



## Flat Cool Pipes / MHP Series

By using a Ultra flat Heat pipe (also known as Coolpipe) it may be possible to eliminate the need for a costly fan and heat sink, with the additional benefits of reducing power consumption, noise output, product thickness and cost. The flat heat pipes can directly remove heat from the source and be transferred direct to the chassis or to an external heat sink. It also negates the requirement for ventilation holes and thereby reduce ingress of dust (no air filters required) and static. The thickness of the Coolpipes ranges from 1.2mm to 2.5mm, with lengths from 60mm~500mm. They can achieve up to 270W of heat transfer.



### Features:

- Working Fluid: Acetone.**
- Thermal Performance: Up to 450W.**
- Ultra Slim Flat Heatpipe (Thickness 1.2 ~ 4.0mm).**
- Light Weight, Great Uniformity.**
- Custom Size Available.**
- Life time upto 16 years.**

### AMEC Thermasol

1-2 Steam Mill Lane, Great Yarmouth, Norfolk, NR31 0HP

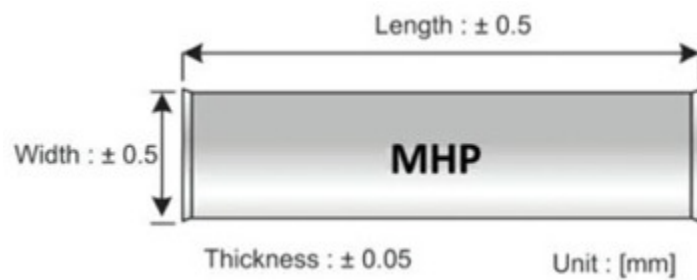
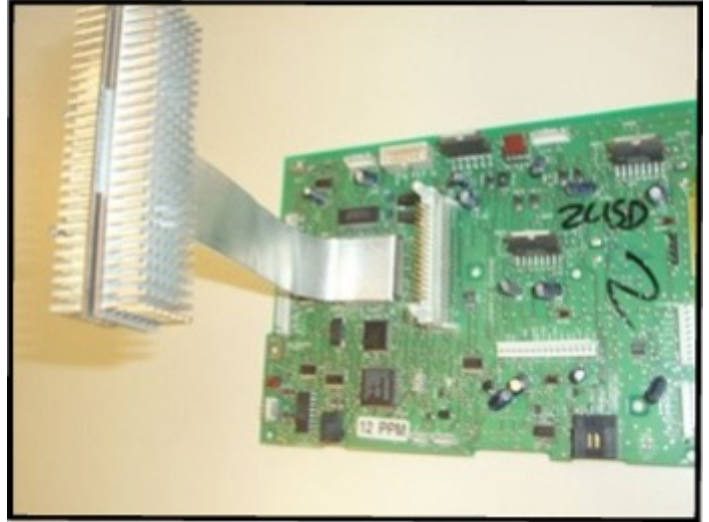
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# amecthermasol



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**Standard Parts:**

Part Number	Thickness (mm)	Width (mm)	Length (mm)	Bending Radius Min.(mm)	Heat Transfer Rate Max.(Watt)
MHP-1220A-100A	1.2	20	100	R2	5 ~ 18
MHP-1220A-150A	1.2	20	150	R2	5 ~ 18
MHP-1220A-200A	1.2	20	200	R2	5 ~ 18
MHP-1630A-100A	1.6	30	100	R4	11 ~ 50
MHP-1630A-150A	1.6	30	150	R4	11 ~ 50
MHP-1630A-200A	1.6	30	200	R4	11 ~ 50
MHP-2040A-100A	2.0	40	100	R5	40 ~ 170
MHP-2040A-150A	2.0	40	150	R5	40 ~ 170
MHP-2040A-200A	2.0	40	200	R5	40 ~ 170
MHP-2040A-250A	2.0	40	250	R5	40 ~ 170
MHP-2040A-300A	2.0	40	300	R5	40 ~ 170
MHP-2040A-350A	2.0	40	350	R5	40 ~ 170
MHP-2040A-400A	2.0	40	400	R5	40 ~ 170
MHP-2040A-450A	2.0	40	450	R5	40 ~ 170
MHP-2040A-500A	2.0	40	500	R5	40 ~ 170
MHP-2550A-100A	2.5	50	100	R6	75 ~ 300
MHP-2550A-150A	2.5	50	150	R6	75 ~ 300
MHP-2550A-200A	2.5	50	200	R6	75 ~ 300
MHP-2550A-250A	2.5	50	250	R6	75 ~ 300
MHP-2550A-300A	2.5	50	300	R6	75 ~ 300

Other lengths available from 60mm - 0.5m, but subject to minimal order quantity. Please contact us for further details.

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