

### Precautions

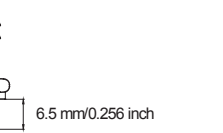
-Test product for leakage away from system before installing. All products are leak-tested prior to shipping; however, damage can occur during shipping and subsequent handling. Once no leakage is confirmed, proceed with the installation and use. Always check your circuit for leaks prior to powering-up system.

-Never use harsh chemicals to clean your water block. Alcohol or any other harsh solvent may cause damage to certain materials used in the manufacturing of the water block.

-keep this product and its associated installation items away from children.

### CAUTION!

Total thread length greater than 6.5 mm / 0.256 inch will cause damages to the top (cap). Enzotech will not guarantee this type of damage due to human factor.



### 1.Features

- 1)High density stagger fin design, provides maximum surface exposure area for superior cooling performance.
- 2)Water block's base is machined to .0003 per inch run-out which optimizes surface contact and maximizes thermal conductivity performance.
- 3)Multiple mounting systems for maximum installation versatility.
- 4)Compatible with most recent SLI motherboards.
- 5)100% leak tested and inspected direct from factory.

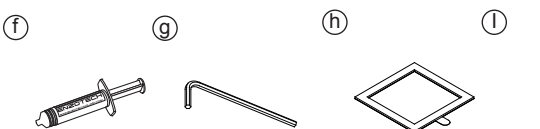
### 2.Specification

- 1.Dimension(L x W x H): 59.2x53.1x17.5mm
- 2.Base(L x W x H): 45x35x7.5mm
- 3.Total Weight:160g

### 3.Components

- 1.Common Components
  - a)One (1)User's Manual
  - b)One (1)Northbridge Water Block
  - c)One (1)O-Ring(Pre-Assembled)
  - d)Two (2)1/2" HI-Flow Host Barbs
  - e)Two (2)Tube Clamps
  - f)One (1), *Blue Silver Ceramic Thermal Grease (OEM)*
  - g)One (1)Allen Wrench #2
  - h)One (1)Sponge (For Flip Chip Users)
  - i)Four (4)M3X10L Screws

- One (1)Spring Mount Pack
- One (1)Wire Clips Pack
- One (1)Hard Mount Pack



### 4.Installation

#### (1).Spring Mount Installation

- Spring Mount Pack*
- A) Two (2) M3x30 Screws
  - B) Four (4) Fiber Washers
  - C) Two (2) Tension Limiters
  - D) Two (2) Thumb Screw s
  - E) Two (2) Springs
  - F) Two (2) Nuts

1. Remove old fan/heatsink from motherboard
2. Clean the surface of the northbridge chipset and apply the provided thermal compound evenly on the chipset surface
3. Install the two Mounting Posts/M3x30 Screw (A) as shown in the schematic and fasten them with Nuts (F) and Washers(B)
4. Install the Sapphire Northbridge Waterblock on the northbridge chipset. Install the Spring (E), Tension Limiters(C), and Thumb Screw(D)
5. Gradually and alternatively fasten the Thumb Screw until the proper tension is reached. DO NOT OVERTIGHTEN THE THUMB SCREW

### (2).Wire Clip Installation

#### (1).Spring Mount Installation

- Wire Clips Pack*
- A) Two (2) Wire Clips
  - B) Four (4) Spacers
  - C) Four (4) M3x10L Screws

1. Remove old fan/heatsink from motherboard.
2. Clean the surface of the northbridge chipset and apply the provided thermal compound evenly on the chipset surface
3. Install the Sapphire Northbridge Waterblock on the northbridge chipset

### (3).Hard Mount Installation

#### (1).Spring Mount Installation

- Hard Mount Pack*
- A) Two (2) M3x19 Screws
  - B) Four (4) Fiber Washers
  - C) Two (2) Nylon Spacers
  - D) Two (2) Nuts

1. Remove old fan/heatsink from motherboard
2. Clean the surface of the northbridge chipset and apply the provided thermal compound evenly on the chipset surface
3. Insert Screws (A) thru the top of the Sapphire Northbridge Waterblock.
4. Fasten Nylon spacers(C) and Washers(B), Place the waterblock on the chipset and fasten it from the back of the motherboard using the provided metal nuts (D)
5. Fasten the nuts alternatively and incrementally to maintain as even pressure on the chipset as possible.

### 4. Remove the top cover and mount the bracket.

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2. Clean the surface of the northbridge chipset and apply the provided thermal compound evenly on the chipset surface
3. Insert Screws (A) thru the top of the Sapphire Northbridge Waterblock.
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### 6.WARRANTY

Our products are guaranteed for 12 months from the date of delivery to the final user against defects in materials or workmanship. During this period, Product will be repaired or have parts replaced, provided; (I) the products is returned to the agent from which it was purchased; (II) the product has not been misused, handled carelessly or other than in accordance with any instructions provided with respect to its use. This guarantee does not confer rights others than those expressly set out above and does not cover any claims for consequential loss or damage. This guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer.

### 7.Important Disclosures:

Enzotech is not responsible for any damages due to external causes,including but not limited to, improper use, problems with electrical power, accident, neglect, alteration,repair, improper installation, or improper testing.