

Thermal Resistance Test Report



Product Information

Part number : RGE110-P Series

Description : 1U Passive Cooler for AMD SP5 Processors

Test Condition

Heat Flux : 200 watts & 220 watts & 240 watts & 280 watts & 300 watts

Ambient Humidity (RH) : 52 %

Ta (Ambient Temperature) : 25 °C

Convection : 30 CFM

Test Result

Test Result : As below

Test Data

Test Result								
Item	Flow (cfm)	ΔP (mm-Aq)	voltage	Tc(°C)	Ta(°C)	ΔT (°C)	Power(w)	Rca(°C/W)
1	30	15.37		57.3	25.7	31.6	200	0.1580
	30	15.39		60.1	25.6	34.5	220	0.1568
	30	15.4		63.1	25.8	37.3	240	0.1554
	30	15.42		68.4	25.3	43.1	280	0.1539
	30	15.43		71.3	25.3	46.0	300	0.1533

Date:2022/04/12

Engineer: Vic

Test Equipment :

CPU Cooler Thermal Resistance Tester with Automatic Airflow Rate & Pressure Measurement Apparatus

