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Evercool Iceman HPC-925 English Edition

por MadBoxpc.com

5-7 minutes

Intro

Copper Coolers, Aluminum Coolers, Coolers like flowers, Coolers like towers, Coolers with Heatpipes, Coolers with 80mm fans, Coolers with 92mm fans, Coolers with 120mm fans.

Well, we've too many alternatives when you're thinking about air-cooling, but there are always many questions Which one is better? Which one performs better? Which one looks nicer? After all you are looking for the best price/quality alternative and to choose wich one it's better for your expectation is a hard decision.

At this moment, it's time to test the ICEMAN HPC-925 Multiplatform CPU Cooler, it's an Aluminum Cooler with Nickel plated tower and heatpipes, we must thank EVERCOOL for send us this CPU Cooler for review.

Product Description





EVERCOOL

ICE MAN

HEAT PIPE CPU COOLER

HPC-925

Specification :

- Heat Sink Dimension : 93*93*98.5MM
- DC Fan Dimension: 92*92*25MM
- Voltage :12V

Heat pipe Technology:



only fan

- Speed:3000 RPM
- Air Flow:55 CFM
- Noise Level:30dB
- Speed:1500 RPM ~2800 RPM
- Air Flow:30~50 CFM
- Noise Level:18~26dB

**MORE SILENT!
MORE COOL!!**

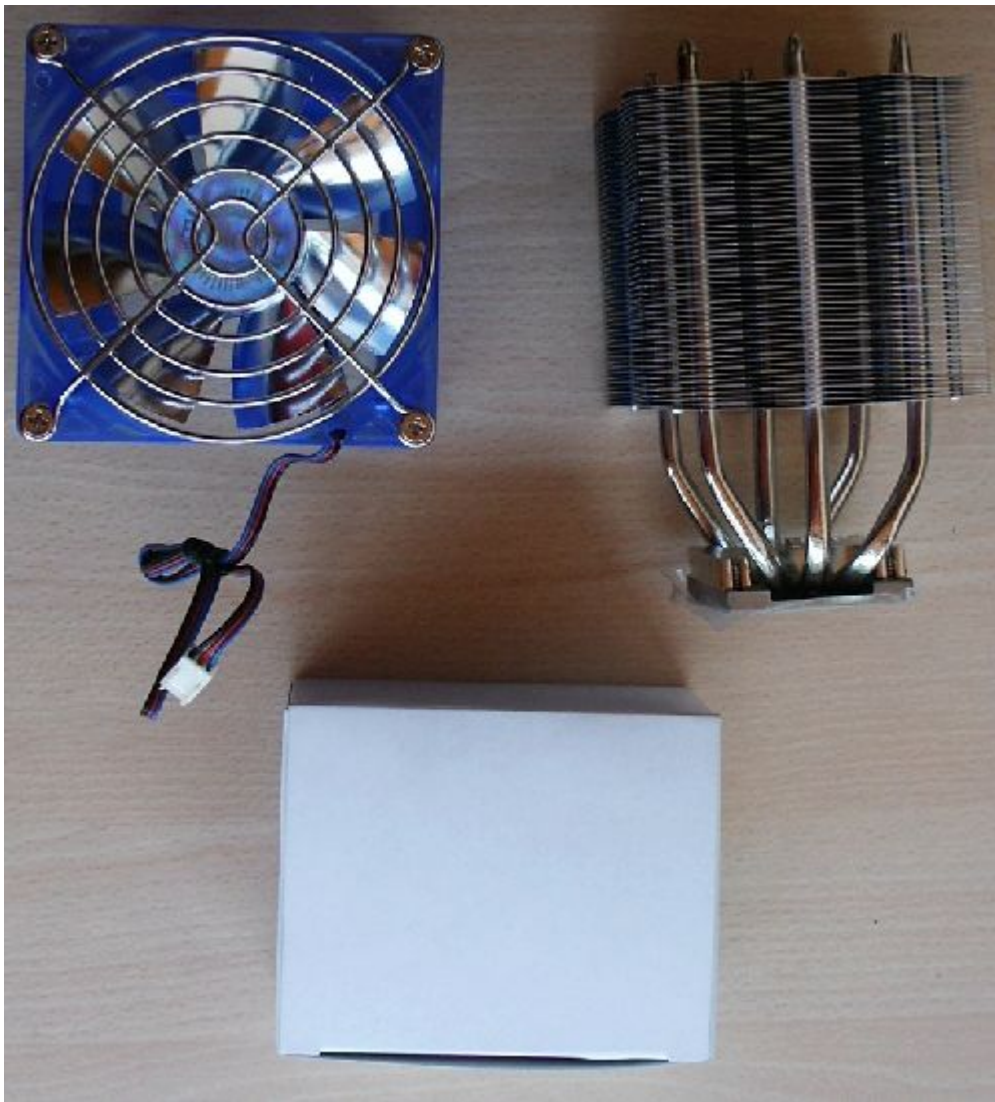
Features :

