



APPROVAL SHEET

CPU Coolers

SALES MODEL NO: SP994S1-V1

ENGINEER NO: SC994S1-095-3L3W2



Article No. : SP-AP-SA-A056 Issue Date : Sep 26, 2011 Version : A/0	Audited by
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Checked by	Drafted by
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Spire Corp.

Tel.: +86-755-26801568 Fax: +86-755-26801561

[Http://www.spirecoolers.com](http://www.spirecoolers.com)

[Http://www.spirepower.com](http://www.spirepower.com)

[Http://www.spire-corp.com](http://www.spire-corp.com)



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Approval Sheet Revisement Record

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Version	Revised Chapter	Description	Revised Date	Drafted by	Audited by	ECN No.
A/0	N/A	First Version	2011-9-26			N/A



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1. Main Components List

Item	Components	Part No.	Quantity	Material
1	Heatsink	SC994S1-V1	1	Cu+Al
2	775/1156/1366 Clip	SC994S1-V1	1	Plastic
3	FAN Clip	SC994S1-V1	2	Steel
4	Fan	SF09025S3L3W2-1	1	Plastic

2. Multi views and images

2.1 Cooler images



Picture 1 : Full view



Picture 2 : Top view



Picture 3 : Base view



Picture 4 : Right view

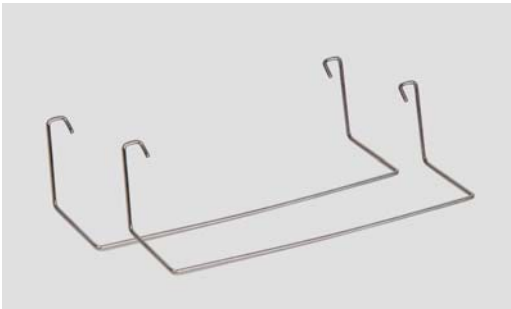
2.2 Components images



Picture 1 : Heatsink



Picture 2: Fan



Picture 3: FAN Clip



Picture 4: 775/1156/1366 Clip



Picture 5: Fan Label



Picture 6: 3pin connector



3. Features and Specifications:

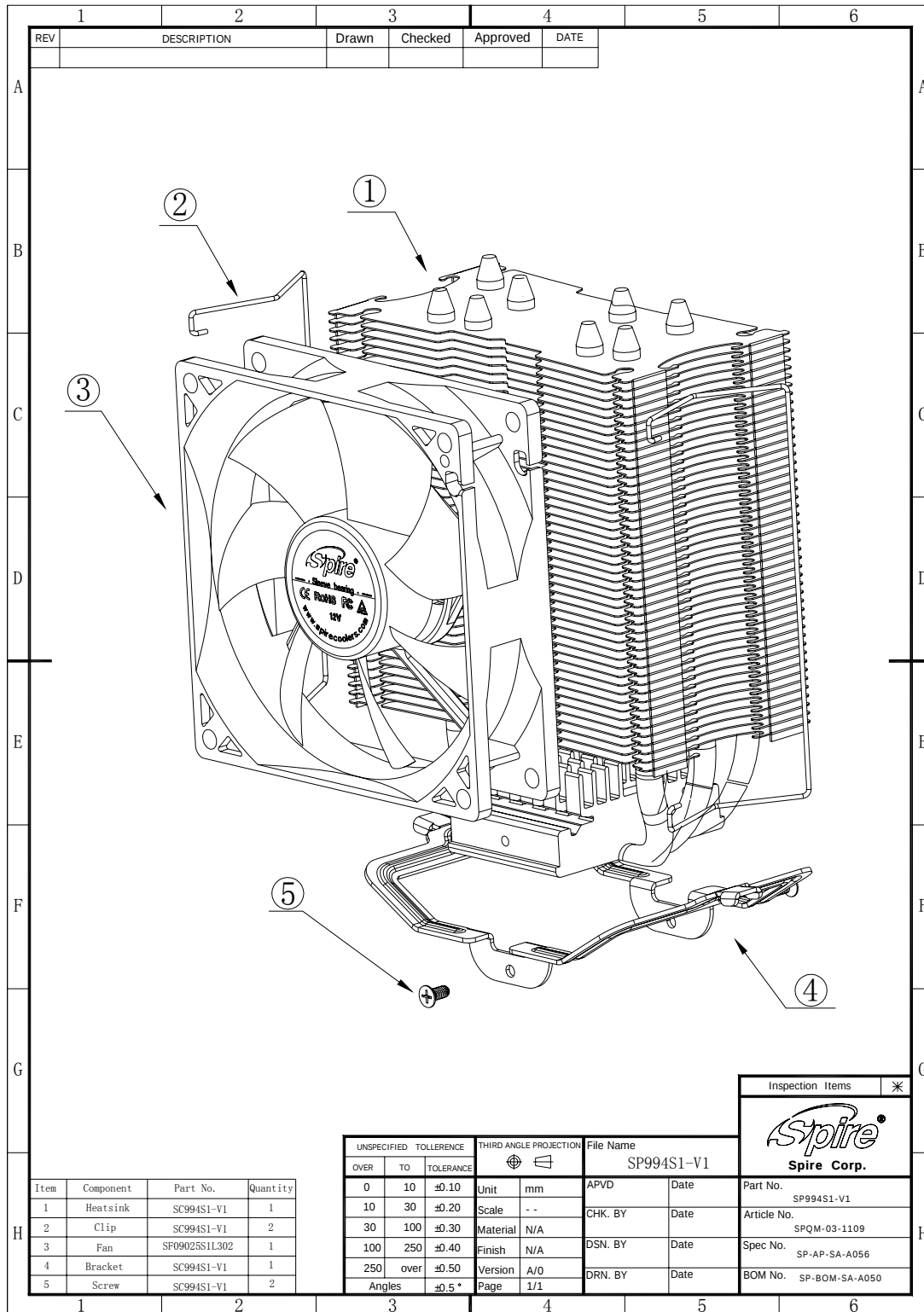
Main features:

