CABINET HEATERS - INSTRUCTION SHEET



1. Safety Instructions

Read this instruction sheet before carrying out any work on the unit.
Only specialized personnel are allowed to install, maintain and clean the unit.
Regular maintenance and cleaning intervals must be kept to in order to ensure that the unit remains in perfect working condition and has a long working life.



Danger from electrical voltage!



Only specialized personnel are allowed to install, maintain and clean the unit. The personnel must ensure that for the duration of installation, maintenance, and cleaning, the unit is disconnected from the electrical supply.



The outer surfaces of the heater might get warm during operation! Care is to be taken to avoid accidental personal injury. Enough time is to be allowed for the surfaces to cool down after the power supply has been disconnected.



The personnel must ensure that while doing any work on the unit, such as installation, maintenance, and cleaning, the unit is disconnected from the electrical supply.

2. Installation

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

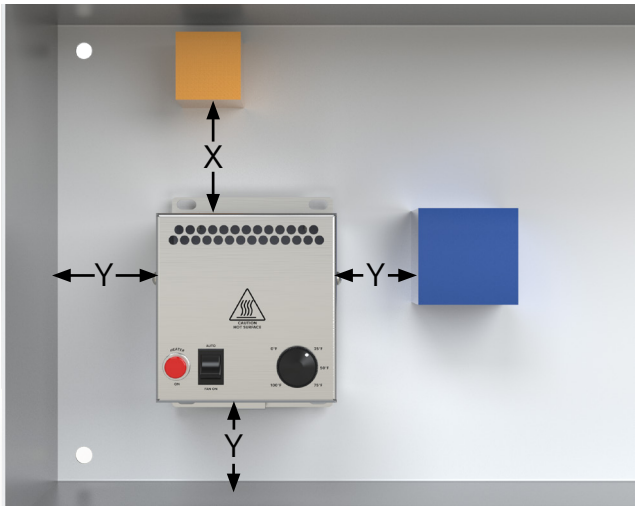


The unit is to be installed as low as possible in the enclosure to ensure that cooler air is absorbed from the bottom while the hotter air is enthused upwards. It is important to leave enough space between the unit and other surfaces/equipment that might be sensitive to high temperatures or that might restrict the air flow through the unit.

3. Technical Data

Part No.	Heating Power (W)	Voltage 50/60Hz (V)	Current (A)	Airflow (CFM)	Dimensions (HxWxD) [inch]	B [inch]	L [inch]	X Min [inch]*	Y Min [inch]*	Operating Temp [F]	Operating Temp [C]	Relative Humidity [%]	Altitude
SCE-HF1251A	125	115	1.2	16	5.5x4.0x4.5	3.38	5	4	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF2001A	200	115	1.9	16	5.5x4.0x4.5	3.38	5	4	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF4001B	400	115	3.6	26	7.5x4.0x4.5	3.38	7	6	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF8001B	800	115	7.1	26	7.5x4.0x4.5	3.38	7	8	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF13001C	1300	115	10.8	49	7.5x5.0x6.0	3.94	7	8	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF1252A	125	230	0.7	16	5.5x4.0x4.5	3.38	5	4	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF2002A	200	230	1.0	16	5.5x4.0x4.5	3.38	5	4	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF4002B	400	230	1.9	26	7.5x4.0x4.5	3.38	7	6	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF8002B	800	230	3.6	26	7.5x4.0x4.5	3.38	7	8	1	-40° - +158°	-40° - +70°	10 - 80	N/A
SCE-HF13002C	1300	230	5.7	49	7.5x5.0x6.0	3.94	7	8	1	-40° - +158°	-40° - +70°	10 - 80	N/A

* Diagram on page 2.



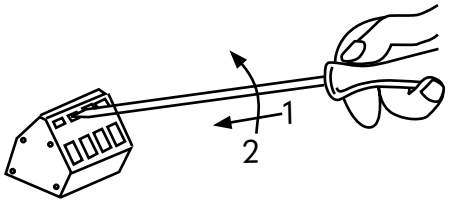
*Objects above and to the side are shown to represent other components.

4. Electrical Connections

Check the unit's serial label before connecting it to the power supply to ensure that current and voltage ratings are met. Use wires rated for operation at 90°C or more to supply the unit.

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

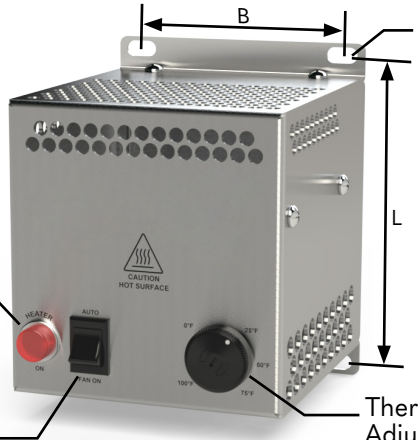
1 LIVE
⏚ Earth
3 Neutral



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 value. 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 modes.



Indicator Light: Turns on when the heater is on.

Fan AUTO/ON switch:
In AUTO mode the fan runs only when the heater is on. In ON mode the fan runs continuously independent of the temperature.

Thermostat Adjustment knob:
Adjustable range 0°F to 100°F
NOTE: Might require readjustments due to variances.

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.