MHP-2550A400A

[General Specification] Description MHP-2550A400A Part Number Material of Container Aluminium 1050 Wick Structure Groove Working Fluid Acetone Thickness 2.5 mm 50.0 mm Width 400.0 mm Length Weight 26.0 g (Average) Horizontal 75.0 W (at 50°C) Vertical 270.0 W (at 50°C) Typical Thermal Resistance <0.2°C / W (Average) Operating Inclination, Ø 0~90° Leak Temperature Criterion -40~100°C

[Scope]

This specification details the requirements and applications for 2.5 mm x 50.0mm x 400.0mm.

[Dimensions]

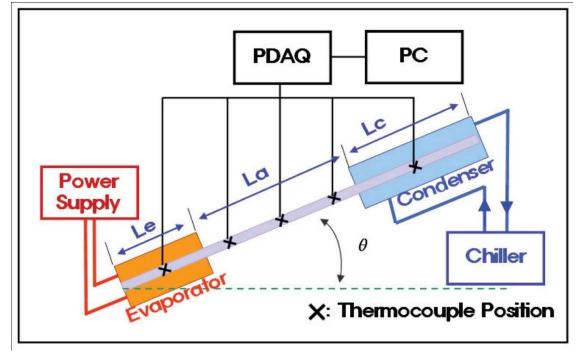
The dimensional attributes of this shall conform to the following figure.



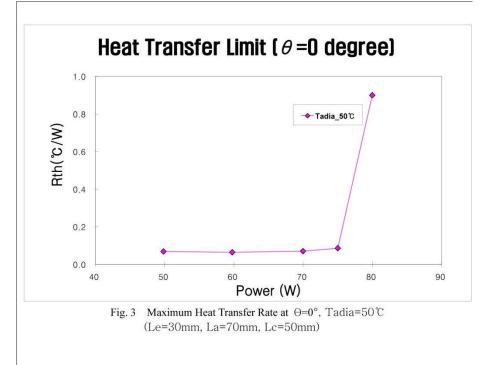
Thickness (t)	Width (W)	Length (L)		Ineffective Length (a)	Ineffective Length (b)
2.5 mm	50.0 mm	400.0 mm		2.5 mm	2.5 mm
[Material]					
Container			Aluminium 1050		
Working Fluid			Acetone		
Surface Treatment			None		
			+44(0) 1493 668623		

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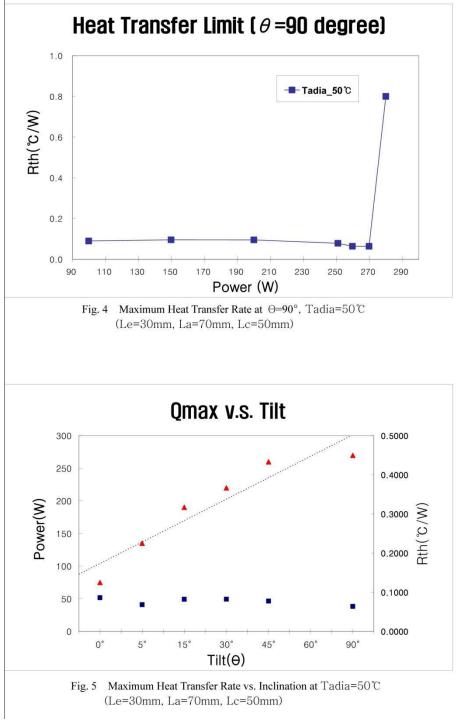


Qmax Test Apparatus



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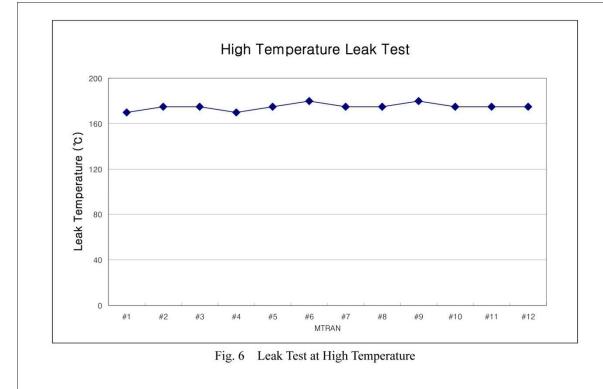


[High Temperature Leak Test]

Every manufactured S sealed with a mechanical pinch system. The mechanical pinch of container results in a cold weld seal. The average leak temperature is about 170°C.

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[Thermal Response Test]

Every manufactured must pass the thermal response test to ensure its operation and Vacuum and leakage check. The experimental test bench is schematically shown in Fig.6. Water bath temperature, Tw is set at 50°C and the temperature of other end, Tt is measured immediately after it is placed vertically into the water bath. The criterion for acceptance is $5^{\circ}C$ (Tw – Tt).

