Tubular Enclosure Heaters

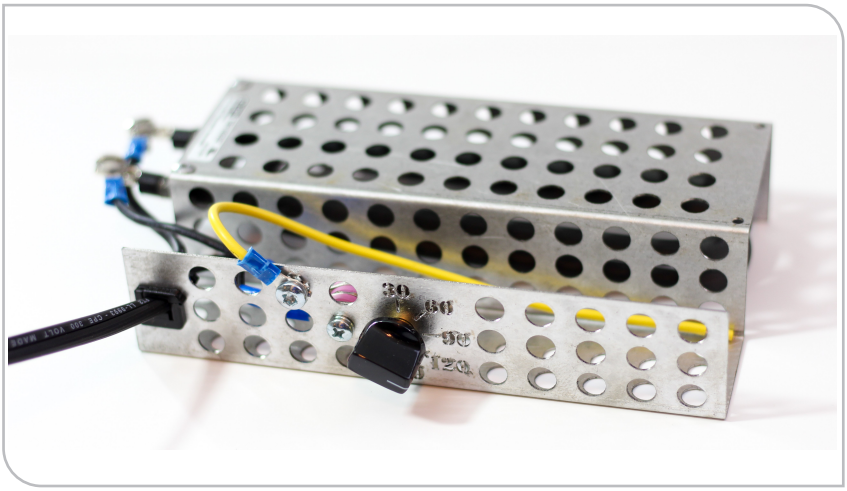
Design Information

• Tubular heaters with integrated adjustable thermostat are intended to be used to provide thermal and/ or humidity regulation within enclosures.

Characteristics

- Tubular resistance heaters provide fixed power output, no matter the operating conditions.
- Required enclosure temperature can be easily set by adjusting knob on thermostat.

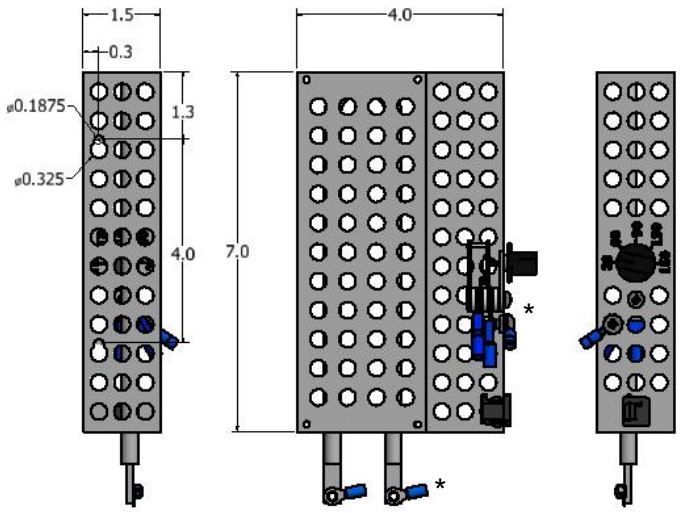
DBK's knowledge of thermal management gives us the experience to guide and support you with your technical challenges - we can manage the complete project from concept to full production release.



Model No.	Power / W (+5/-10%)	Voltage / V	Current / A
TBH100202	100	120	0.83
TBH100203	200	120	1.67
TBH100204	300	120	2.5
TBH100205	400	120	3.33
TBH100206	500	120	4.17
TBH100207	100	240	0.42
TBH100208	200	240	0.83
TBH100209	300	240	1.25
TBH100210	400	240	1.67
TBH100211	500	240	2.08

Layout

Wires not shown for clarity



Construction

- All models are identical size/construction
- Frame made of Aluminized steel for durability
- Operating Temp range 0°F to 194°F.
- Thermostat 120/240V 15A/10A 100,000 cycles (UL 30,000 @ 240V)
- Thermostat Tolerance ±5% or 10°F whichever is greater

Wiring

- 16awg HPN power cord - 36"
- 16awg Ground wire - 10"

Installation

- Keyholes are provided for ease of mounting in application.
- The thermostat can be adjusted to turn off the heater at any required set point between 30°F and 150°F
- Heater should be grounded to suitable point in enclosure using 16awg Ground wire supplied

* Heater Terminals and Thermostat body are electrically live - Do not touch when voltage is applied to heater

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DBK Group
Industrial Thermal Management

Further Information:
www.dbkusa.com