



CPU Closed Loop Water Cooling Kit
Installation Guide



The following instructions and pictures are provided to assist your installation of the EVGA CPU Closed Loop Water Cooling Kit to Intel LGA20XX / 1366 / 115X and AMD FM1 / 2, AM2 / 3 / 4 motherboards. Please be careful when installing the cooling kit; there several very small fasteners that can be stropped if you are not careful. Before you begin, please verify the contents of the box to ensure that the following items present:



(A) Intel LGA20XX
(2011, 2011-v3, 2066)
(M4 thread)



(B) Intel LGA115X / 1366
(1150, 1151, 1155, 1156, 1366)
(M3 thread)



(C) AMD AM2 / AM3 / FM1 /
FM2 (UNC 6-32 thread)



(D) AM4(UNC 6-32 thread)



(E) Intel LGA115X / 1366 /
20XX Retention Ring



(F) AMD AM2 / AM3 / AM4
FM1 / FM2



(G) Intel LGA115X / 1366



(H) Screw Nuts (M3 thread)



(I) USB Cable

Intel Backplate Installation

1)

If you are an Intel LGA115X or 1366 user, please put Part G on the back of motherboard. Side standoffs to line up with cooler mounting holes in your motherboard. Please skip this step for LGA20XX and AMD motherboards; backplates are not used for LGA20XX sockets and AMD backplates are supplied with the motherboard.

Intel LGA115X

Intel LGA1366

(G)



a. Screw standoff base into backplate. B C or D



b. Place retention ring over standoff top. E or F



c. Screw retention ring in place using screw nuts. H



2)

Next, screw the standoff into the backplate of the motherboard. For LGA115X and LGA1366 sockets, please use the M3 thread (Part B) to screw standoff into the baseplate. LGA20XX users should use M4 thread (Part A) to screw standoff into the threaded mounting holes at the corners of the socket's retention clamps. Use the UNC 6-32 threads (Part C & Part D) for the AMD platform.



3)

Make sure the correct retention ring is installed on the pump / cooler, and then install the unit onto the standoffs. We included an Intel and AMD retention ring in the package, with the Intel ring preinstalled. To change the retention ring, turn the ring counter-clockwise and remove the ring from the pump.



4)

Secure the retention ring using screw nuts. Please follow the tightening order; this helps to prevent CPU and / or socket damage.



AMD AM4 Installation

Prepare AM4 standoffs, screws and retention ring. Replace the default Intel retention ring by twisting counter-clockwise, remove the ring from the pump, then replace the ring with the AMD retention ring and secure the ring by twisting clockwise.



(D) AM4(UNC 6-32 thread)



(H) Screw Nuts (M3 thread)

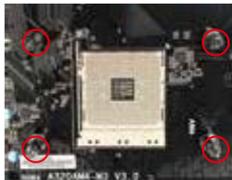
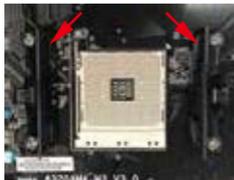


(F) AMD AM2 / AM3 / AM4
FM1 / FM2



1)

Remove plastic bracket on MB. Install part (D) standoff screws on the four posts.



2)

Install the pump onto the standoffs. Secure the retention ring using screw nuts. Please follow the tightening order; this helps to prevent CPU and / or socket damage.



Intel and AMD steps after installing the pump / CPU WB

A.

Install radiator and fan (intake provides the best performance). Connect fan and pump to the motherboard's 3- or 4- pin fan headers; please check your motherboard's manual for the location of its fan headers, as connecting this to an incorrect jack can potentially cause irreparable damage to components.

It is recommended to enter your motherboard BIOS and set the fan header connected to the CLC to 100%. Otherwise you may get a WB not detected error in your OS.



B.

Install the USB cable to enable PWM-tuning via software. Connect the cable from the CPU pump to the USB 2.0 front panel header on the motherboard.

The CPU Water Block software can be downloaded at the link below:

<http://www.evga.com/support/download/>



Important Information

EVGA CPU Closed Loop Water Cooling Kit is an AIO (All-In-One) cooling system. With AIO Water Cooling Systems, you do not need to add any coolant, and the system is completely self-contained. All EVGA CPU Closed Loop Water Cooling Kits are leak tested at the factory, and are ready to install when received.

Warranty for the EVGA CPU Closed Loop Water Cooling Kit

Your EVGA CPU Closed Loop Water Cooling Kit comes with a 5 (five) year warranty. Refer to your motherboard's warranty information before installing the EVGA CPU Closed Loop Water Cooling Kit. Should you damage your motherboard during the installation process, EVGA will not be held liable for the physical damage of your EVGA CPU Closed Loop Water Cooling Kit, case, motherboard or any associated hardware when damage is caused by improper installation.