AQIRYS HYDRA Series Practical Approach CPU Cooling Speaker User Manual

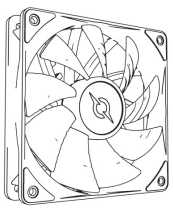
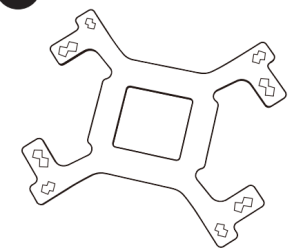
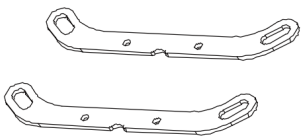
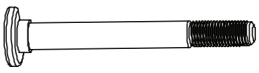
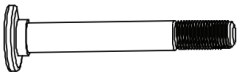
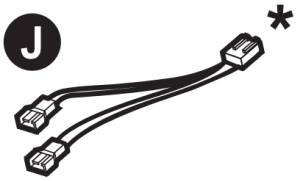
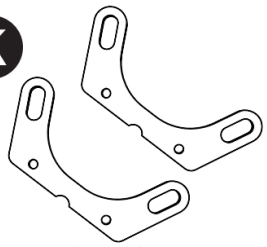
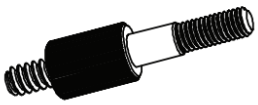
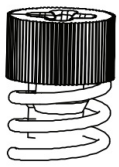
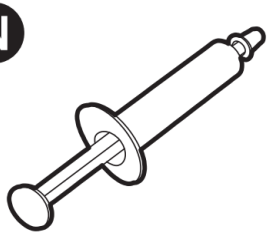
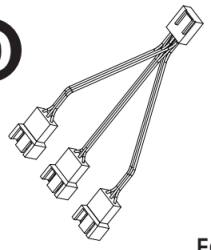
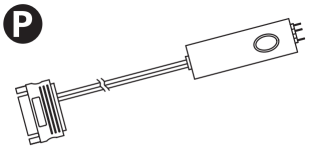
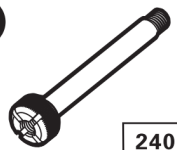
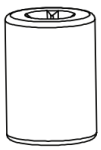
AQIRYS HYDRA Series Practical Approach CPU Cooling Speaker

Contents

Thank you

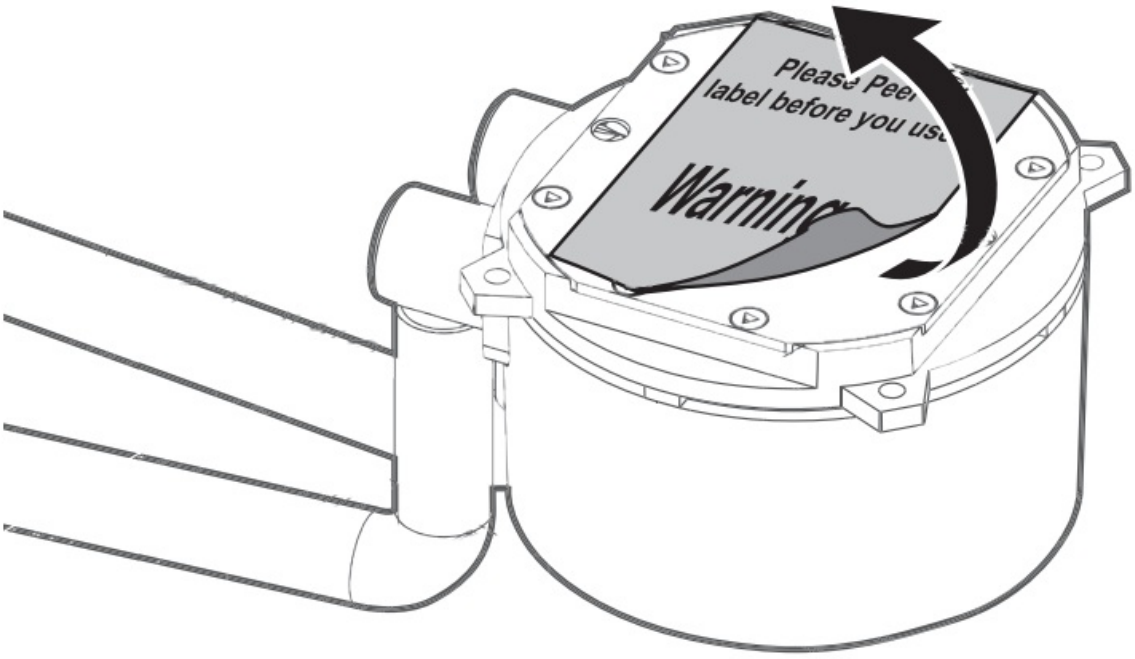
Thank you for choosing the AQIRYS Hydra All-In-One CPU liquid cooling system. The Hydra series delivers excellent all-around cooling performance for your CPU, including adequate capacity to cope with normal over docking parameters, all beautifully complemented by brilliant ARGB illuminated pump and fans.
Please take a moment and carefully read this manual before installing your new liquid cooling system.

