

2010

www.hanbell.com.cn

enquiry@hanbell.com.cn  
ir@hanbell.com.cn

1.			
2.	2010	36%	
3.			
4.			
5.	5		
6.			
7.			
8.			
9.			
10.			
11.		2%	
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13.	"	"	

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- 15. 8
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<http://www.ttb2b.com/ShowGridDetails.aspx?id=16674> Top

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17.37%

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24%

101.57%

86%

2010

3% 5%

7% 10%

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40.84% 2010

39.8%

40%

2010

10

2010

<http://www.ttb2b.com/ShowGridDetails.aspx?id=16741> Top

3

2006BAK04A22-1

GB

GB

3

300kW 300kW 600kW

600kW

<http://www.ttb2b.com/ShowGridDetails.aspx?id=16866> Top

4

JFFIC

7 30 5

<http://www.ttb2b.com/ShowGridDetails.aspx?id=16841> Top

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<http://www.ttb2b.com/ShowGridDetails.aspx?id=16843> Top

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<http://www.ttb2b.com/ShowGridDetails.aspx?id=16975>

Top

7

2-3

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12

193

482

12

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163

98.7%

318.6

120

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BEDZED

) ( )

(

2007

40%

<http://news.ehvacr.com/news/2010/0819/62553.html> Top

8

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2005 2010

10% 20%

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<http://news.ehvacr.com/news/2010/0823/62623.html> Top

9



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2000

7000

<http://news.ehvacr.com/news/2010/0903/63037.html> Top

10

2008

1

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+

<http://news.ehvacr.com/news/2010/0908/63144.html> Top

11

2%

! (UBS)

30%

2% 3%

30%

2% 3%

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7%

10%

; PC

PC

18%

13%

10%

9%

(i pad

i pad

)

TV

; TV

LED 3DTV

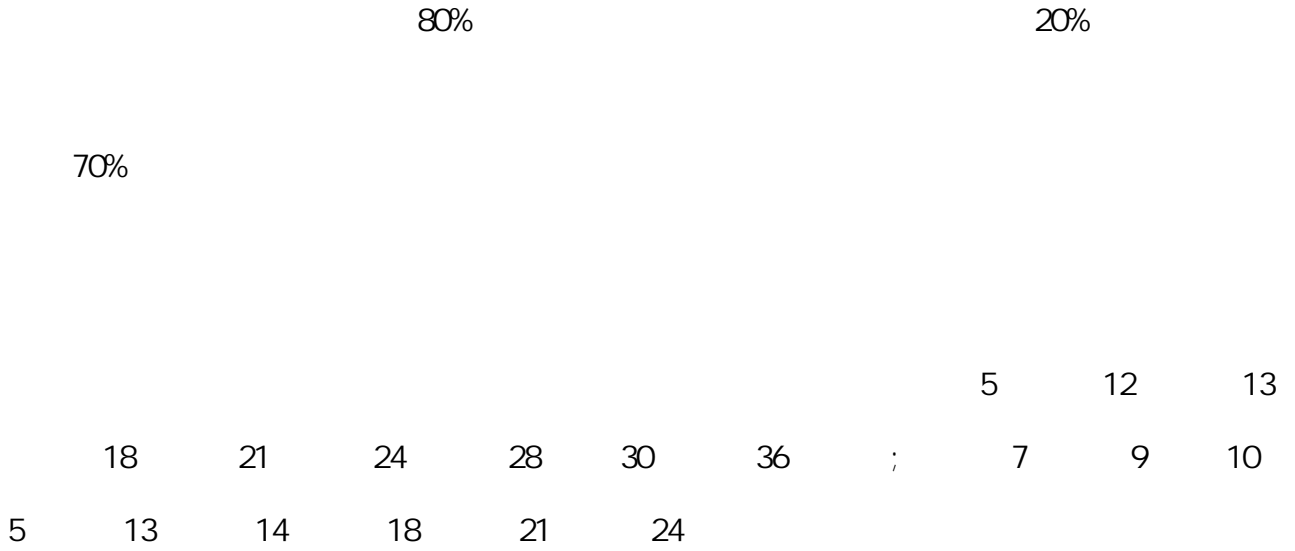
(cOnnected TV)