- Three set of heat pipes provides high thermal conductive efficiency and silent environment
- Heat Pipe with metal panel and special welding technology create seamless connection between fan and pipes
- Uses 92*92*25mm FAN provides noiseless environment & intake highest performance
- All in one design. Compatible with intel P4, LGAT75 and AMD K7, K8 intel P3

MADE IN CHINA

KEEP YOUR SYSTEM RUNNING COOL

It comes in a pretty regular display in this kind of products, it's a plastic box with the most important features of the products and product brief on it's backside.

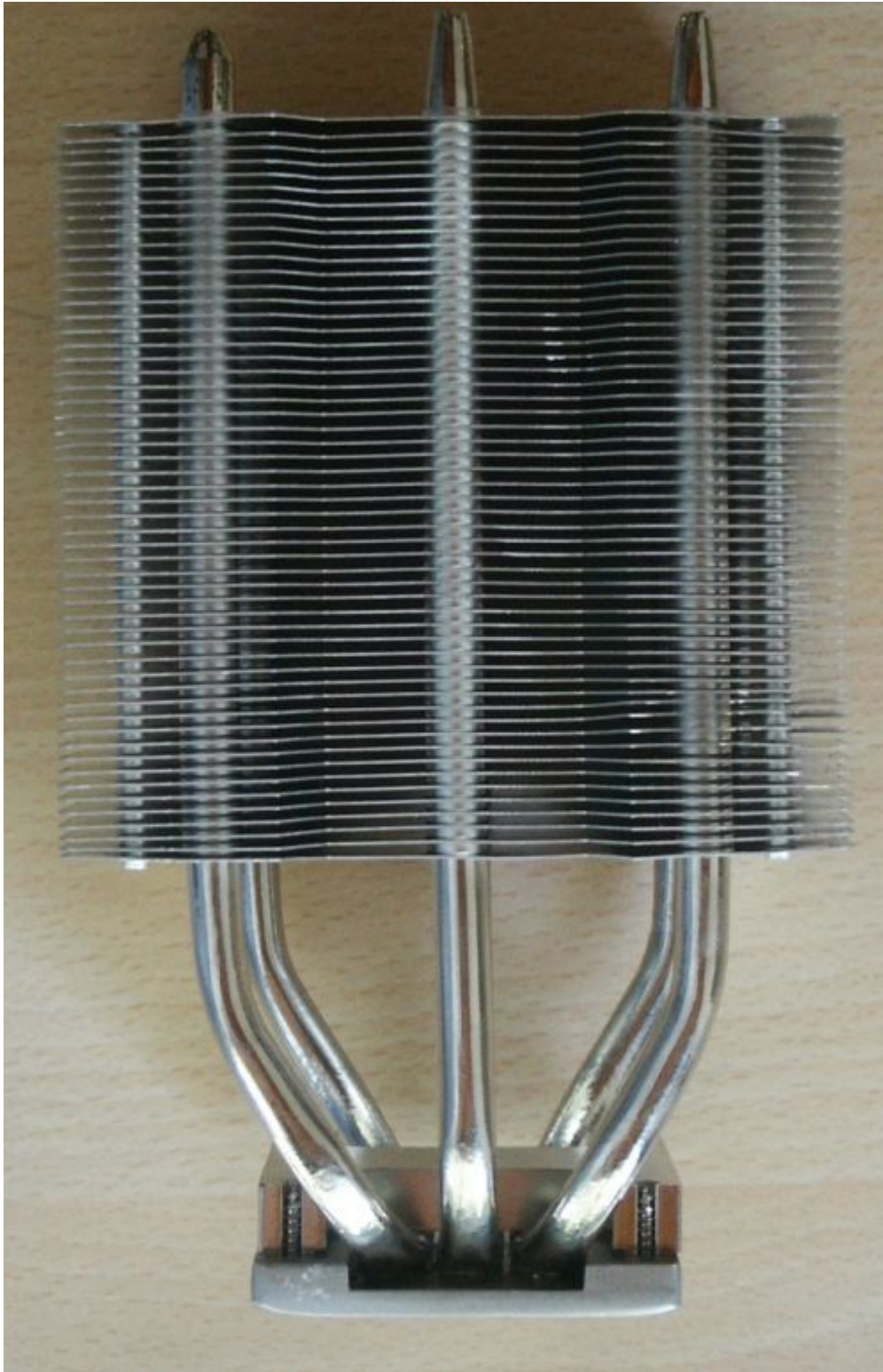


