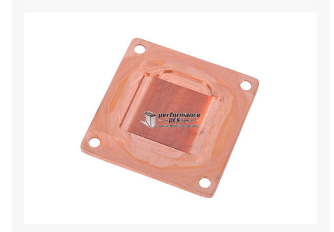
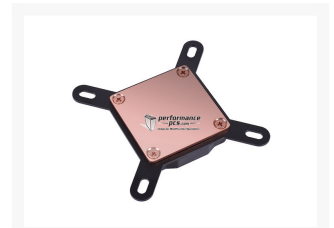


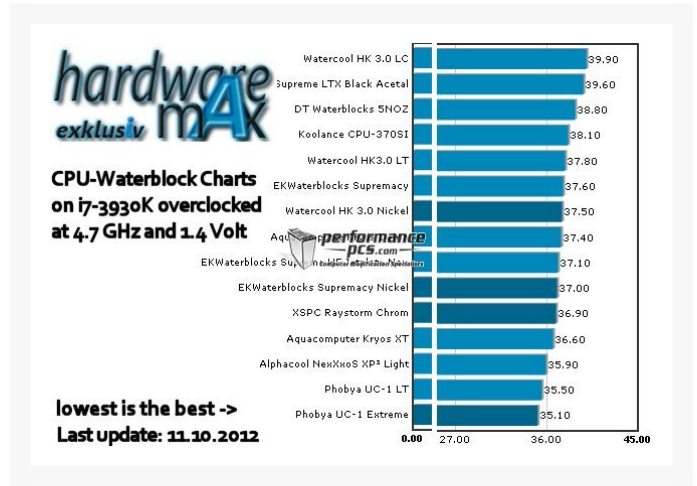


# Phobya CPU-Cooler UC-1 Extreme Intel 775,1155,156,1366,2011 - Brass Edition

\$46.50

## Product Images





## Short Description

This water block truly deserves its name: "Phobya Ultra Cooling, version one", or short UC-1. At the core of the Phoby UC-1 lies a new middle layer, based on the patented micro channel recirculation technology which was already successful in the UC-1's predecessor. Further development of this design for use with a slot structure in the cooling plate allowed the creation of a CPU water block which plays amongst the best on the market. Not only excellent cooling performance, but also outstanding design and quality make the water block unique and innovative.

## Description

### The new CPU water block from Phobya - a masterpiece of technology!

This water block truly deserves its name: "Phobya Ultra Cooling, version one", or short UC-1. At the core of the Phoby UC-1 lies a new middle layer, based on the patented micro channel recirculation technology which was already successful in the UC-1's predecessor. Further development of this design for use with a slot structure in the cooling plate allowed the creation of a CPU water block which plays amongst the best on the market. Not only excellent cooling performance, but also outstanding design and quality make the water block unique and innovative. Upon introduction to the market, the Phobya UC-1 immediately climbed to the very top of the CPU water block market [Cited date 14.6.2012 source: [Hardwaremax](#)]

## Features

### Technical aspects:

A protective foil protects the polished underside of the water block. Please remove this foil before installation! 56x56mm in size, the cooling plate features an extremely fine slot structure which is one of the most advanced on the market. 68 cooling channels fill a surface area of 35 x 31.3mm, each only 0.2mm wide. The fins in between the slots also have a thickness of only approx. 0.2mm. Above the slot structure, an approx. 1mm thick middle plate is inserted. It serves two purposes:

- 1: In the middle an injection slot is placed, perpendicularly directing the coolant collected from the inlet chamber into the cooling channels
- 2: At the bottom of the middle plate coolant recirculation channels are implemented. These channels increase flow rates and create micro-turbulence caused by cross-flow, further increasing cooling performance

A wide array of tests was conducted to determine the one design which lead to the ideal result. Width, length and number of injection slots were varied until the desired result was achieved. An innovative coolant drain system rounds off the design of the water block, featuring two recirculation channels from the outlet collection chamber to the outlet. For maximum fitting compatibility, the connection threads are spaced 23mm apart (center to center), even allowing the use of tubing with an outer diameter of 16mm! As a result of this well-rounded and innovative design, the Phobya UC-1 achieves sensational cooling performance on single-, dual-, quad- and even hexa-core CPUs!

#### **Optical aspects:**

The black gloss design was further improved and now comes in a more elegant version. Besides the black glossy top plate, both mounting plate and screws are now completely black. Laser engraving on the top plate marks In- and outlet with arrows. Two versions of the water block are available, one compatible with AMD and one with Intel.

Versions:

In the "Extreme" version (Art. 10422), this water block unleashed the full potential of the ciro channel recirculation technology. A full metal top improves both haptic quality and makes additionally increased performance possible. The UC-1 Extreme version gives a maximum of performance and is perfect for extreme overclocking. If you are looking for the most from your system, this water block is ideal for you. The "LT" versions (Art. 10401) allows affordable entrance into the high-performance sector, with a performance only 2-3K below the "Extreme" version (tested on a Core i2970K quad core CPU). TOP-performance with an affordable pricetag - that is the LT version!

## Specifications

---

#### **Technical specifications:**

- Material water block: Copper, Brass
- Material mounting plate: Aluminium
- Dimensions Intel version: 94 x 94 x 15mm
- Weight: 274g
- Connection thread size: G1/4"
- Mounting screw size: M4
- Compatibility: Intel: 775, 1366, 1156, 1155, 2011, Xeon
- The mounting manual can be read [here](#).

#### **Extent of delivery:**

- 1x Phobya CPU-Cooler UC-1 Extreme Intel 775,1155,156,1366,2011 - Brass Edition
- 1x Thermal compound Phobya HeGrease Extreme
- 1x Mounting material

#### **Note:**

The water block is shipped assembled and pressure-tested. In case of disassembly of the water block the warranty on seal tightness is void.

**IMPORTANT: HAND-TIGHTEN FITTINGS ONLY!** Damages to the top plate caused by improper use are not covered by the warranty!

## Additional Information

---

Brand	Phobyia
SKU	PH-10422
Weight	1.5000
Color	Black
CPU Series	Intel 115x/2011/1366/775/2066
Block CPU Type	Intel
Block Style	Copper-Brass
Vendor SKU/EAN	4049469147341

