



APPROVAL SHEET

CPU Coolers

SALES MODEL NO: SP986N1-V3-2P

ENGINEER NO: SC986N1-V3-2P



Article No. : SP-AP-SC-A413	Audited by
Issue : Aug 2, 2012	
Version : A/0	

Checked by	Drafted by

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)



Spire Corp.

Approval Sheet Revisement Record

A : 986 1- 3-2

: C986 1- 3-2

A : -A - C-A413

Version	Revised Chapter	Description	Revised Date	Drafted by	Audited by	ECN No.
A/0	/A		2012-08-2			/A



Contents

1. Main Components List.....	4
2. Multi views and images.....	5
2.1 Coolers images.....	5
2.2 Components Images.....	7
3. Features and Specifications	8
4. Product Drawing.....	9
4.1 Assembly Drawing.....	9
4.2 Cooler Drawing.....	10
5. Fan Specification.....	11
6. P&Q Characteristic curves.....	12
7. Correlative Certification compliance.....	13



Spire Corp.

1. Main Components List

Item	Components	Part No.	Quantity	Material
1	/	C986 1- 3	1	A +C
2		12025 7 4-	1	
3		04984 01	1	

2. Multi views and Images

2.1 Cooler images



1 :



2 :

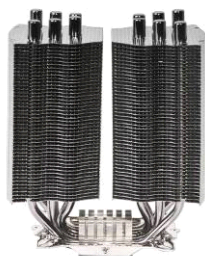


3 : B



4 :

2.2 Components images



1 : C



2:



3:



4: 4

()



5: C (4 C)



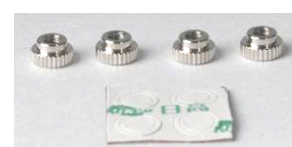
6: +



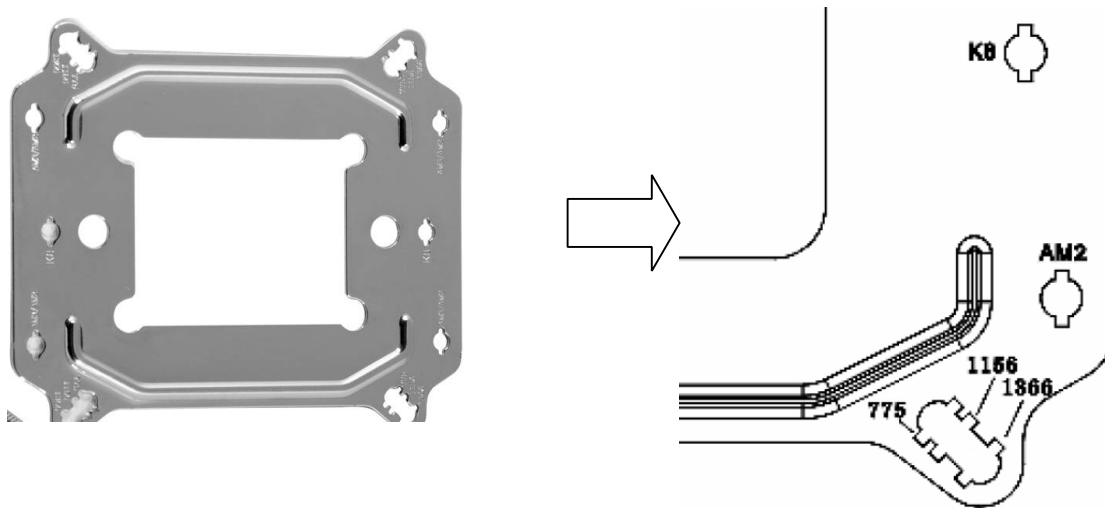
7: #6-32 33.5



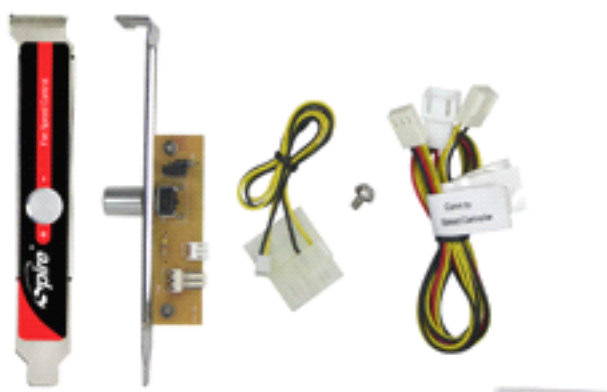
7: (#6-32)