Here's a view of what's included in the display. We can see the aluminum tower, a little white box and a 92mm fan with it's mounting gear.



Inside the small box we find the briefing, the rpm regulator, mounting clips for socket A and K8(754, 939 and 940) and a set of screws and mounting plates for socket LGA775 and 478.





The Aluminum tower is big and heavy, its weight is almost 2 pounds (1KG). We can see the 56 plates and 6 heatpipes.



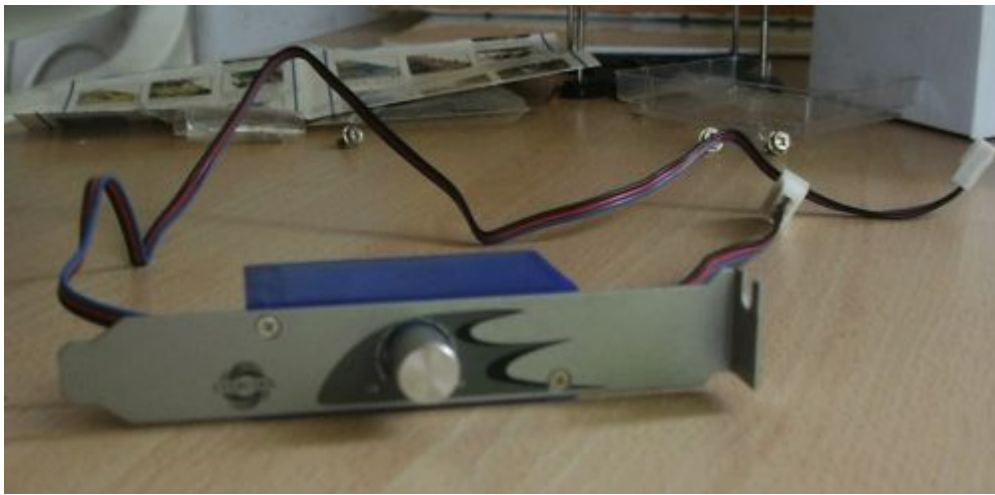
For those who can't read Chinese they even translated it...
(Editor note: what a boring joke I will kill myself)



Heatsink's base polished is outstanding, it is almost like a mirror, which guarantees an excellent contact with the CPU.