LED TV

IC

[http://mit.cci.dnet.com/art/32509/20100913/2184581\\_1.html](http://mit.cci.dnet.com/art/32509/20100913/2184581_1.html) Top

12



AI RMAN

13

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"

2010

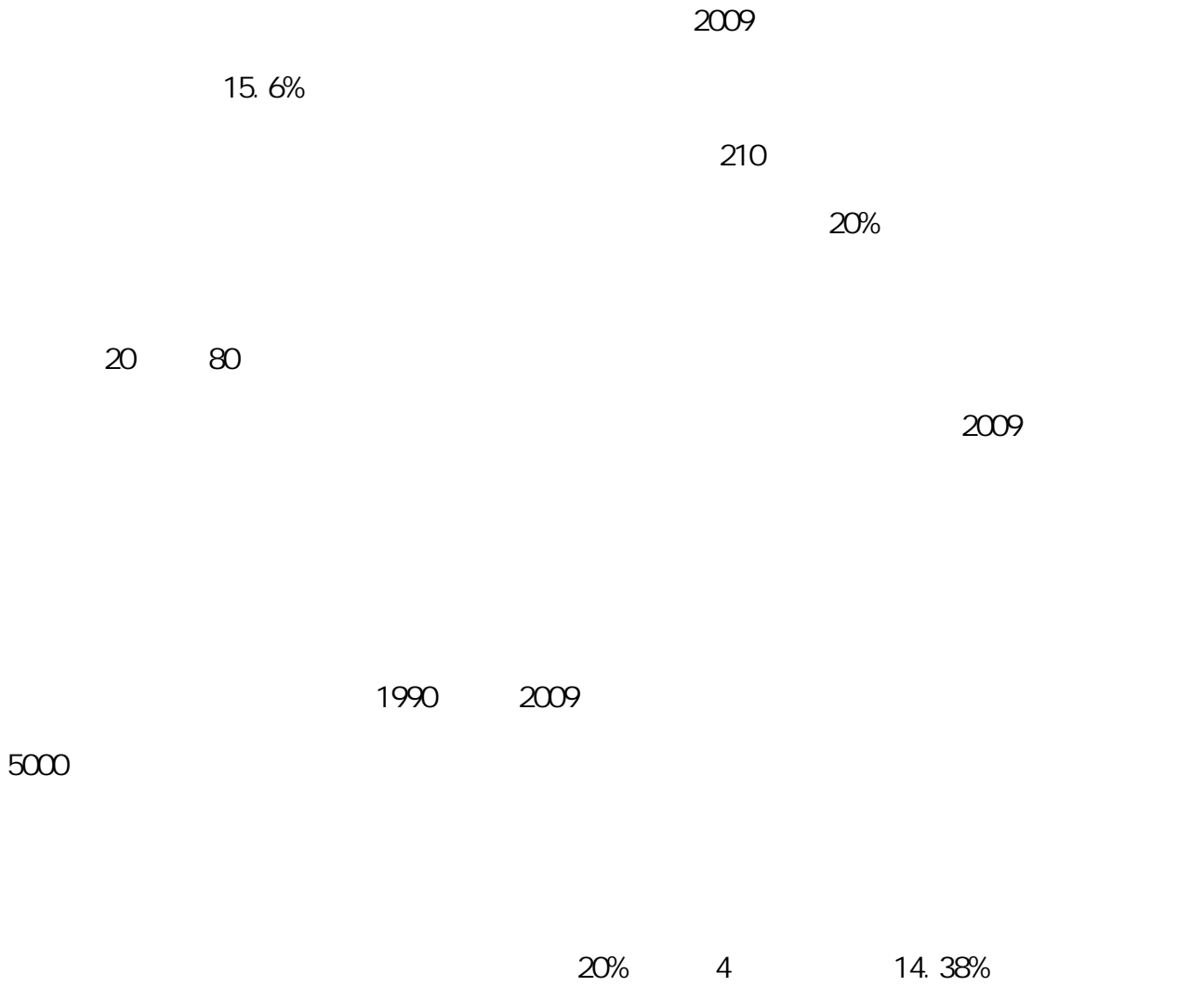
8

18

2087

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70



[http://www.51comp.com/news/2010/0826/article\\_13867852.html](http://www.51comp.com/news/2010/0826/article_13867852.html) Top

