

NATIONAL PLASTIC HEATER, SENSOR & CONTROL INC.

TOLL FREE: 1-877-674-9744



Enclosure Heaters are Designed for Freeze and Condensation Protection. Keep Mechanical/Electrical Components Functioning in ATM's, Electrical Power Enclosures/Panels, Automatic Doors and Traffic Signal Control Boxes/Lights.

ENCLOSURE HEATER DATA SHEET

DESCRIPTION

Enclosure Heaters are Designed for Freeze and Condensation Protection. Keep Mechanical/Electrical Components Functioning in ATM's, Electrical Power Enclosures/Panels, Automatic Doors and Traffic Signal Control Boxes/Lights. As standard stock items, enclosure heaters can be supplied at 25,50,100 and 200 watt, for 120V or 240V supply. Heater assemblies can be supplied with either integral or remote 15c / 60F air temperature sensing thermostats.



FEATURES & BENEFITS

- Manufactured using etched foil technology for precise, even heating
- Integral or remote air temperature sensing thermostats ensure heater operation in condensation forming and other air heating application conditions.
- Heaters supplied pre attached to mounting plate for easy installation
- Heaters available with UL / CSA component recognition
- Short lead times



APPLICATIONS

- ATM's
- Temperature control panels
- Control valve housings
- Security/surveillance systems
- Anti condensation
- Frost protection



NATIONAL PLASTIC HEATER, SENSOR & CONTROL INC.

TOLL FREE: 1-877-674-9744



Enclosure Heaters are Designed for Freeze and Condensation Protection. Keep Mechanical/ Electrical Components Functioning in ATM's, Electrical Power Enclosures/Panels, Automatic Doors and Traffic Signal Control Boxes/Lights.

ENCLOSURE HEATER DATA SHEET

CHARACTERISTICS

Etched foil heaters have a good resistance to the following; photodegradation, weathering, fungus & bacteria, acetone, alcohol, formic acid, brake fluid, acetic acid, greases, hydrochloric acid 10%, sulphuric acid 10%, waxes and plasticisers. In addition to this, the heaters have adequate gas permeability and good steam resistance up 130°C and 2.5 bar respectively.

INSTALLATION

The enclosure heaters are factory fitted to aluminum mounting plate that allows for easy installation. The mounting surface is perpendicular to the heater and has two mounting holes. Heaters with integral thermostat should be vertically mounted with the sensor towards the base of the enclosure.

THERMOSTAT SPECIFICATION

Close 5C +/-3, open 15C +/-3
Close 40F +/-5, open 60F +/-5
Rated for 100,000 cycles at 10amps 250V / 15amps 120V

WATTS	HEATED SURFACE	PLATE SIZE	MOUNTING SURFACE
25	2 x 5" (50 x 125mm)	2.5 x 5 (63 x 127mm)	0.5 x 5 (12 x 127mm)
50	2 x 5" (50 x 125mm)	2.5 x 5" (63 x 127mm)	0.5 x 5" (12 x 127mm)
100	2 x 10" (50 x 250mm)	2.5 x 10" (63 x 254mm)	0.5 x 10" (12 x 254mm)
200	4 x 10" (100 x 250mm)	4.5 x 10" (114 x 254mm)	0.5 x 10 (12 x 254mm)



Request For Quotation

Click Here: <https://www.kapton-silicone-flexible-heaters.com/rfq/quotation.html>

www.nph-processheaters.com
www.kapton-silicone-flexible-heaters.com
www.nphheaters.com

5839, 16TH SIDEROAD, SCHOMBERG, ONTARIO, L0G 1T0, CANADA
sales@nphheaters.com
TEL: 905-859-8225