Included accessories

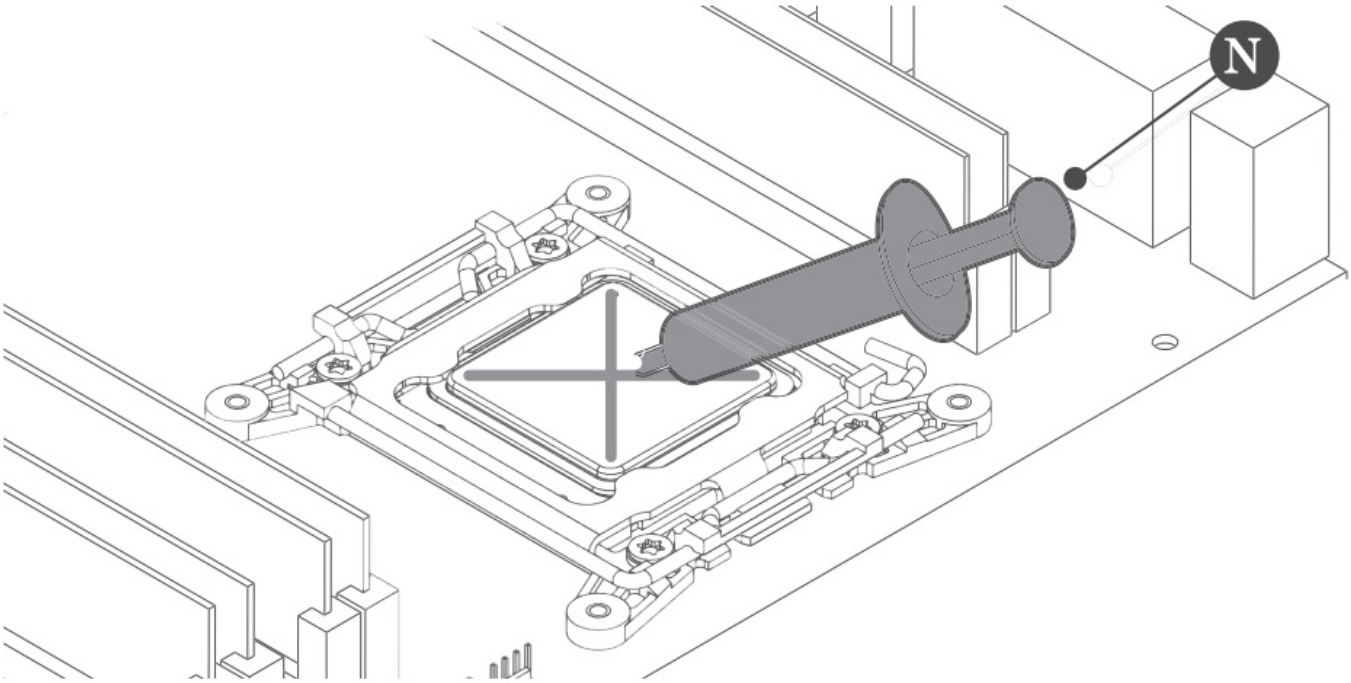
A  120 mm fan 240 X2 360 X3	B  Intel/AMD backplate X1	C  Intel bracket X2	D  Radiator screw 240 X8 360 X12
E  Intel 115x/1200 screw X4	F  Intel 1700 screw X4	G  Fastener screw X6	H  Screws fixing X4
I  Intel 20xx screw X4	J  * 2-Fan PWM adapter cable X1 FOR AIO 240	K  AMD bracket X2	L  AMD screws X4
M  Intel/AMD screws X4	N  Thermal paste	O  * 3-Fan PWM adapter cable X1 FOR AIO 360	P  ARGB controller
* door cu modelul specific at * only with the specified m odel	Q  Fan screw 240 X16 360 X24	R  Washer X4	S  Backplate fixing X4

WARNING!

The base of the pump is covered with a protective foil. Remove the foil before installation!