1

2010 JARN 8 1 2009 2

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JARN

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Turbocor

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Aermecc

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Dorin

R410A

- 1234yf

R134a

R410A

- 1234yf

JARN 2010 2

Top

2

2009

JARN

PACS

PACS

7380

2008

2009

3.7

28.2

1180

2008

20

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2008

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740

2008

13.9

990

2008

70

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200

180

90

2009

	JARN	2009	37.4	
30-40%			2009	490
			240	
49	100,000	425,000		
		10	85	
	2009		1180	
	740	2008	12	RAC
	2009	5100	2008	
		70	2820	40
	2009	2008		
	10.9	2008	260	
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RAC RAC

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NEDO GVP

- 1234yf - 1234yf

- 1234yf R410A RAC -

1234yf R410A

JARN 2010 3 Top



	7	2500	520
500		2	250
2500		6000	5%
	2000	1000	20%
	4000	150	7%
	1500	800	30%
4400	4%		

<http://www.ttb2b.com/ShowGridDetails.aspx?id=16831> Top



750

(1) 3000r/min

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Top

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2010

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<http://news.ehvacr.com/observations/2010/0910/63218.html>

Top

90

2008

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150

IR

AC

AC IR

2008

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AC IR

IR AC

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5

70%

5

2009-2010

2008

2010

15%

<http://news.ehvacr.com/research/2010/0628/61172.html>

Top

8

GHI

ROTORCOMP

TANROTOR

2000

GH ROTORCOMP TAMROTOR YUJIN TMC ELGI

HOERBI GER VMC

GH ROTORCOMP TAMROTOR

HOERBI GER VMC

2010

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HANBELL

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GB/T3853 ISO1217

GB19153-2009

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EPI C EPI C 2009  
2009 372 7.3GW  
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10 2010

			11.1%		
"	"	2010			
GDP	11.9%	GDP	11.1%	10.3%	
1.6				19.6%	
17.6%	6		13.7%		
			"	"	
		25.0%		38.1%	
18.2%		43.1%	35.2%		
			25.6%	25%	
	90%	50%			
			9		
20%					
5-7					

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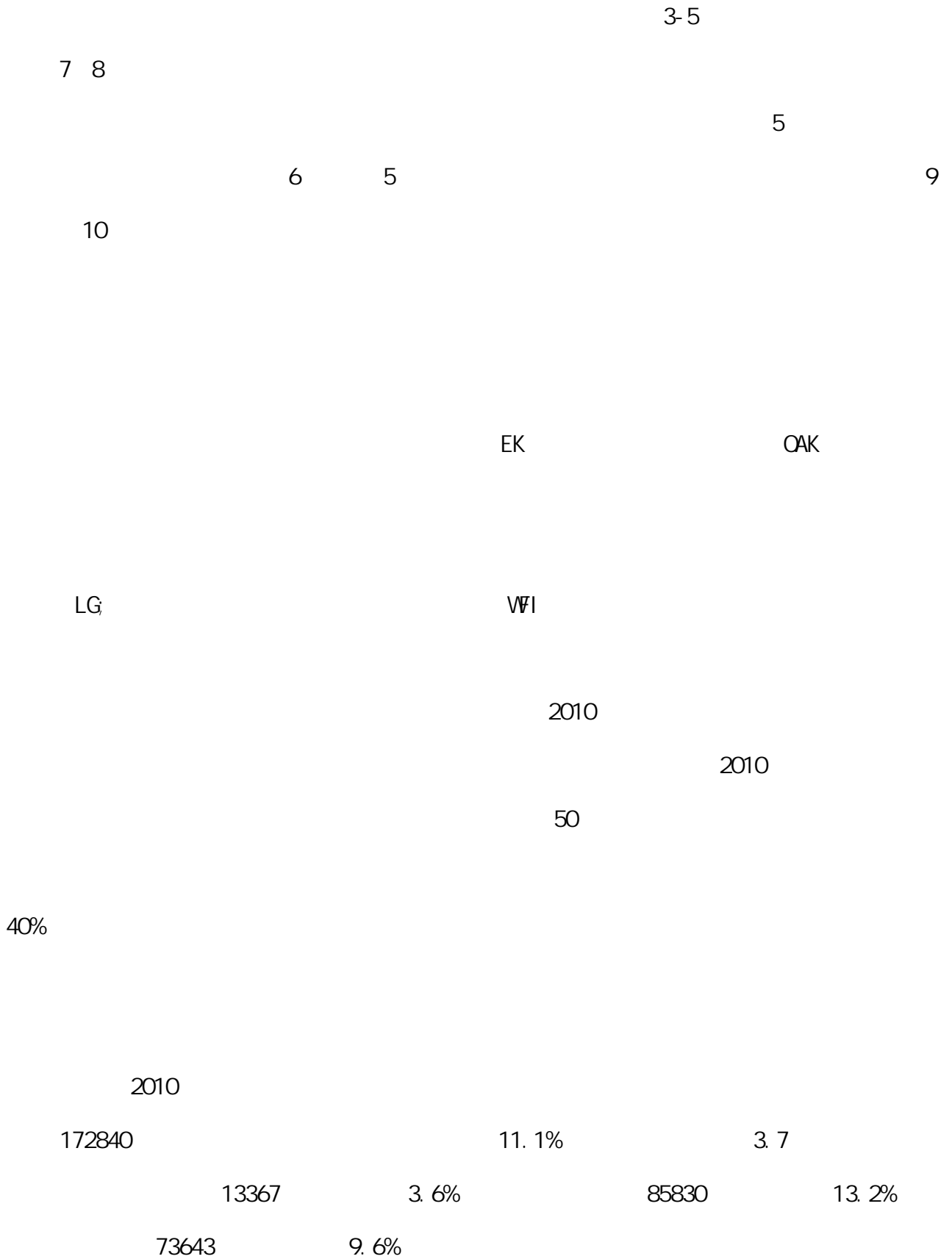
5000 6000

