be disconnected from the electrical supply.

2. Installation

The unit is to be mounted in a vertical position inside a metal enclosure that is protected from the ingress of dust, water and corrosive agents.



The unit is to be installed as low as possible in the enclosure to ensure that cooler air is drawn from the bottom, while the hotter air is discharged upward. **It is important to leave adequate space between the unit and other surfaces/equipment that might be sensitive to high temperatures or that might restrict the airflow through the unit.**

3. Technical Data

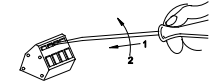
Part No.	Heating Power [W]	Voltage [V]	Current [A]	Airflow [CFM]	Dimensions (HxWxD) [inch]	L [inch]
KSEHT125	125	115	1.2	16	5.5x4.0x4.5	5
KSEHT200	200	115	1.9	16	5.5x4.0x4.5	5
KSEHT400	400	115	3.6	26	7.5x4.0x4.5	7
KSEHT800	800	115	7.1	26	7.5x4.0x4.5	7
K2SEHT125	125	230	0.7	16	5.5x4.0x4.5	5
K2SEHT200	200	230	1.0	16	5.5x4.0x4.5	5
K2SEHT400	400	230	1.9	26	7.5x4.0x4.5	7
K2SEHT800	800	230	3.6	26	7.5x4.0x4.5	7

4. Electrical Connections

To ensure that proper current and voltage ratings are met, check the unit nameplate before connecting to the power supply. Use wires rated at 194°F or more to supply the unit.

The electrical connections to the terminal block are to be as follows:

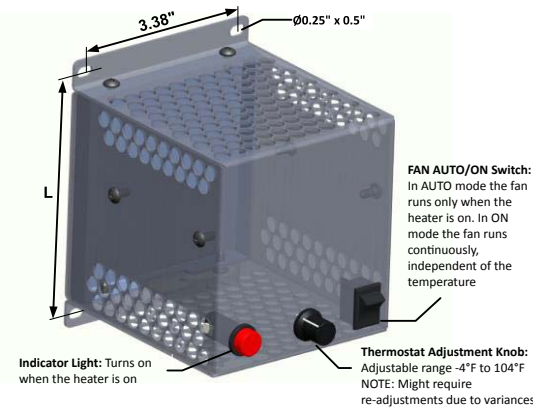
115V		230V	
1	LIVE	1	LIVE
2	GROUND	2	GROUND
3	NEUTRAL	3	LIVE



NOTE: The unit does not have an ON/OFF switch

5. Unit Controls

The heater element is controlled by the adjustable thermostat which will turn off the heater when the set cabinet temperature has been achieved. The heater will turn on again once the cabinet temperature falls below the set point. The indicator light will show when the heater is on/off. The operation of the fan will depend on whether the switch is set to AUTO or FAN ON mode.



Additionally, the heater element has an over-temperature thermostat that will turn off the heater when the outlet temperature becomes excessively high as a result of a fan failure or blocked airflow.



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