

AFFUGTNINGSVARMELEGEMER



KABINETVARMELEGEMER

APPLICATIONS:

Holroyd Components supply enclosure heaters for protection against frost and condensation in enclosure's containing electronic equipment such as ATM's, temperature control panels and control valve housings.

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.

MAIN POINTS:

- 25, 50, 100 and 200 watt heaters available @120V
- 50, 100 and 200 watt heaters available @240V
- Manufactured using etched foil technology for precise, even heat.
- Integral or remote air temperature sensing thermostats ensure heater operation in condensation forming and other air heating application conditions.
- Short lead times
- Heaters supplied pre attached to mounting plate for easy installation
- Heaters available with UL/CSA component recognition



| MODEL | VOLTS | WATTS |
|--|-------|-------|
| With mounted thermostat (60°F / 15°C) | | |
| HOL001-2045 | 120 | 25 |
| HOL001-2046 | 120 | 50 |
| HOL001-2047 | 120 | 100 |
| HOL001-2048 | 120 | 200 |
| HOL001-2050 | 240 | 50 |
| HOL001-2051 | 240 | 100 |
| HOL001-2052 | 240 | 200 |
| Without mounted thermostat | | |
| HOL001-2057 | 120 | 25 |
| HOL001-2058 | 120 | 50 |
| HOL001-2059 | 120 | 100 |
| HOL001-2060 | 120 | 200 |
| HOL001-2061 | 240 | 50 |
| HOL001-2062 | 240 | 100 |
| HOL001-2063 | 240 | 200 |
| Remote air temperature thermostat (60°F / 15°C) | | |
| HOL001-2064 | - | - |

CHARACTERISTICS:

Enclosure heaters have a good resistance to the following; photodegradation, weathering, fungus and bacteria, acetone, alcohol, formic acid, bake 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 to 130C and 2,5 bar respectively.

Installation:

The enclosure heaters are factory fitted to an aluminium 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 sensors towards the base of the enclosure.

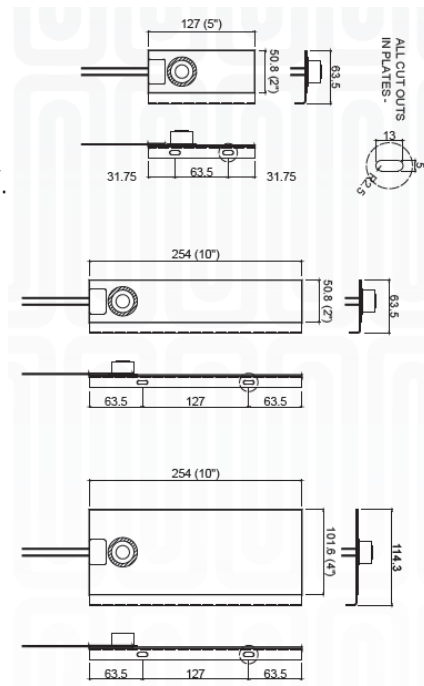
Thermostat specification:

Close 5C +/-3, open 15C +/-3

Close 40F +/-5, open 60F +/-5

Rated for 100,000 cycles @ 10 amps 250V/15amps 120V.

| WATTS | DIMENSIONS | | |
|---|-----------------------|-------------------------|------------------------|
| | 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) |
| Remote air temperature thermostat (60°F / 15°C) | | | |
| Standard lead length 40" (1000mm), with pressure sensitive adhesive | | | |



DETERMINNING MINIMUM RECOMMENDED WATTAGE:

| TEMPERATURE ABOVE AMBIENT | TOTAL ENCLOSURE SURFACE AREA (FT ² / M ²) | | | | | | | | | | | | | |
|-------------------------------|--|----------|----------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 2 / 0.19 | 3 / 0.28 | 4 / 0.37 | 5 / 0.46 | 6 / 0.56 | 7.5 / 0.7 | 9 / 0.84 | 10 / 0.93 | 15 / 1.39 | 20 / 1.86 | 25 / 2.32 | 30 / 2.79 | 40 / 3.72 | 50 / 4.65 |
| Uninsulated Enclosures | | | | | | | | | | | | | | |
| 20°F / 11°C | 30W | 40W | 55W | 70W | 80W | 100W | 120W | 135W | 205W | 270W | 335W | 405W | 540W | 670W |
| 40°F / 22°C | 55W | 80W | 110W | 135W | 160W | 200W | 245W | 270W | 405W | 540W | 670W | 805W | 1075W | 1340W |
| 60°F / 33°C | 90W | 120W | 160W | 205W | 245W | 300W | 365W | 405W | 605W | 805W | 1005W | 1210W | 1610W | 2010W |
| 80°F / 44°C | 110W | 160W | 215W | 270W | 325W | 400W | 485W | 540W | 805W | 1075W | 1340W | 1610W | 2145W | 2680W |
| 100°F / 55°C | 135W | 200W | 270W | 335W | 405W | 500W | 605W | 670W | 1005W | 1340W | 1675W | 2010W | 2680W | 3350W |
| Insulated Enclosures | | | | | | | | | | | | | | |
| 20°F / 11°C | 10W | 10W | 15W | 20W | 20W | 25W | 30W | 35W | 50W | 65W | 80W | 100W | 130W | 160W |
| 40°F / 22°C | 15W | 20W | 30W | 35W | 40W | 50W | 60W | 65W | 100W | 130W | 160W | 195W | 260W | 320W |
| 60°F / 33°C | 20W | 30W | 55W | 57W | 60W | 75W | 90W | 100W | 145W | 195W | 240W | 290W | 385W | 480W |
| 80°F / 44°C | 30W | 40W | 55W | 65W | 80W | 100W | 115W | 130W | 195W | 260W | 320W | 320W | 515W | 640W |
| 100°F / 55°C | 35W | 50W | 65W | 80W | 100W | 125W | 145W | 160W | 240W | 320W | 400W | 400W | 640W | 800W |



ELVARME

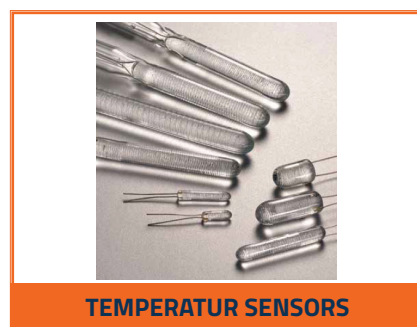
VORES PRODUKTSORTIMENT INKLUDERER:



AIR WARMERS



TERMOSTATER



TEMPERATUR SENSORS



ELPATRONER



ROBUST - DEMANDING EVIROMENTS



AFFUGTNING

VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



AUTOMATIK



**HVAC & BYGNINGS-
AUTOMATIK**



KØLEPROFILER

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