5 6 4 15

175 6

141 1700

GDP



51.4%

30%

36.4%

2004

36.6%  
17.6% 10.6  
19.4% 13.6% 39 38  
97.6% 0.4

2010 8 Top

1 LED 30  
8 10 LED  
30  
LED 30  
292482  
(LED) ( )  
17.06

LED (192 LED ) 200 LED 200 LED  
100 LCD 50 DVD 1600 LED 960

[http://mit.ccidnet.com/art/32511/20100810/2147795\\_1.html](http://mit.ccidnet.com/art/32511/20100810/2147795_1.html) Top

2

CO2

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CO2

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CO2

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(50 KW)

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IGCC

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<http://www.ttb2b.com/ShowGridDetails.aspx?id=16490>

Top

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2010

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TCL

2009

2009

1986

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CEM



+ +

[http://news.ehvacr.com/survey/2010/0810/62262\\_3.html](http://news.ehvacr.com/survey/2010/0810/62262_3.html)

Top

4

...

VIP

<http://news.ehvacr.com/company/2010/0811/62323.html>

[Top](#)

5

[I phone](#)   [I Pod Touch](#)   [App Store](#)   [BI TZER](#)

...

[I phone](#)   [I Pod Touch](#)   [App Store](#)   [BI TZER](#)

[Appl e](#)   [App Store](#)   [BI TZER](#)

75

R134a

<http://news.ehvacr.com/company/2010/0818/62532.html>

[Top](#)

6

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2010 8 18

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2010 8 18

LEED

USGBC

LEED-CI

2007

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500l ux

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LED

25, 000

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150 500  
100 500  
2000 1360  
75 15  
<http://www.johnsoncontrols.com>

500  
150 100  
500  
2000 1360  
75 15  
<http://news.ehvacr.com/company/2010/0819/62561.html> Top

7

Michael Lamach

(Ingersoll Rand)

12%

...