Here the blue 92mm fan with its mounting gear.



The PCI fan speed regulator.




The K8 Mounting clip looks almost like the BOX coolers mounting clip. We noticed this isn't the clip in the instructions (Nothing to complain, considering the other mounting clips were much more difficult to manage).




Here is everything needed to mount this cooler on a K8 system.

Specifications




Compatibility

- Compatible With INTEL P4, LGA 775, AMD K7, K8, Clip, All for you.



Specification

Heatsink Dimension :	93 x 93 x 98.5 mm
DC Fan Size :	92 x 92 x 25 mm
Base Material :	Heat Pipe
Bearing Type :	One Ball
Speed :	1500 ~ 2800 RPM
Noise Level :	18 ~ 28 dBA
Max Air flow :	30 ~ 60 CFM
Rated Voltage :	12 V.DC
Weight :	950 g



Features

- Three set of heat pipes provides high thermal conductive efficiency and silent environment .
- Heat Pipe with nickel plated and special welding techniques enable seamless connection between fins and pipes.
- All in one design. Compatible with intel P4 , LGA775 and AMD K7 , K8 .
- Uses 92x92x25cm FAN provides noiseless environment & make highest performance.
- The adjustable fan speed controller enables control of noise and fan performance.
- Can solve the high heat of 150w effectively .



Packing Detail

QTY:	@ 8 pcs
N.W.:	@ 7.6 kg
G.W.:	@ 10 kg
MEAST:	@ 1.43'
CTN Size:	48x38.5x22 cm



Not much to say about the specs, it has all been said there, now it is time to install the cooler.

Installation

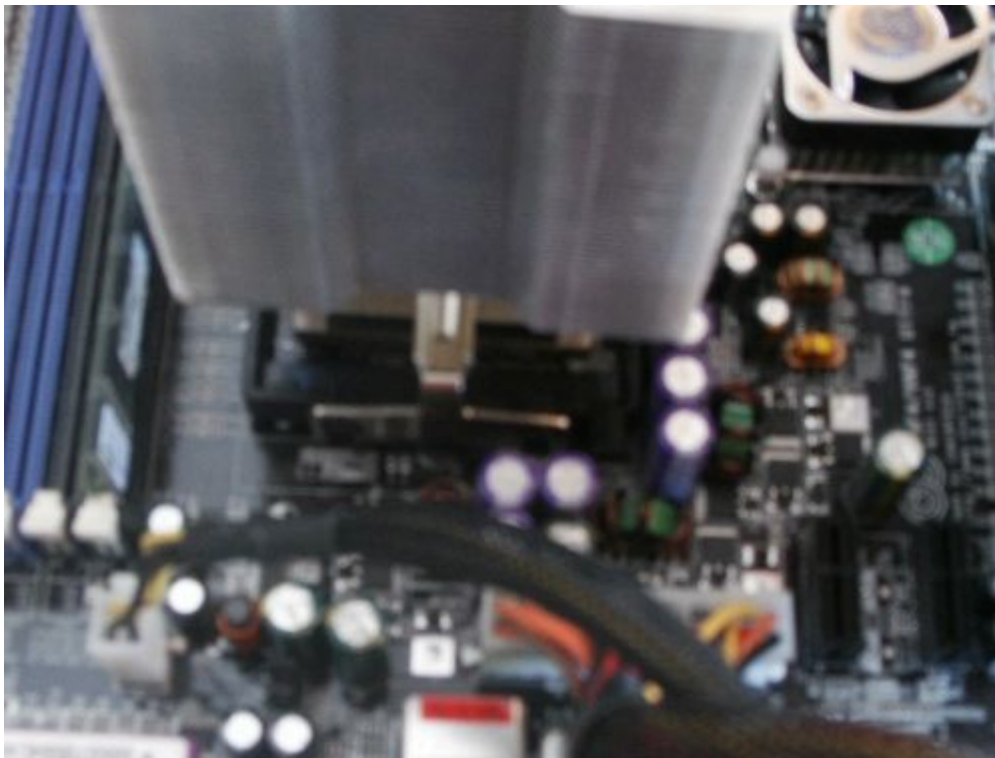
The first thing I did, even if you don't believe it, was to read the instructions. We look for the mounting pieces needed for the K8 installation and we notice we are missing the clip and two screws which are displayed in the instructions. But we find another clip that looks just like the ones used in the BOX Coolers of K8 CPU's.



