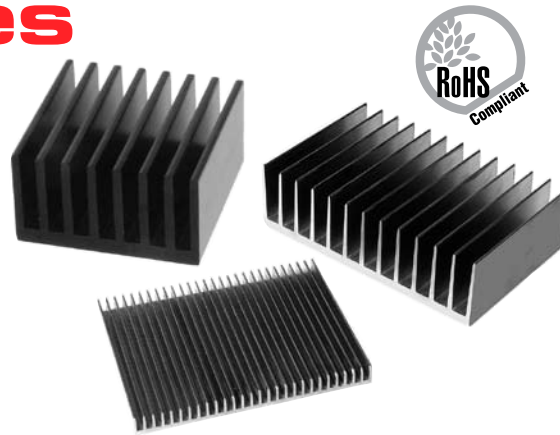


AH Series

Extrusion Heatsinks

FEATURES

- Many other extrusion profiles available. Contact Ohmite with your requirements
- Multiple finishes available
- Modifications available: screw holes, bolt patterns, milling per customer specifications



This product has been
DISCONTINUED

The AH Series heatsink extrusion offering has been discontinued on **December 2018**. Please review the **HS series heatsinks** for mounting your Aluminum housed resistors. Please contact Ohmite Techsupport for custom heatsink or extrusion applications.

SERIES SPECIFICATIONS

Part	Width (in. - mm)	Height (in. - mm)	Base Thickness (in. - mm)	Weight (lb./ft. - kg/m)	R θ (°C/W)	Surface area (in. ² /in. - mm ² /mm)
AH33000	0.75 / 19.05	0.6 / 15.24	0.09 / 2.29	0.278 / 0.413	8	9.633 / 244.68
AH54100	0.94 / 23.88	0.41 / 10.41	0.06 / 1.52	0.262 / 0.389	6.2	11.49 / 291.85
AH80126	1.095 / 27.81	1.15 / 29.21	0.2 / 5.08	0.6 / 0.891	7.1	9.881 / 250.98
AH17500	1.5 / 38.10	0.44 / 11.18	0.09 / 2.29	0.42 / 0.624	4.8	26.539 / 674.09
AH10564	1.875 / 47.63	1 / 25.40	0.188 / 4.78	1.049 / 1.558	2.3	16.174 / 410.82
AH10551	1.92 / 48.77	1.25 / 31.75	0.25 / 6.35	1.08 / 1.604	3.8	18.005 / 457.33
AH40000	2.1 / 53.34	1 / 25.40	0.12 / 3.05	1.184 / 1.758	3.7	22.576 / 573.43
AH29300	2.28 / 57.91	0.38 / 9.65	0.06 / 1.52	0.466 / 0.692	3.6	14.274 / 362.56
AH10719	2.312 / 58.72	1.5 / 38.10	0.156 / 3.96	1.327 / 1.971	3	23.288 / 591.52
AH67200	2.892 / 73.46	1.062 / 26.97	0.306 / 7.77	1.855 / 2.755	3.1	22.315 / 566.80
AH48600	3 / 76.20	2.25 / 57.15	0.28 / 7.11	2.968 / 4.407	1.8	47.494 / 1,206.35
AH64100	3.12 / 79.25	1.25 / 31.75	0.312 / 7.92	2.125 / 3.156	2.7	24.613 / 625.17
AH80015	3.356 / 85.24	3.136 / 79.65	0.216 / 5.49	3.326 / 4.939	0.9	64.702 / 1,643.43