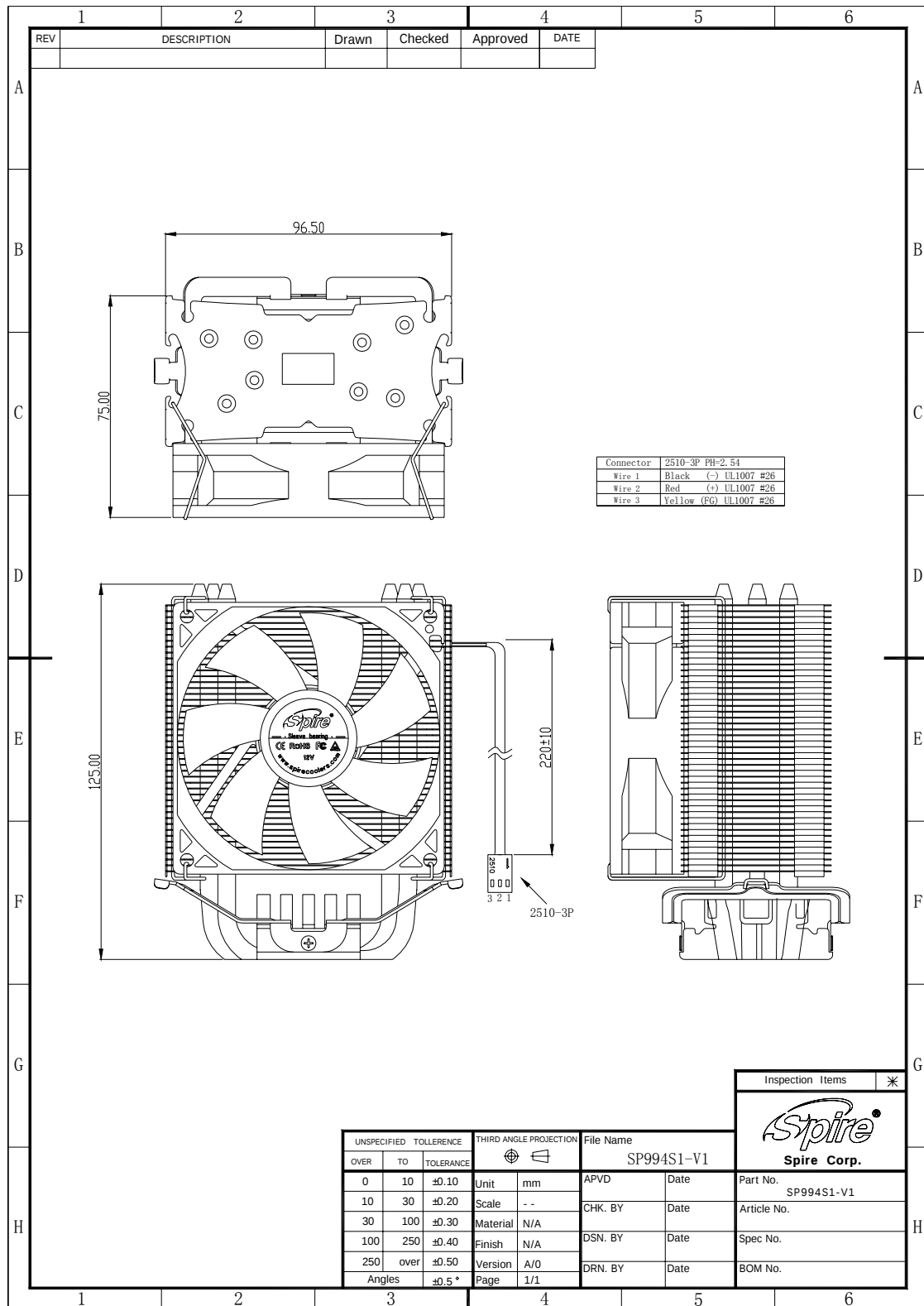
- Aluminum High-density fin Heat Sink
- 4 thermally improved copper heat-pipes
- 92x25mm Sleeve bearing fan for silent operation
- heat-sink with large base for optimal heat conductivity

Specifications:

Dimensions	Heat sink : 96.5X51X125 mm	
	12VDC Fan : 92X92X25 mm	
Material	AL+CU	
heatpipe	Four (4) 6mm all copper U-shaped	
Bearing	Sleeve Bearing	
Rated speed	Cooler	2000 RPM
	Only fan	2000 RPM
Rated power	1.56 W	
Noise level	19.0 dBA	
Air flow	38.4 CFM	
Current(MAX)	0.13A	
Life hours	Sleeve: 30,000	
Connector	3 pin, main board	
Application	1. Intel LGA775/1156/1366 2. AM2/AM3 3. AMD FM1	
TDP(Watt)	130 W	
Thermal resistance	0.256°C/W	
Thermal type	Stars-420	
weight	446 g(Cooler only)	

