



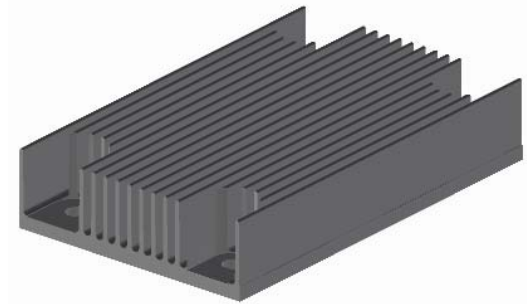
AAVID  
THERMALLOY

## Heat Sinks for Quarter Brick DC/DC Converters

RoHS   
Compliant

### STANDARD THERMAL SOLUTIONS FOR QUARTER BRICK CONVERTERS

Aavid Thermalloy heat sinks are designed for engineers seeking a complete off-the-shelf cooling solution for industry standard quarter 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 Quarter Brick modules*
- *Optimal configuration*
- *Simple assembly*

#### FEATURES AND BENEFITS:

- *High fin density has more surface area for heat transfer, despite small foot print.*
- *Thin fin geometry improves system airflow and reduces fan costs.*
- *Hole pattern fits 1/4 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 |
|---------------|-------------------|-------------|--------|
| 241402B91200G | Lengthwise        | 6.0 (0.24)  | A      |
| 241404B91200G | Lengthwise        | 11.4 (0.45) | A      |
| 241409B91200G | Lengthwise        | 22.9 (0.90) | A      |
| 241402B92200G | Crosswise         | 6.0 (0.24)  | B      |
| 241404B92200G | Crosswise         | 11.4 (0.45) | B      |
| 241409B92200G | Crosswise         | 22.9 (0.90) | B      |

#### Optional Hardware Kit:

Four M3 x 0.5 x 4.5 screws with captive lock washer individually bagged

Use code 03 in the 11th & 12th digit

Example: 241409B92203G

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



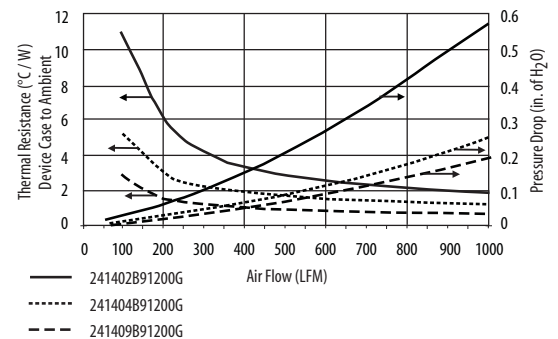
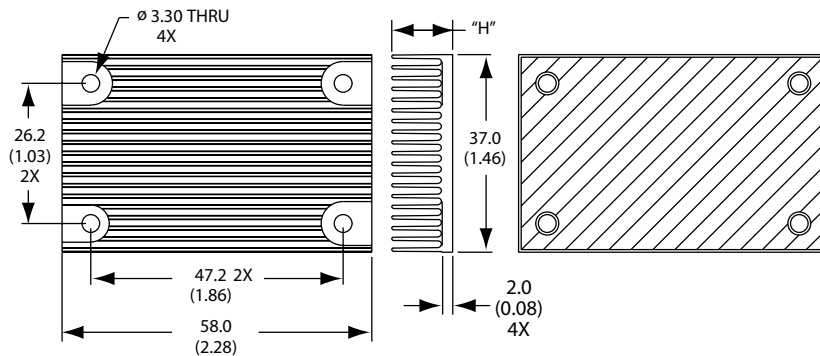
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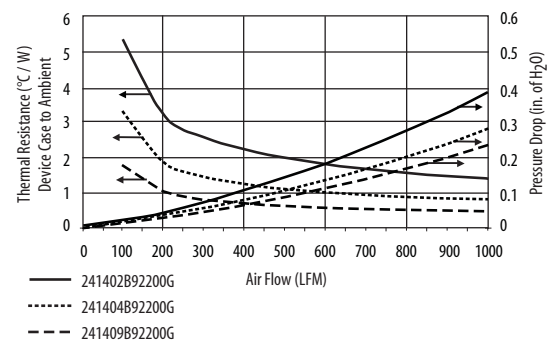
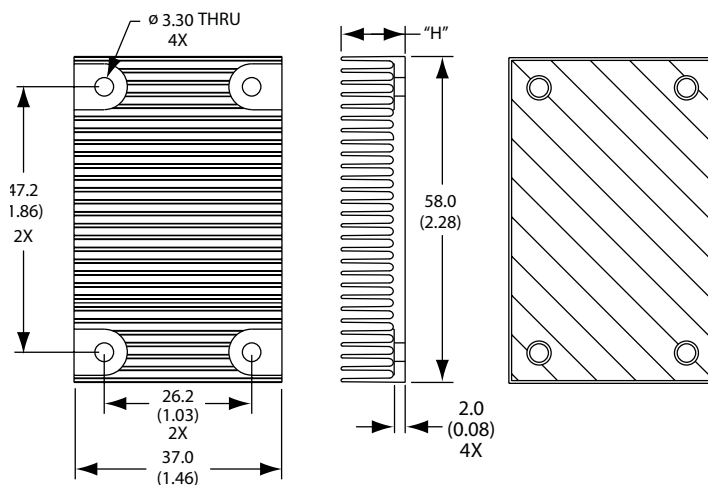
### Lengthwise AirFlow

Figure A



### Crosswise AirFlow

Figure B



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