

FLHTF Series - - ICP/Enclosure Heater

Consult Accompanying Documents



The FLHTF Series Heaters (ICP/Enclosure type) are approved to the following specifications;

- cULus Recognized to UL 508A (Industrial Control Panel Enclosure Heaters), & C22.2 No. 14-13 (Industrial Control Equipment). Category NITW2 / NITW8.
- CSA Certified to CSA C22.2 No. 88:19 (Industrial Heating Equipment). Class 2871-02.

Please refer to the Hammond Mfg Co Ltd webpage for up to date details, as well as the units nameplate or label for specific approval markings, ratings, and warnings.

Model #'s in this Series:

FLHTF125A115 – 120Vac, 60Hz, 125W

FLHTF200A115 – 120Vac, 60Hz, 200W

FLHTF400A115 – 120Vac, 60Hz, 400W

FLHTF800A115 – 120Vac, 60Hz, 800W

FLHTF1300A115 – 120Vac, 60Hz, 1300W

FLHTF125A230 – 220/240Vac, 50/60Hz, 105/125W

FLHTF200A230 – 220/240Vac, 50/60Hz, 165/200W

FLHTF400A230 – 220/240Vac, 50/60Hz, 335/400W

FLHTF800A230 – 220/240Vac, 50/60Hz, 670/785W

FLHTF1300A230 – 220/240Vac, 50/60Hz, 1080/1300W

Please observe the following Cautions



-  Do not connect these heater units to an ungrounded source. Modifying or bypassing the ground connection for use in a non-grounded circuit may lead to electrical shock, and is not recommended.
- Please refer to the accompanying Operation and Installation Instruction sheet (included with each unit), regarding the general guidelines for use and installation.
- Engineering Consideration - - For use in products/equipment where the acceptability of the combination is determined by Underwriters Laboratories and/or CSA International. See below for the general “**Conditions of Acceptability**”:
 1. These devices shall be used within their recognized ratings as specified above.
 2. The suitability of the mounting means shall be determined in the end use.
 3. These devices were tested with its adjustable thermostat set at 40°C (maximum).
 4. These devices shall be mounted in enclosures having adequate strength and thickness in the intended manner and with acceptable spacings being provided.
 5. These devices have been investigated for factory wiring only.
 6. The front face has not been evaluated as an ultimate or overall enclosure.

Built In Protection:

- All FLHTF Series Enclosure Heaters feature internal thermal protection. In the event of an 'overheat' condition and/or fan failure, the automatic reset temperature limit switch will open (TCO disc), disconnecting power to the heating element.
- Should the thermal protection circuit open (TCO disc) due to excessive heat, the heating element unit will not restart until the temperature within the enclosure has dropped below the safety/preset temperature limit.

Environmental Conditions for Operation, Transport and Storage:

- Transport the unit in the original carton and packing material.
- These units have environmental requirements similar to other electrical equipment. They are designed for interior use and are to be used and stored in dry locations.
- Do not expose to rain, excessive moisture (non-condensing), dust / dirt, or other sources of contaminants.
- These units have been investigated to be used within an operational temperature range as noted below, based on the integral ratings of the critical components employed within the unit.
 - o For Operating Temperature, do not expose to temperatures below -20°C or above +70°C (-4°F to 158°F).
 - o For Storage Temperature, do not expose to temperatures below -30°C or above +100°C (-22°F to 212°F).

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