



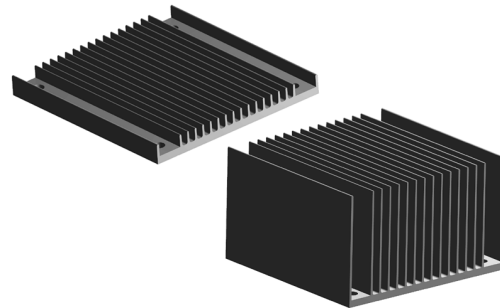
# AAVID THERMALLOY

## Heat Sinks for Half Brick DC/DC Converters

RoHS   
Compliant

### STANDARD THERMAL SOLUTIONS FOR HALF BRICK CONVERTERS

Aavid Thermalloy heat sinks are designed for engineers seeking a complete off-the-shelf cooling solution for industry standard half brick converters. Unlike other converter heat sinks, Aavid designs feature thin fin geometry which increases thermal performance and reduces pressure drop. In addition, all heat sinks are ready for mounting with interface material pre-applied which streamlines procurement and assembly.



#### APPLICATION NEED:

- *Maximum Performance*
- *Low Pressure Drop*
- *Fits industry standard Half Brick modules*
- *Optimal configuration*
- *Simple assembly*

#### FEATURES AND BENEFITS:

- *High fin density has more surface area for better heat transfer in less space*
- *Thin fin geometry improves system airflow and reduces fan costs.*
- *Hole pattern fits 1/2 brick DC/DC Converters from top manufacturers like Delta, Emerson and Tyco*
- *Lengthwise and crosswise fin orientations in three fin heights to allow a precise match to the application*
- *High performance QPad3™ interface pad saves time and optional hardware kit provides the complete solution under a single part number*

#### ORDERING INFORMATION:

Part Number	Fin Configuration	"H" height	Figure
241202B91200G	Lengthwise	6.1 (0.24)	A
241204B91200G	Lengthwise	11.4 (0.45)	A
241214B91200G	Lengthwise	35.6 (1.40)	A
241202B92200G	Crosswise	6.1 (0.24)	B
241204B92200G	Crosswise	11.4 (0.45)	B
241214B92200G	Crosswise	35.6 (1.40)	B

#### Optional Hardware Kit:

Four M3 x 0.5 x 8 screws with captive lock washer individually bagged

Use code 03 in the 11th & 12th digit

Example: 241202B92203G

Hardware Kit included

Q-pad is a registered trademark of the Bergquist Company

FOR MORE INFORMATION, VISIT OUR WEB SITE: [WWW.AAVIDTHERMALLOY.COM](http://WWW.AAVIDTHERMALLOY.COM)  
TEL: (603) 224-9988



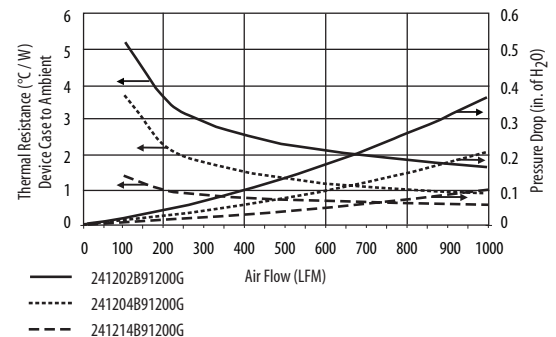
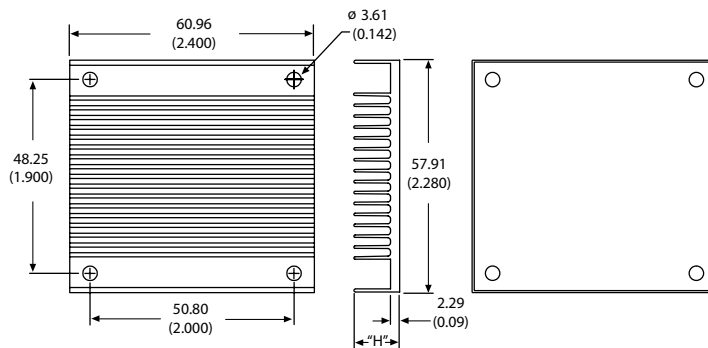
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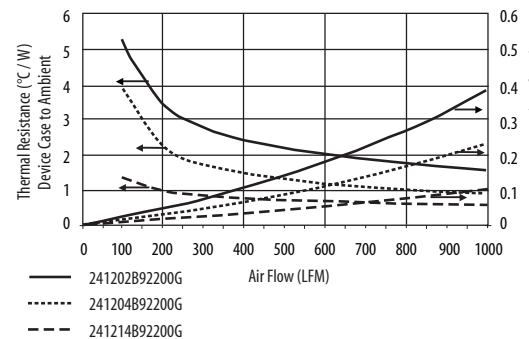
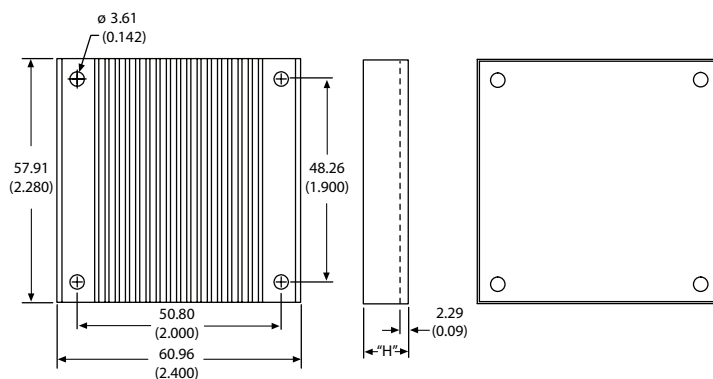
### Lengthwise AirFlow

Figure A



### Crosswise AirFlow

Figure B



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