4.1 Assembly Drawing





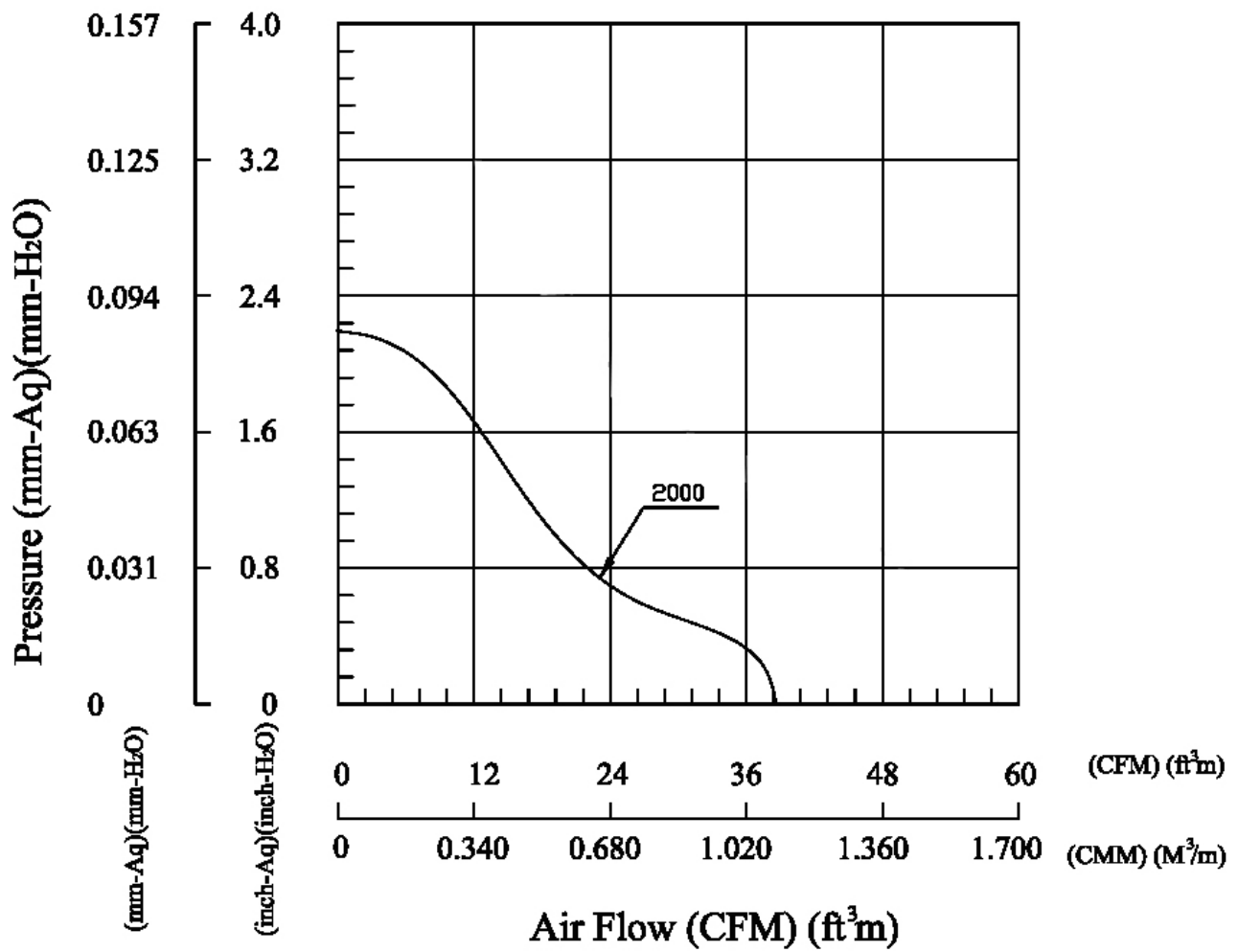
FAN MODEL: SF09025S3L3W2-1

1) Rated Voltage	: 12VDC
2) Operating Voltage Range	: 10.2 ~13.8VDC
3) Rated Speed(Only fan)	: 2000RPM ±10%
4) Static Pressure	: 2.21 mm-H ₂ O
5) Air Flow	: 38.4CFM
6) Rated Current(max)	: 0.13A
7) Rated Power	: 1.56WATTS
8) Noise Level	: 19.0 dB(A)
9) Operating Temperature	: -10 to 70 °C
10) Storage Temperature	: -40 to 70 °C
11) Bearing System	: Sleeve Bearing
12) Connector	: 3 pin
13) Weight	: 62 g



6. P&Q Characteristic curves

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7. Cumulative Certification compliance

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Item #	Certification type	Certification Number	Certification listing	Remark
1	EMC	BCT07LC-807E	www.bontek.com.cn	
2	LVD	BCT07LC-807S	www.bontek.com.cn	
3	FCC	ASZ08041007FK	www.aovt.com	
4	ROHS	GZ0803038947A/CHEM	www.rohs.cn.com	
5	TUV	R50131773	www.sz.chn.tuv.com	