

# Eliminator

CPU COOLER

TARGET THE HEAT...KILL THE NOISE



CoolIT  
SYSTEMS™

- MTEC Chilling Technology
- Improves CPU Performance
- Reduces Noise
- Simple Installation
- Fits Inside Chassis
- Maintenance-Free Operation
- Enhances PC Reliability
- Universal Compatibility



RELIABLE



CLOSED LOOP  
FACTORY SEALED



SYSTEM LEVEL  
NOISE REDUCTION



SIMPLE  
INSTALLATION

50,000hrs+

MAINTENANCE-FREE



UNIVERSAL  
COMPATIBILITY



ENVIRONMENTALLY  
FRIENDLY



SPACE- SAVING  
DESIGN





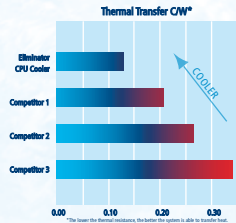
# Eliminator

## CPU COOLER

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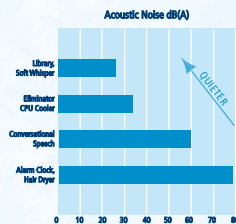
### Extreme CPU Cooling

The patented Eliminator system configuration includes multiple TECs (thermoelectric coolers) that provide unique liquid chilling for superior thermal performance.



### Eliminates Noise

Excessive noise is an irritating reality in many of today's PC systems. With the Eliminator installed, high-end PCs can operate to their full potential while remaining virtually silent.



### PATENTED COOLING TECHNOLOGY



The Eliminator CPU Cooler features the breakthrough MTEC™ liquid chilling technology from CoolIT Systems which provides unprecedented cooling performance while remaining virtually silent. This next generation technology far exceeds the capabilities of traditional water cooling. CoolIT Systems' patented MTEC™ technology chills the liquid effectively below ambient temperature to assure the ultimate performance from today's high performance processors and graphics cards.

### Simple to Install

- Factory configured system comes pre-assembled
- Sealed, closed loop system is maintenance-free
- Simple bolt-in installation for any standard case
- Designed and manufactured to be incredibly robust and durable
- Fits entirely inside the case
- Does not take up a drive bay or PCI Slot

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SYSTEMS™



### Eliminator CPU Cooler Detailed Specifications

<strong>CPU FHE (Fluid Heat Exchanger)</strong> Design Dimension Weight		Monolithic copper, multi-cell, single channel 42 X 42 X 17 mm 195g
<strong>Chiller and Pump Module Heatsink</strong> Design Dimension Weight		3-way dissipation plate, anodized alloy, laminar flow array 105(Diameter) x 60mm(Deep) 380g
<strong>TECs</strong> Design Dimension Weight Function		3 solid-state heat pump wafers 40 x 40 x 3.5 mm (each) 20g x 3 Active coolant thermal reduction
<strong>Chiller FHE's</strong> Design Dimension Weight		Tri anodized alloy distribution, multi-channel w/laminar flow 41 x 41 x 12 mm (each) 32g x 3
<strong>Fan</strong> Noise Bearing Type Life Cycle Dimension Function		34dB Enhanced life ceramic 50,000 hrs 92 x 92 x 38 mm Heatsink convection, chassis exhaust
<strong>Pump and Reservoir</strong> Design Bearing Noise Life Cycle Dimension Weight		12VDC coreless outrunner pump w/integrated expansion vessel Dual in fluid sapphire bearings <15dB 50,000 hrs 50 x 50 x 75 mm 360g

### CoolIT VS. Competitors

	Competitor 1	Competitor 2	Competitor 3	CoolIT Systems
Cooling Product	Water Cooling Kit	Water Cooling Kit	Water Cooling Kit	Eliminator CPU Cooler
System Type	Recirculating Water	Recirculating Water	Recirculating Water	Liquid Chill
*Thermal Transfer	0.34C/W	0.21C/W	0.27C/W	0.13C/W
**Max. CPU Temperature	46C	41C	41C	39C
Preassembled	NO	NO	NO	YES
Fan(s)	120mm X 120mm X 38mm	(2) 120mm X 120mm X 38mm	120mm X 120mm X 38mm	92mm X 92mm X 38mm
Control	Manual Fan Speed	None	Manual/Automatic Fan Speed	Manual Fan Speed
***Noise at Full System Output	49dB(A)	44dB(A)	49dB(A)	34dB(A)
Installs Inside Chassis	NO	NO	NO	YES
Non-toxic Coolant	NO	NO	NO	YES
Vapor Resistant Tubing	NO	NO	NO	YES
MSRP	\$125	\$220	\$440	\$199

Notes: \* Based on 100W load @ 0.62W/sq.mm simulated die heater. \*\* System level testing with AMD FX55 CPU, \*\*\* Background noise = 28dB

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