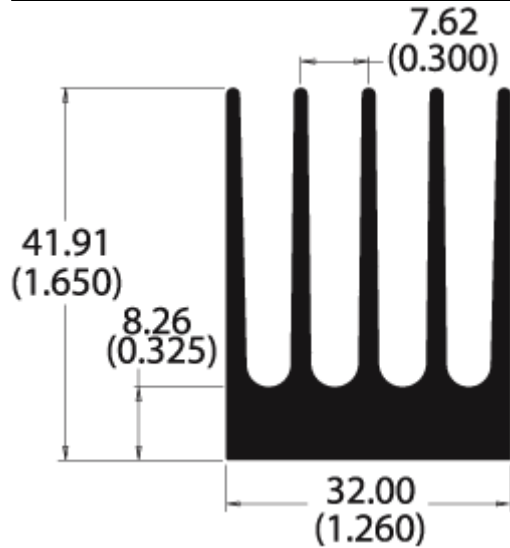




**AAVID  
THERMALLOY**

ONE COOL IDEA AFTER ANOTHER

|  | Part Number | Thermal Resistance<br>°C/W at 3in length | Width<br>in | Height<br>in | Surface Area<br>in²/in | Weight<br>lb/ft | Part Class |
|-----------------------------------------------------------------------------------|-------------|------------------------------------------|-------------|--------------|------------------------|-----------------|------------|
|                                                                                   | 65245       | 4.43                                     | 1.26        | 1.65         | 15.8                   | 1.10            | A          |