Once the old Cooler is removed we are ready to install the new one.



Thermal grease applied...



Mounting the Heatsink tower...



...and securing the mounting clip.

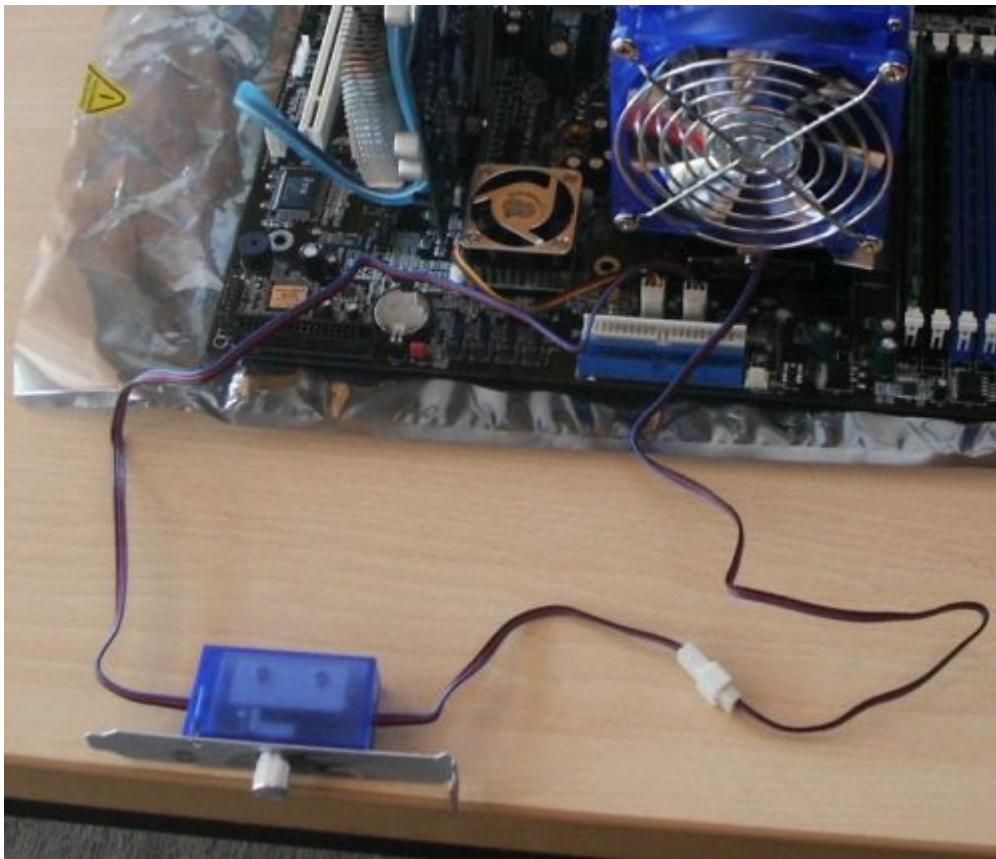




Now it is time to place the fan and the mounting gear on top of the tower. It has two positions, you just have to choose the one which you like.



We lock the mounting gear to the tower with the 4 screws included and...



Connect the fan's cable to the speed controller and the speed controller cable to the motherboard.