(Ingersoll Rand)

12%

2009

25%

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40%

Michael

Michael

2008 6 5

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Michael

GDP

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2008

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		5	2	3	2	1
-		2.30	2.50	2.70	2.90	3.10
CC 4500		2.60	2.80	3.00	3.20	3.40
4500 CC 7100		2.50	2.70	2.90	3.10	3.30
7100 CC 14000		2.40	2.60	2.80	3.00	3.20

3

3.6

3.4-3.6,

3.2

4.0

GB19577-2004

5

	CC KW	COP (W/W)				
		1	2	3	4	5
	CC 50	3.20	3.00	2.80	2.60	2.40
	CC 50	3.40	3.20	3.00	2.80	2.60
	CC 528	5.00	4.70	4.40	4.10	3.80
	528	5.50	5.10	4.70	4.30	4.00
	CC 1163					
	CC 1163	6.10	5.60	5.10	4.60	4.20

7

CSC/T 41-2005

COP 1.20

COP =1.35

5

341 /kW/h

36%

7.7%<sup>2</sup>

17.3%<sup>3</sup>

1 2

30%<sup>4</sup>

10%<sup>5</sup>

= 100%

100%

=30% 1 17.3% 36% 1 7.7% =8.24%

COP

7.0

=8.24% 7.0=57.7%

80% 90%  
65% 85% /  
/ 90% 80%  
15%  
= 100%  
=80% 1-15% =68%  
=68% 1.35=91.6% 57.7%

2

80% 20% 1%

9

2908kW

16.7kW

80%

30-40% 50% 6% 10

3

3                    1/3    11

27.

GB13721

DB11/139

	ng/n3	SO2 ng/n3	NOX ng/n3	CO ng/n3
	30	100	400	300
	10	20	200	
	0	2.5	41	10.9

80%

870    12

58%

99    99%

81%

95%

100%13

GB/T7778

	CFC	HCFH	HFC	HC		+
	R12	R22	R134a	R290	R717	R718
	CCl <sub>2</sub> F <sub>2</sub>	CHClF <sub>2</sub>	CH <sub>2</sub> FCF <sub>3</sub>	C <sub>3</sub> H <sub>8</sub>	NH <sub>3</sub>	H <sub>2</sub> O+Li Br
ODP*	1.0	0.055	0	0	0	0
GWP**	8500	1700	1300	11	0	0
			R500A	ODP=0.74, GWP=6010		-
* ODP		R11=1.0	1	R11		
** GWP	CO <sub>2</sub> =1.0				100	

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KW	232600		232600
COP	1.36	4.0	3.0

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<http://news.ehvacr.com/company/2010/0719/61698.html> Top

9

6 13



98%

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25Bar)

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500

[http://www.51comp.com/news/2010/0802/article\\_13866371.html](http://www.51comp.com/news/2010/0802/article_13866371.html) Top

2010-07-06

" "

1/4

[ 15. 95 8. 50%

[ 8. 073. 33%

[ 21. 97 8. 23%

[ 16. 34 3. 09%

000811 " "

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002158

000530

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<http://finance.ifeng.com/stock/hybg/20100706/2382815.shtml>

[Top](#)

2

27

100%

2010-07-09

\*ST

		100%			K	5
10	15				4548.40	
4811.15		262.75	5.78%	10.34%		0.70
		5.08		4.94	27	
		0.219		4.151		
4.632%						
	27	100%		23	4	
	10%					15.51%
15.14%	14.02%	10.06%		100%	17	
	5		1600		(2990.642)	)
(2102.534)			(2061.742)		(1790.075)	)
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PMI 53.9% 0.7 15  
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<http://stock.sohu.com/20100709/n273383368.shtml> [Top](#)

**3**

2010-07-14

7 13

13

(38.90, -0.02, -0.05%) " -A"

(33.82, -1.98, -5.53%) " -A"

(51.00, -0.45, -0.87%) " -A"

(14.75, 0.40, 2.79%)	"	-A"
(5.76, -0.22, -3.68%)	"	-A"
13		
(8.33, 0.76, 10.04%)	"	"
(16.10, -0.28, -1.71%)	"	"
(11.43, 0.40, 3.63%)	"	"
(29.85, -0.94, -3.05%)	13	
(13.55, 1.18, 9.54%)	"	"
(25.14, 0.22, 0.88%)	"	"
(13.47, -0.36, -2.60%)	13	
"	"	
(18.86, -0.13, -0.68%)	"	"
(13.70, -0.26, -1.86%)	"	"
(3.42, -0.02, -0.58%)	"	"
13		
(18.87, 0.08, 0.43%)	"	"
13		
(9.10, -0.44, -4.61%)	"	"
"	"	
(17.62, -0.63, -3.45%)	"	"
(11.00, -0.04, -0.36%)	"	"
(30.78, 0.99, 3.32%)	"	"
13		
"	"	
(23.45, 0.15, 0.64%)	"	"
(21.88, 0.28, 1.30%)	"	"