AH80000	3.5 / 88.90	0.85 / 21.59	0.2 / 5.08	1.432 / 2.127	2.2	24.973 / 634.31
AH12153	3.6 / 91.44	1.15 / 29.21	0.22 / 5.59	2.23 / 3.312	1.9	32.46 / 824.48
AH11600	3.682 / 93.52	0.774 / 19.66	0.1 / 2.54	1.18 / 1.752	2.2	26.8 / 680.72
AH16000	3.79 / 96.27	2 / 50.80	0.2 / 5.08	2.66 / 3.950	1.8	39.631 / 1,006.63
AH50600	3.924 / 99.67	1.21 / 30.73	0.215 / 5.46	2.34 / 3.475	1.7	33.27 / 845.06
AH12310	4.125 / 104.78	1.75 / 44.45	0.25 / 6.35	3.49 / 5.183	1.3	38.75 / 984.25
AH11958	4.4 / 111.76	1.32 / 33.53	0.22 / 5.59	2.846 / 4.226	1.6	42.936 / 1,090.57
AH32530	4.5 / 114.30	1.4 / 35.56	0.2 / 5.08	2.382 / 3.537	1.7	36.973 / 939.11
AH73900	4.527 / 114.99	0.733 / 18.62	0.149 / 3.78	1.692 / 2.513	1.6	49.614 / 1,260.20
AH13184	4.75 / 120.65	1.25 / 31.75	0.125 / 3.18	1.418 / 2.106	2	31.182 / 792.02
AH80125	4.8 / 121.92	2.22 / 56.39	0.22 / 5.59	3.947 / 5.861	1.4	64.95 / 1,649.73
AH14315	4.997 / 126.92	1.75 / 44.45	0.25 / 6.35	4.044 / 6.005	1.3	44.286 / 1,124.86
AH12700	5 / 127.00	0.49 / 12.45	0.12 / 3.05	1.4 / 2.079	2.4	29.3 / 744.22
AH80167	5 / 127.00	1.75 / 44.45	0.25 / 6.35	3.093 / 4.593	1.3	54.713 / 1,389.71
AH12118	5.5 / 139.70	2 / 50.80	0.25 / 6.35	4.11 / 6.103	1.2	55.664 / 1,413.87
AH13070	6.08 / 154.43	1.75 / 44.45	0.25 / 6.35	4.088 / 6.071	1.2	50.258 / 1,276.55
AH10578	6.5 / 165.10	1.6 / 40.64	0.2 / 5.08	3.558 / 5.284	1.3	54.414 / 1,382.12
AH61409	7.2 / 182.88	2.39 / 60.71	0.27 / 6.86	4.678 / 6.947	0.8	78.198 / 1,986.23
AH11945	7.34 / 186.44	1.312 / 33.32	0.312 / 7.92	5.042 / 7.487	1.1	61.861 / 1,571.27
AH10928	9.75 / 247.65	2.28 / 57.91	0.28 / 7.11	6.878 / 10.214	0.6	101.705 / 2,583.31
AH62430	12.25 / 311.15	2.3 / 58.42	0.3 / 7.62	10.3 / 15.296	0.6	96.972 / 2,463.09