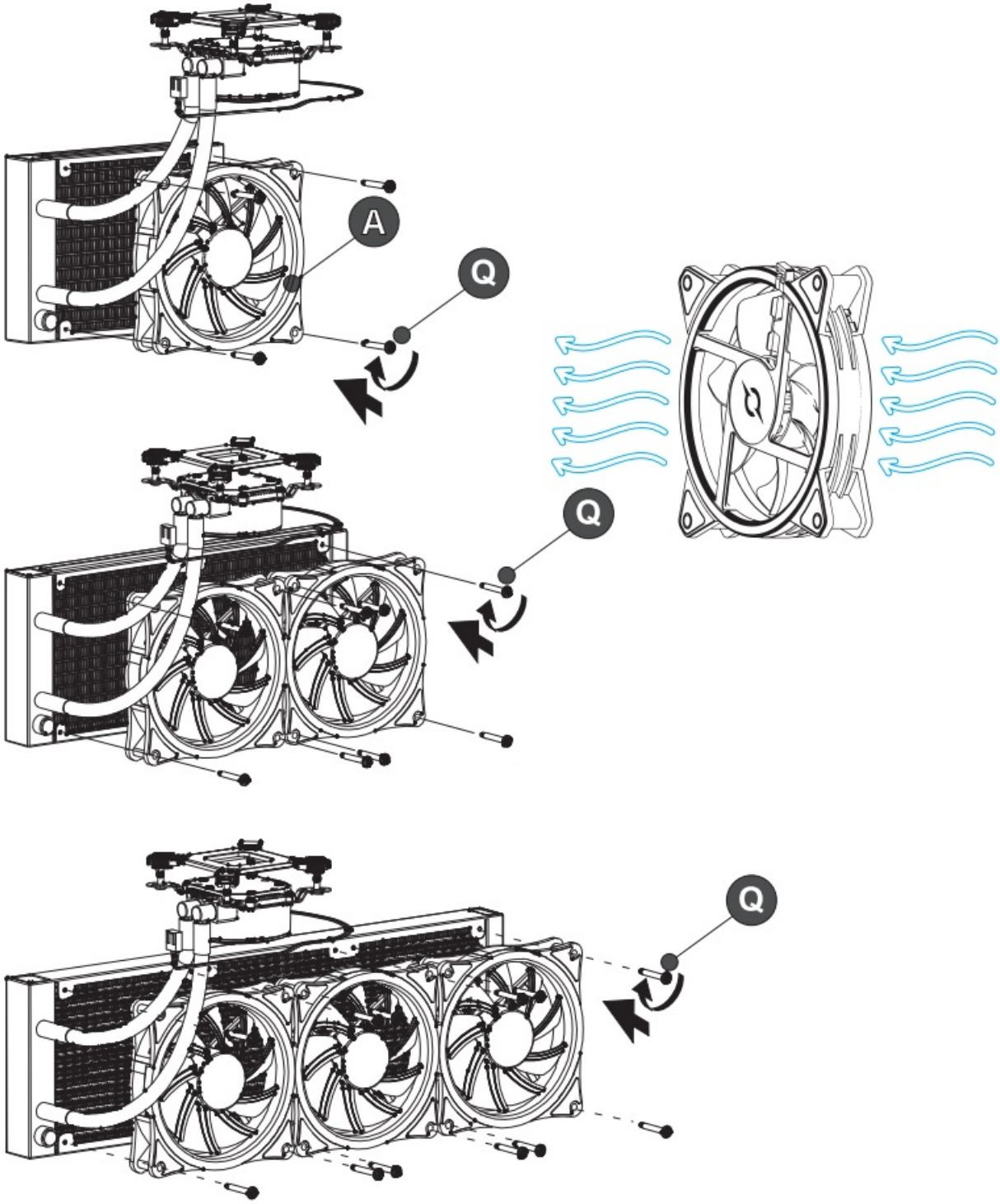


Apply the thermal paste (N) to the surface of the processor before installing the pump. For maximum efficiency in thermal transfer, it is recommended to apply the paste in the shape of an X on the processor. This method ensures even distribution of the paste once the pump is mounted and pressed down. Before applying, make sure to remove any traces of old thermal paste from the processor's surface. It is important not to apply the thermal paste excessively, as this can impact the cooling performance.



Fans installation

Attach the fans lo the radiator using the screws (Q).
We recommend the positioning and installation of the Ions so thot the generated airflow will introduce cold air from outside through the radiator.



