



CP HORIZOTHERM Electric Heater



1 Application

- Heating of instrument enclosures in hazardous areas, designed for
- freeze protection
- condensation protection
- for compact spaces

2 Special Features & Advantages

- Horizontal design allows for optimum installation of the heater underneath the instrument in the enclosure
- Vertical or Horizontal installation
- High heat transfer capabilities due to the large surface area of the black anodized aluminum ribbed fins
- Freeze protection thermostat with junction box can be provided
- 'BI' approved (CSA/ATEX) configuration available

3 Description

The CP HORIZOTHERM heater consists of a block with fins and a connection cable. A fixed resistance heating cartridge heats the block. The heat is transferred from the fins to the surrounding air.

Controllers such as TSxx or TC switch off the heater in case of high temperatures inside the box.

Ensure effective convection by observing the recommended clearances. Take care not to cover the fins. For any specific applications requiring high temperature maintenance we will be pleased to select the suitable combination of heater and controller.

A temperature indicator shows potential problems and failures at an early stage (e.g. incorrect installation). Please check the application if more than 3 fields have irreversibly changed to black.



Warranty null and void if Heater strip has been removed from Heater.



4 Explosion Proof

CSA certificate	File # 1655545 (LR43674)
CSA Type of protection	Cl. 1, Div. 1, Gp ABCD T3

5 Technical Data

Ingress protection	IP68
Nominal voltage	120 V AC
Connection cable	3 x 1,5 mm ² , 8,1 mm Ø
Conduit connection	½" NPT
Length of cable	39" / 1 m
Length, width, height	6.1"/ 155 mm, 6.0"/ 152 mm, 1.6"/ 40 mm
Material	seawater-proof aluminium, black anodized

All INTERTEC explosion-proof heaters can also be provided in IEC, ATEX and EAC Standard.

6 Types

HORIZOTHERM	CNA 100/ 40	CNA 150/ 40	CNA 200/ 40
Temperature Class	T3		
Nominal power [W]	100	150	200

7 Options

TSxx Kit	Thermostat with junction box
3M	Connection cable 3 m long

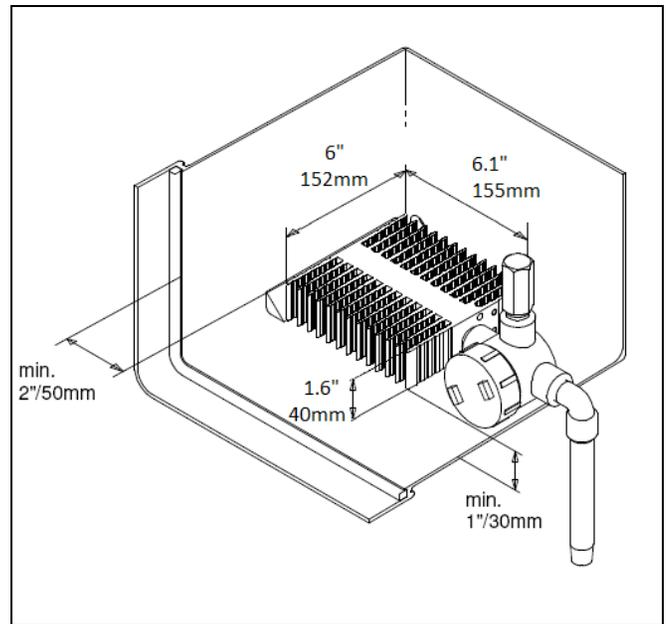
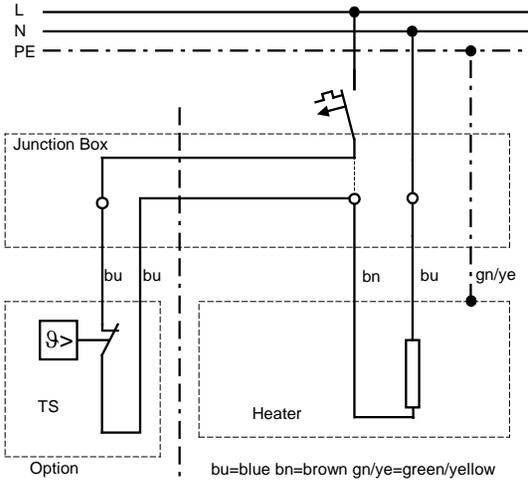
Note:

Other voltage configurations are available. Please contact INTERTEC for details.



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8 Electric Wiring



9 Dimensions