CHARACTERISTICS

R θ (°C/W) The thermal resistance is based on a 76 mm (3 inch) extrusion length in natural convection, black anodized finish, and 75°C mounting surface temperature rise.

Material Aluminum alloy 6063-T5

(continued)

AH Series

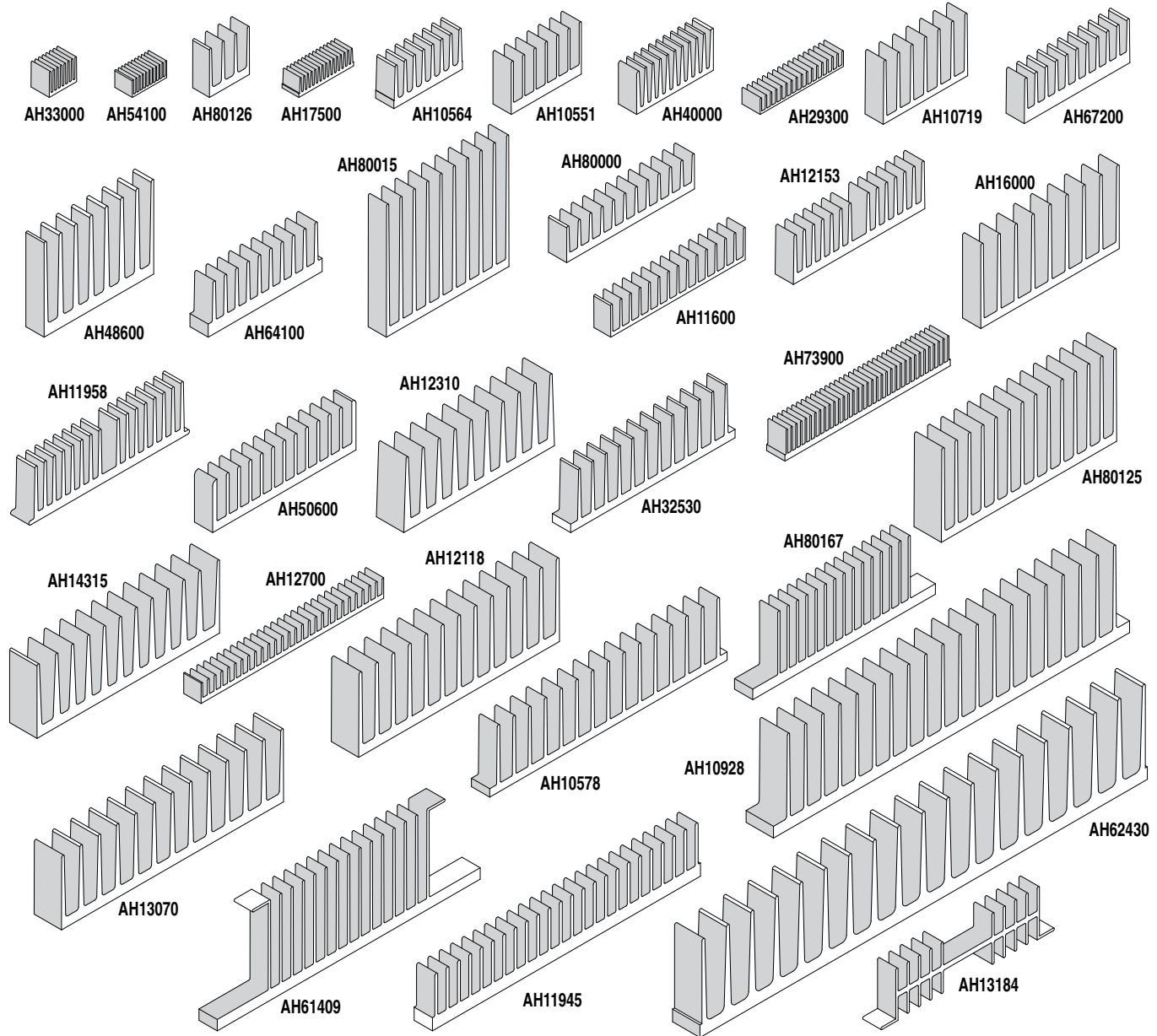
Extrusion Heatsinks

This product has been
DISCONTINUED

The AH Series heatsink extrusion offering has been discontinued on **December 2018**. Please review the **HS series heatsinks** for mounting your Aluminum housed resistors.

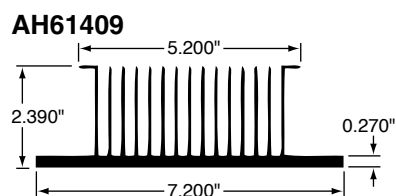
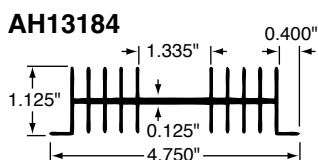
EXTRUSION PROFILES

Not to scale. See chart for dimensions.



Not to scale.

ADDITIONAL DIMENSIONS



HOW TO ORDER

Series	Extrusion Style	Finish	Length (in.) to three decimals	Modification
A	H	8	0	1
2	6	A	1	2
3	0	0	0	N
0	0	0	0	E

RoHS Compliant

A = black anodized
C = gold chromate
F = clear chromate
G = green anodized
K = clear anodized
R = red anodized
V = unfinished, degreased

N = none
X = consult factory for options

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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