

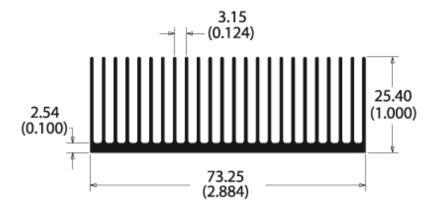
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#### 73925

This part is in stock!				
Inventory Snapshot:	8 feet*			
*Material in stock maybe a	allocated to other orders and is su	ubject to prior sales		
OEM Pricing*				
<b>8 feet:</b> \$93.75 per foot	<b>16 feet:</b> \$46.88 per foot	<b>32 feet:</b> \$23.44 per foot		
*For larger quanities, pleas	se contact our sales department			

Part Number	Thermal Resistance °C/W at 3in length*	Width in	Height in	Surface Area in <sup>2</sup> /in	Weight lb/ft	Part Class
73925	1.45	2.88	1.00	48.2	1.20	Α

<sup>\*</sup>Based on a 75°C rise in natural convection



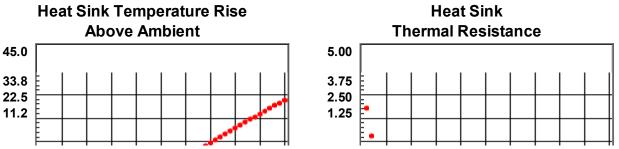
# Thermal Curves

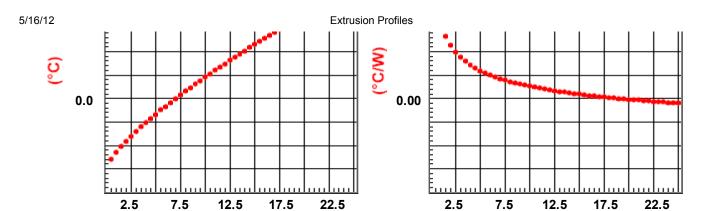
based on 3.000 in length

New Length 3.000 • in • mm

Change Length

#### **Natural Convection**





## **Forced Convection**

# Heat Sink Temperature Rise Above Ambient (25W Dissipated)

**Power Dissipated (W)** 

# Thermal Resistance

Air Flow (m/s)						
	1.0	2.0	3.0	4.1	5.1	
37.5						

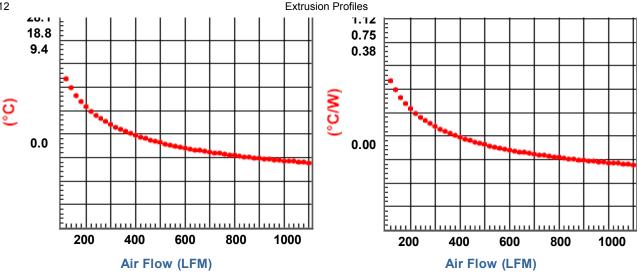
_	1.0	2.0	3.0	4.1	5.1
1.50					

**Heat Sink** 

Air Flow (m/s)

**Power Dissipated (W)** 





## **Building a Part Number**

Full Bar Length = 8.00ft

Base Part#	Bar Length	Finish	Length (use zeros for full or half bars)	RoHS	
base part # $\frac{2}{3}$	1 Full (normally 8-ft)	<u>F</u> Unfinished	00000	Compliant	
	2 Half (small cut fee)	<u>F</u> Unfinished	00000	NO "G" required	
	3 Custom (cut to specified length)	B Black Anodized U Unfinished* V AavSHIELD <sup>3</sup>	length <b>in inches</b> to three decimal places**	Compliant Add "G"	
		C Gold Chromate		Not Compliant	

	_	_		_
73925	3	U	06500	G

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

#### Examples:

If you wanted to simply order extrusion # 73925 in standard bar form, the part number would be: 739251F00000. The unit price would be sold by the foot.

If you wanted extrusion 73925 cut to a length of 6.500" and black anodized, the part number would be: 739253B06500G. The unit price would be by the piece.

If you wanted extrusion 73925 cut to a length of 14.725" and a wash finish, the part number would be: 739253U14725G. The unit price would be by the piece.

If you wanted extrusion 73925 cut to a length of 14.725" and Gold Chromate finish, the part number would be: 739253C14725. The unit price would be by the piece.

Standard Aavid Thermalloy parts require all 12-13 positions to be complete.

<sup>\*\*</sup>If the part is less than 10 inches, the first of these 5 digits (digit 7 of the 13 digit series) would be a zero (0).

5/16/12 Extrusion Profiles

### **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.

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# **X-ON Electronics**

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