(6.47, -0.27, -4.01%) " "

<http://finance.sina.com.cn/stock/gedupingji/20100713/15258285539.shtml> [Top](#)

4 26

2010-07-16

8								7
					37			30
	2016%				2001%			
379%	325%				241%			
	31				202%		81%	
	71%			70%			67%	
			37		26			
		134		12.4			44.48%	41.87%

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" "

2010-07-21

" " " "

6 69

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WIND

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69

		2	5	65	
147.28		34.30%	52		
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		15		100%	106.7833% 2016.25%
	4			70%	
176.44% *ST					6
		15	5		3
		20			
	11	3		2	
20					
174			0.06	2.07%	2010
	2010			89%	
				20%	3%
14% 7%					
				2010 6 18	
2010 1-5			20.2%	12.7	

857 869 497 21.9% 18%

23.1% 2809 109.5 8.4% 17.6%

2010 5

120

120

/ 60 /

2015

6 1

2016.25%

PVC

12 / 2010 6

F1 F1

15 / 1990 6300

F1

2009 2 10 / 47

" "

2010 7 14 2010

28.07 5463 5853 2016%

0.0506

53%

2001.54%

48 4.2

		2010	7	12
0.24	2.06		12.2%	
8.25	60.29%	1.78		2001.54%
2010				

[http://stock.ccstock.cn/gupiaoyaoven/2010-07-22/A219388\\_2.html](http://stock.ccstock.cn/gupiaoyaoven/2010-07-22/A219388_2.html) [Top](#)

7

2010-07-23

Humphrey

Schmitz (2000)

<http://finance.sina.com.cn/stock/hyyj/20100723/09248351459.shtml> Top

2010-07-24

<http://www.denguang.com/html/50/n-667950.html> Top

9 8

2010-07-26

7	25	8	A	7	
Wnd		8	92	138.17	1787.39
	7	71%	7	72%	
		(7.02, -0.07, -0.99%)			33
			7	23	
	(12.18, 0.01, 0.08%)		(22.49, 0.86, 3.98%)		
	231.66	156.36	133.97		8
A			8	92	
23	7	23	8		39%
			69	26	31
	11			1	
		(36.87, -0.15, -0.41%)		(18.74, -0.08, -0.43%)	
(16.82, -0.26, -1.52%)		(25.27, 0.08, 0.32%)		(27.38, -0.12, -0.44%)	
	(77.370, 3.08, 4.15%)		(27.530, 0.04, 0.15%)		
(28.930, 0.03, 0.10%)		(33.340, 0.05, 0.15%)		(48.70, -1.07, -2.15%)	

(29.92, 0.35, 1.18%)		(34.31, 0.01, 0.03%)	
(33.900, 0.45, 1.35%)		(53.600, 1.50, 2.88%)	(27.250, 0.27, 1.00%)
			8
	8	3390	6
55%	8		(28.010, 0.04, 0.14%)
			8
16		(13.84, -0.25, -1.77%)	
(7.52, 0.20, 2.73%) *ST	(7.51, 0.04, 0.54%)		(41.12, 0.12, 0.29%)
(9.30, 0.05, 0.54%)	(25.05, 0.00, 0.00%)		(14.06, -0.25, -1.75%)
	(6.76, -0.09, -1.31%)	(22.48, -0.40, -1.75%)	
(4.07, -0.02, -0.49%)		(9.80, -0.09, -0.91%)	
(14.70, -0.12, -0.81%)	(10.21, -0.10, -0.97%)		(5.61, -0.03, -0.53%)
	(22.84, 0.30, 1.33%)	128	(
/ )			

<http://finance.sina.com.cn/stock/data/20100725/16158359688.shtml> Top

10

2010-07-29

28

2015

2015

80  
5  
36  
15

2015

30 50 65

25 10

20 30

8 10

			3	1500
2		5		
		2009	7509	7269
3. 3%	2660		2638	0. 83%
	4895	4. 6%		5120

[http://www.cnstock.com/paper\\_new/html/2010-07/29/content\\_36799.htm](http://www.cnstock.com/paper_new/html/2010-07/29/content_36799.htm) Top

11

2010-07-30

.....