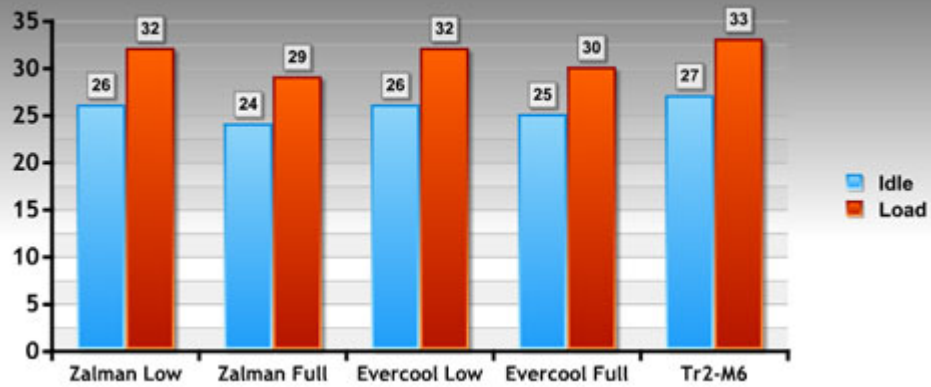
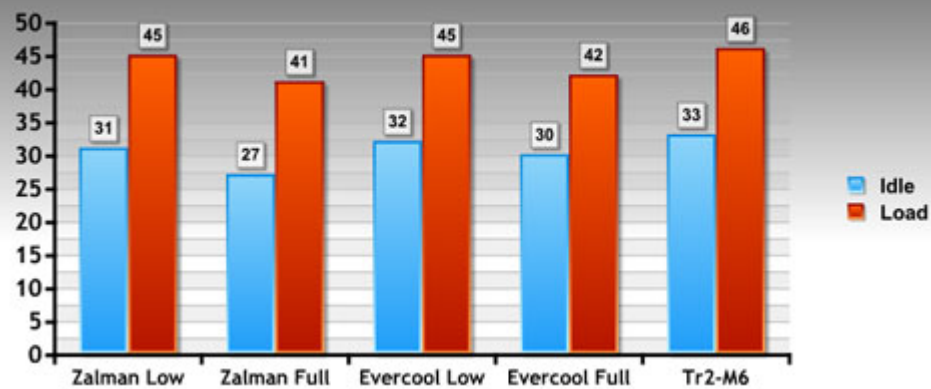
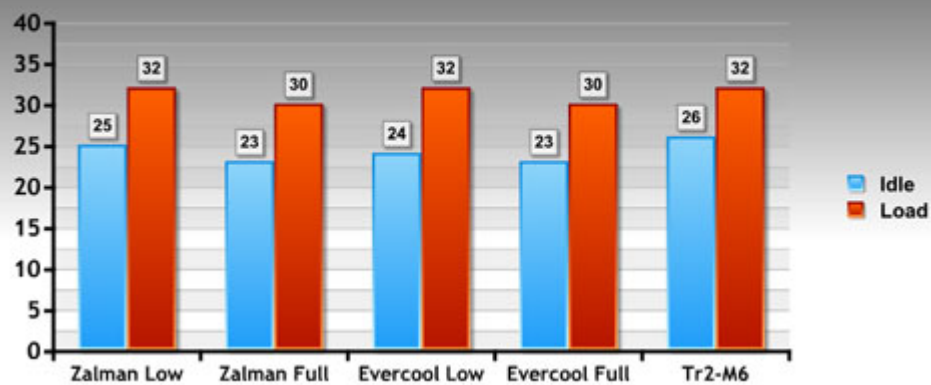
A simple installation, it didn't take more than 5 minutes to mount it and then be ready to test the monster.