8: A



10: C



11:



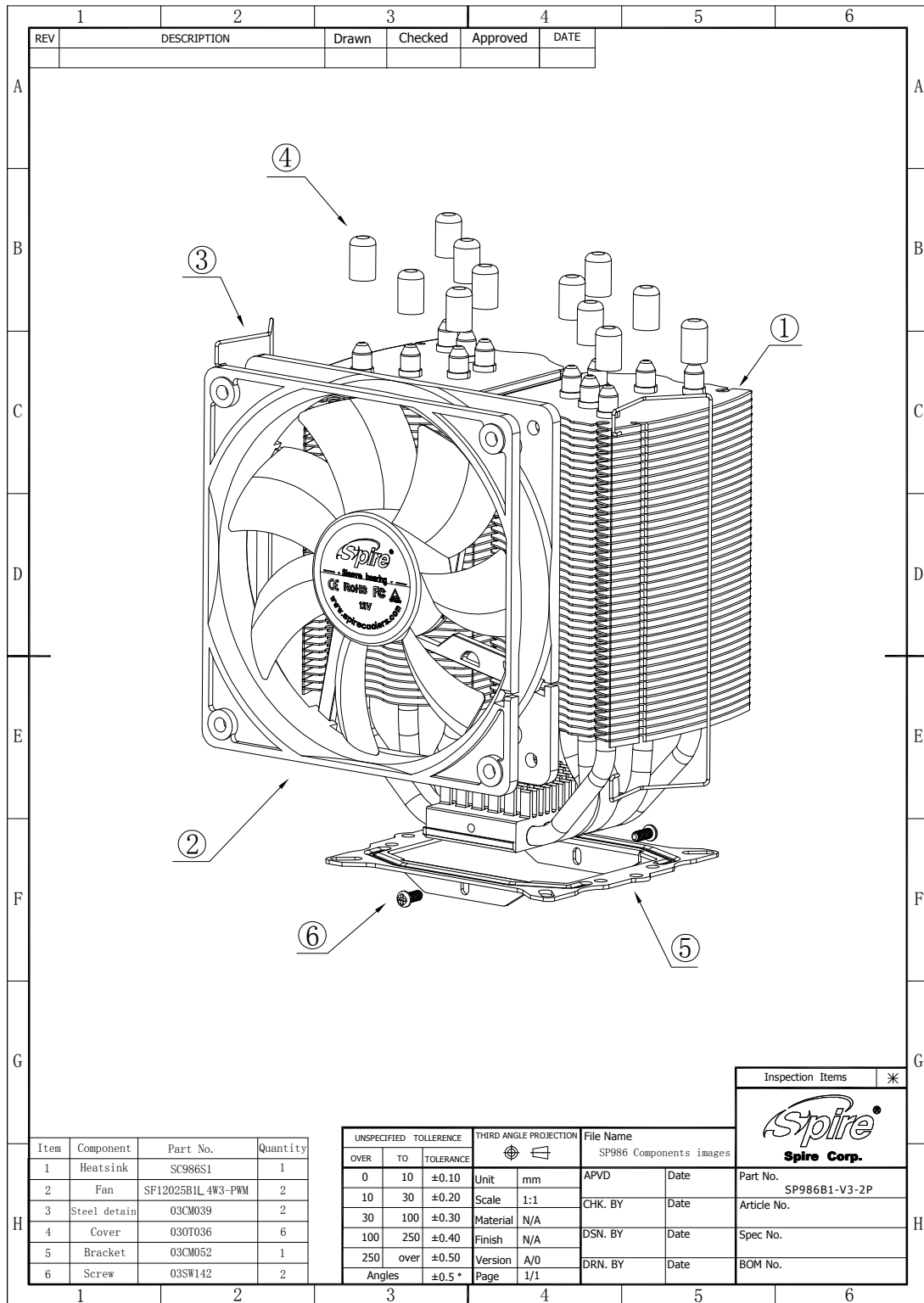
3. Features and Specifications:

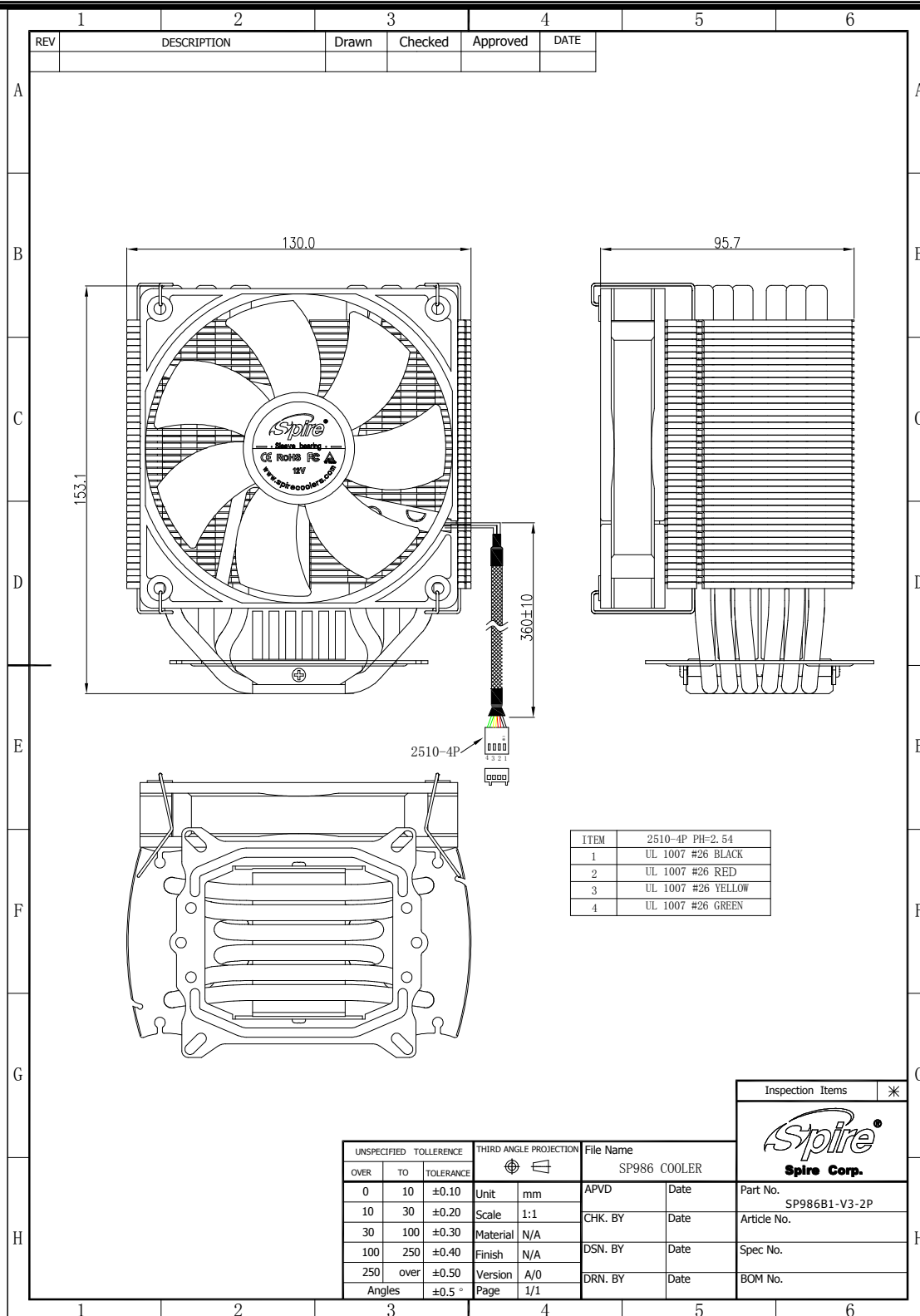
Main features:

6 - -
 A - -
 120 B 9
 46 A -
 &A -

Specifications:

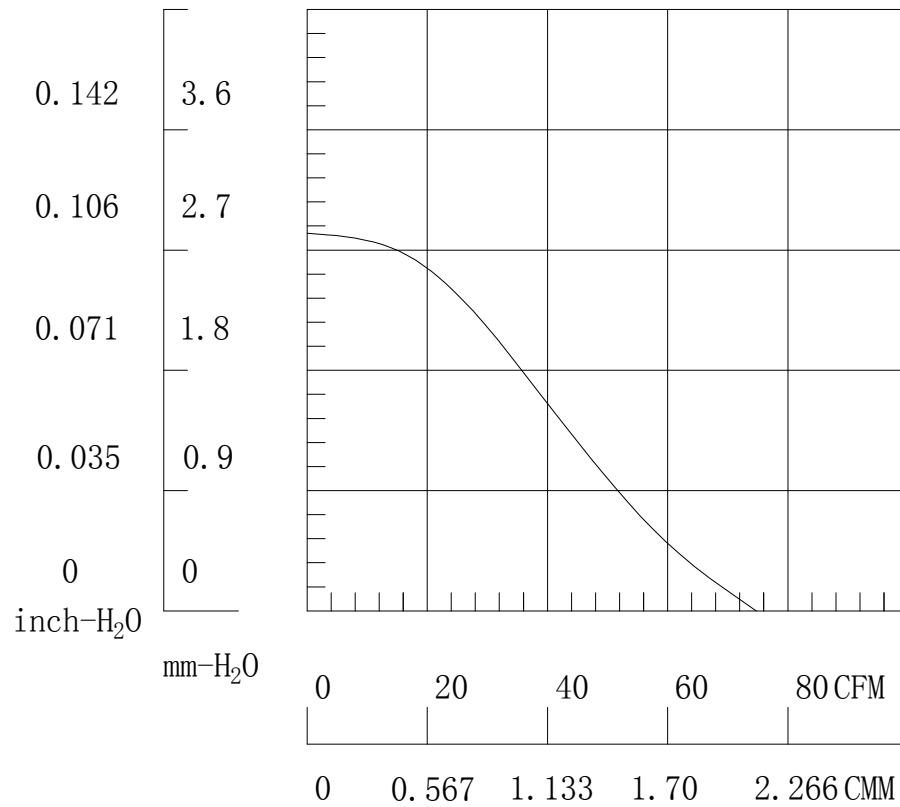
	: 131 71 153		
	12 C : 120 120 25		
Material	A +C		
	(6) 6 -		
B	Nano precision B		
	C	600~1800	+/-10%
		600~1800	+/-10%
	2.16		
	10.0~22.0 BA		
A	74.63C .		
C (A)	0.18A		
C	4		
A	A A 2/A 3/A 3+/ 1/ 2	A775 & A1155& A1156& A1366&2011 A	
()	130		
	0.091 C/		
	Nano precision B 70,000		
	842 (C)		





FAN MODEL: GF12025N7H4-PWM

- | | | | |
|-------|-----|------------------|--------|
| 1) | | : 12 | C |
| 2) | | : 10.2 | 13.8 C |
| 3) | () | : 600~1800 | 10% |
| 4) | | : 2.86 | - 2 |
| 5) A | | : 74.63C | . |
| 6) | C | : 0.18A | |
| 7) | | : 2.16 | A |
| 8) | | : 10.0~22.0 | B(A) |
| 9) | | : -10 | 70 ° C |
| 10) | | : -40 | 70 °C |
| 11) B | | : Nano precision | B |
| 12) C | | : 4 | (2510) |
| 13) | | : 124 | |



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	