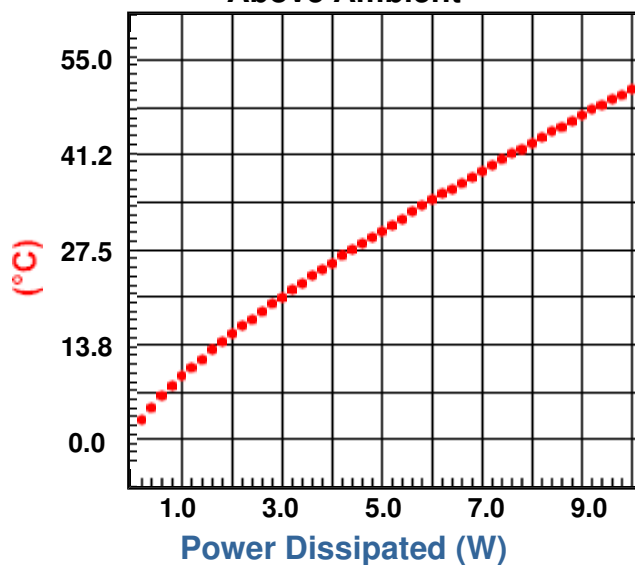


Thermal Curves  
based on 3.000 in length

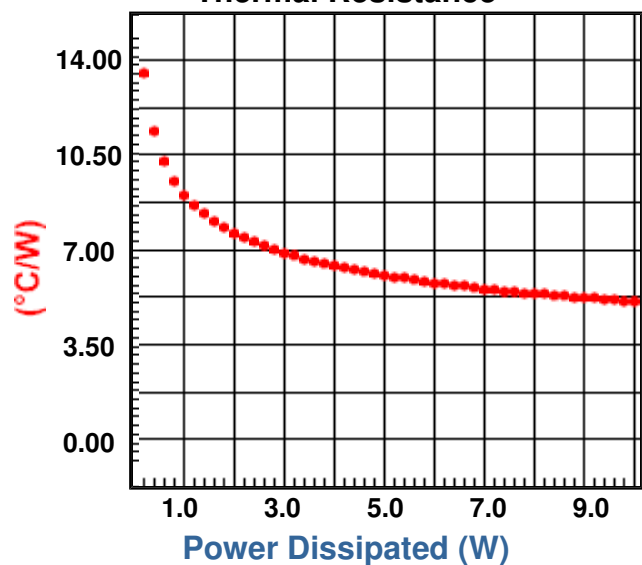
New Length  ☒ in ☐ mm

## Natural Convection

**Heat Sink Temperature Rise  
Above Ambient**

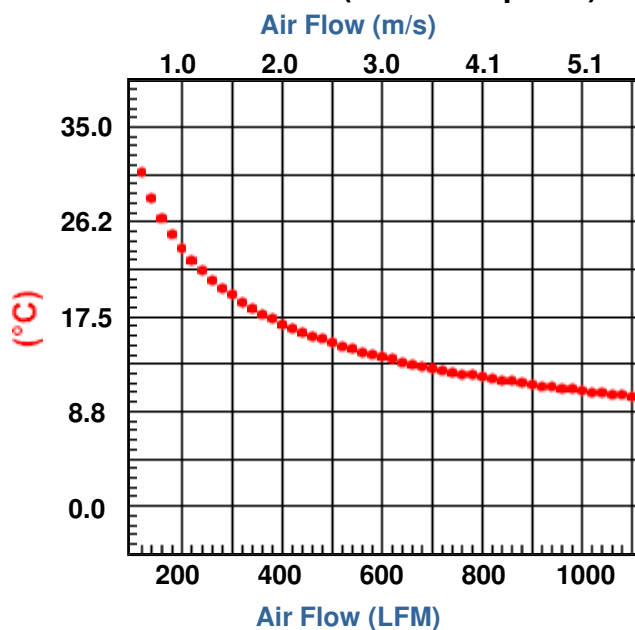


**Heat Sink  
Thermal Resistance**

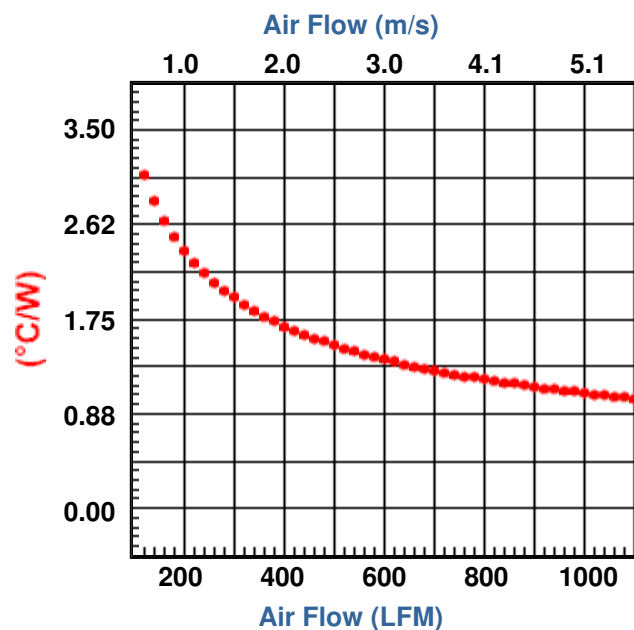


## Forced Convection

**Heat Sink Temperature Rise  
Above Ambient (10W Dissipated)**



**Heat Sink  
Thermal Resistance**



## Building a Part Number

Full Bar Length = 8.00ft

| Base Part # | Bar Length | Finish                                                                                                       | Length<br>(use zeros for full or half bars)                                            |
|-------------|------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 65245       | 1 Full     | <u>F</u> Unfinished                                                                                          | 0 0 0 0 0                                                                              |
|             | 2 Half     | <u>F</u> Unfinished                                                                                          | 0 0 0 0 0                                                                              |
|             | 3 Custom   | <u>B</u> Black Anodized<br><u>C</u> Gold Chromate<br><u>U</u> Unfinished*<br><u>V</u> AavSHIELD <sup>3</sup> | <i>indicate length in inches<br/>to three decimal places;<br/>1 5 2 5 0 = 15.250 "</i> |

65245      —      —      —      —      —

\*For unfinished extrusions with cut lengths other than half bar, the finish designation is a U.

Standard Aavid Thermalloy parts require all 12 positions to be complete.

## Non-Standard Extrusions

Aavid Thermalloy has over 10,000 extrusion profile designs on file, most with the extrusion die already available. These parts have minimum order requirements and longer lead times, but may be cost effective compared to a new design.

## Customizing & Advanced Capabilities

We offer several options for those applications which require a more unique solution. Challenge us with your thermal requirements - we can design custom solutions.

**For technical help with our Products,  
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