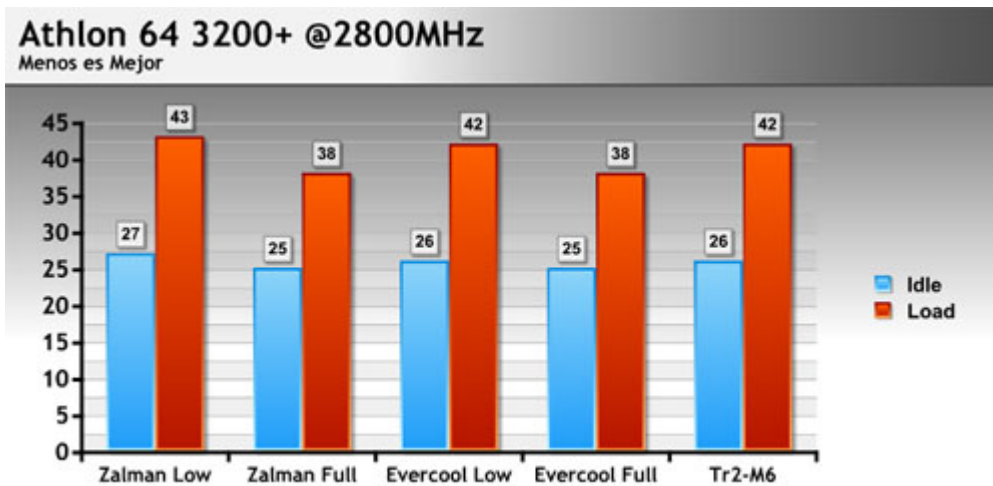
Tests

The tests were done on the following machine:

- CPU AMD A64 3200+ Venice
- CPU AMD A64 3000+ Venice
- Motherboard Chaintech VNF4 Ultra Zenith
- Memory 2x512Mb PC3200 Corsair Value
- Video Card de Video XFX 6600GT PCIe
- HDD Maxtor 80GB SATA
- PSU Tr2 430Watts
- Cooler EVERCOOL ICE MAN HPC-925
- Cooler Zalman CNPS 7000B-CU LED
- Cooler Thermaltake TR2-M6
- Windows XP Professional SP2
- Everest Ultimate Edition
- Cpu Burn-in

To make this review more interesting, 3 coolers were used to compared them in similar conditions with 2 different CPU's at a 23°C environment temperature. The measurements were done at stock speed and with a 50% overclock on a 3000+ Venice (2700Mhz at 1,7Vcore) and 40% overclock with a 3200+ Venice (2800Mhz at 1,7Vcore). We used a Thermaltake TR2-M6 at full speed to emulate a BOX Cooler, and the famous Zalman CNPS7000B-CU LED as the contender, at low and full speed. The measurements were done with Everest Ultimate Edition software.

Athlon 64 3000+ @1800MHz*Menos es Mejor***Athlon 64 3000+ @2700MHz***Menos es Mejor***Athlon 64 3200+ @2000MHz***Menos es Mejor*



As you can see the EVERCOOL ICE MAN was a fair contender for the famous Zalman 7000 series. It is also to be noticed that both, the Evercool and Zalman used at low speed perform like the TR2-M6 at full speed, which is like a BOX cooler would perform (or sort of it). We was impressed by the results of both high-end coolers, obtaining temperatures near and even the same as the environment temperature, this could be because of the lack of precision of the motherboard sensors.

Conclusions

Now that the review is done, we have to find the pros and cons of the cooler. First of all, we have to recognize the quality of the product, it is really well done. The installation was very fast and easy. The 92mm fan moves a lot of air and it does a little more noise than the Zalman, but you couldn't notice a BIG difference, at least i didn't.

The Good:

- Excellently manufactured
- Very good performance
- Easy installation
- Multisocket compatibility

The Bad:

- Very heavy
- Lack of leds to make it more eye-catching
- Outdated instructions
- It could include a 3,5 bay fan speed regulator

Thanks to

- EVERCOOL for providing us with this cooler to review
- MadboxPC for letting me in charge of these review(first one and hopefully not the last one)
- My family for letting me have a disaster with the Computer in the dinning room for a week
- Dom for the über editing skills in english
- to Chesterfield and Dracma to publish and correct the Dom's original translation
- And thank you for reading it...