002158

" " --

592%

170%

PE 57 PEG

.....

<http://www.cfi.net.cn/p20100730000286.htm> Top

12

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2010-07-30

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<http://sc.stock.cnfol.com/100729/123,1764,8115623,00.shtml> Top

13

2010-08-03

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A

2700-2900

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: (000790, ) (002313, )  
(002281, ) (300058, ) (600199, ) (000596,  
) (600280, ) (002327, ) (002271, )  
(002158, ) (002123, ) (002192, ) (002395,  
) (601888, ) (000550, ) (000581, ).....

<http://stock.hexun.com/2010-08-02/124446490.html> Top

14

2010-08-03

A

K

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1330

954

A

(28.400, -0.54, -1.87%)

5%

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2600

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(25.29, 0.00, 0.00%)

(9.75, -0.05, -0.51%)

(25.06, -0.12, -0.48%)

(26.25, -0.13, -0.49%)

(74.600, -0.57, -0.76%)

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2010-08-03

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(600199, )

(000596,

) (600280, ) (002327, ) (002271, )  
(002158, ) (002123, ) (002192, ) (002395,  
) (601888, ) (000550, ) (000581, )  
(002290, ) (002326, )  
PB 1664 " " (600096, ) (002053,  
) (000792, ) (601006, ) (600717, )  
(600389, ) (000709, ) (600548, ) (600596, )  
(000668, ) (000089, ) (601333, )  
(600350, ) (600583, ) (000912, ) (601390, )  
" " (600872, ) (000759, ) (000040,  
) A  
(600118, ) (000768, ) (600877,  
) (600184, )

<http://news.hexun.com/2010-08-03/124462796.html> Top

16

(10.08, -0.20, -1.95%)

2010-08-03

(9.30, -0.50, -5.10%)

(17.26, 0.04, 0.23%)



[ 9. 91 -1. 78%

10%

20%

[ 17. 08 -0. 12%

[ 25. 15 -1. 02%

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2011

<http://finance.ifeng.com/roll/20100806/2484018.shtml> Top

18 2600

2600

2010-08-16

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6.8%

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K

A 2550 2650  
2600  
2650

<http://stock.cnstock.com/market/jgkp/201008/770863.htm> Top

2010-08-19

.....

			(%)	
000578.SZ		5	7.57	21.47
000527.SZ		5	7.92	14.30
000572.SZ		5	6.10	5.91
002158.SZ		5	9.03	25.73
000590.SZ		5	18.93	9.30
002161.SZ		5	13.15	20.56

<http://sc.stock.cnfol.com/100819/123,1764,8253339,00.shtml> Top

## 20 ( )

2010-08-21

( ) (%)

.....

002158 24.68 2.03 24.82

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<http://zxqyb.stock.cnfol.com/100821/127,1340,8266012,00.shtml> Top

## 21

2010-08-24

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	2	[5.94	



(000821, ) 1100 -1300  
421 (600158,  
) (000988, )  
(002034, )  
90% 95% 2900  
, 200 (002004, )  
(002006, ) (002443, )  
(002005, ) 640% 670% 7  
2 52 1. 89  
2050 (000524, ) (000606, )  
(002143, ) 3000 - 4000  
4000 9  
(002245, ) 250% 280%  
1500 - 2000  
(002173, )

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2010

1-9

61.01%

2010 1-9

90% 140%

<http://stock.hexun.com/2010-08-28/124735674.html> Top

## 24

2010-08-30

.....

A

					(	
002154					24.12 26.23	2010-8-25
002158					30.49	2010-8-26
002252					73.00	2010-8-25

.....

<http://news.hexun.com/2010-08-30/124738077.html> Top

## 25

2010-08-30

602

2

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7

187

1 18



21.13%

2010      2012

0.66      0.98      1.32

<http://r.hexun.com/read.php?t=1&id=132399>      Top