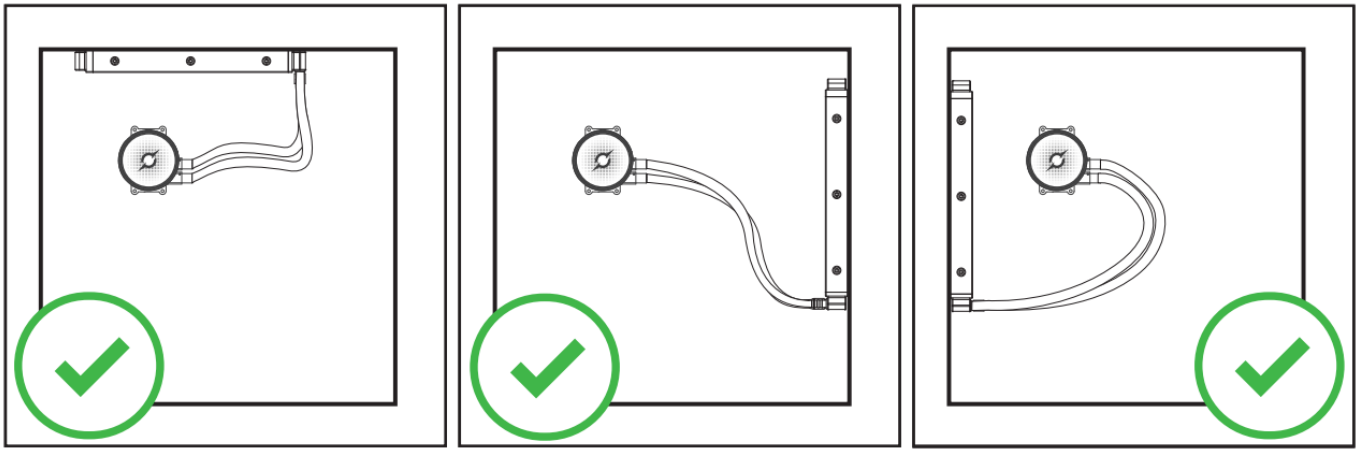
WARNING!

To avoid accidental perforation of the radiator, tighten the screws gradually without applying excessive force at the end.

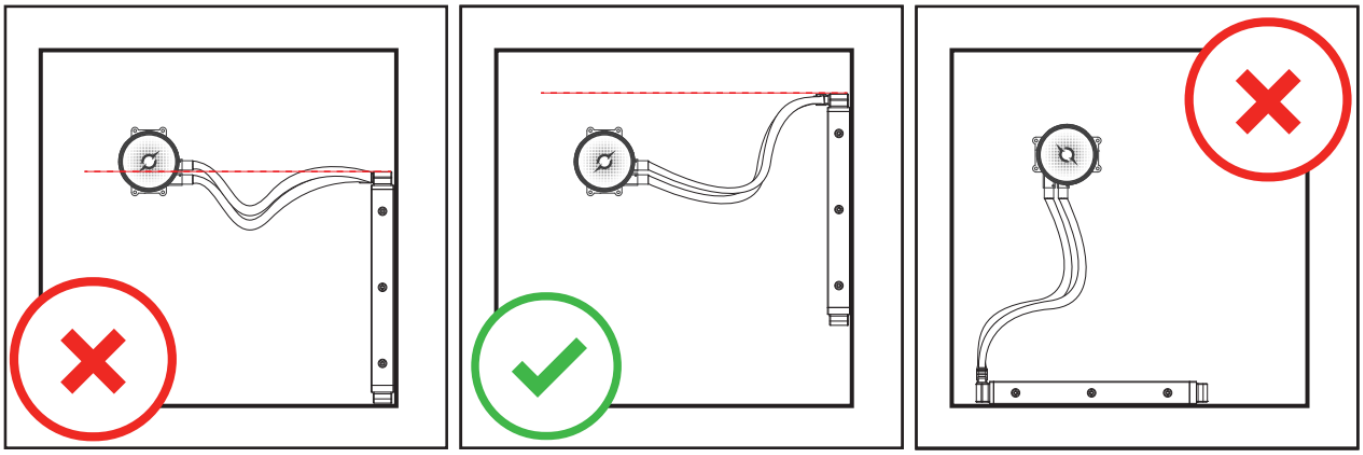
Radiator installation

To avoid the influx of air from the circuit into the pump and achieve optimal performances and operation within parameters, please install the radiator respecting the adjacent images.
Install the radiator in the case using the screws (D). To avoid accidental perforation of the radiator, tighten the screws gradually without applying excessive force at the end.

Recommended

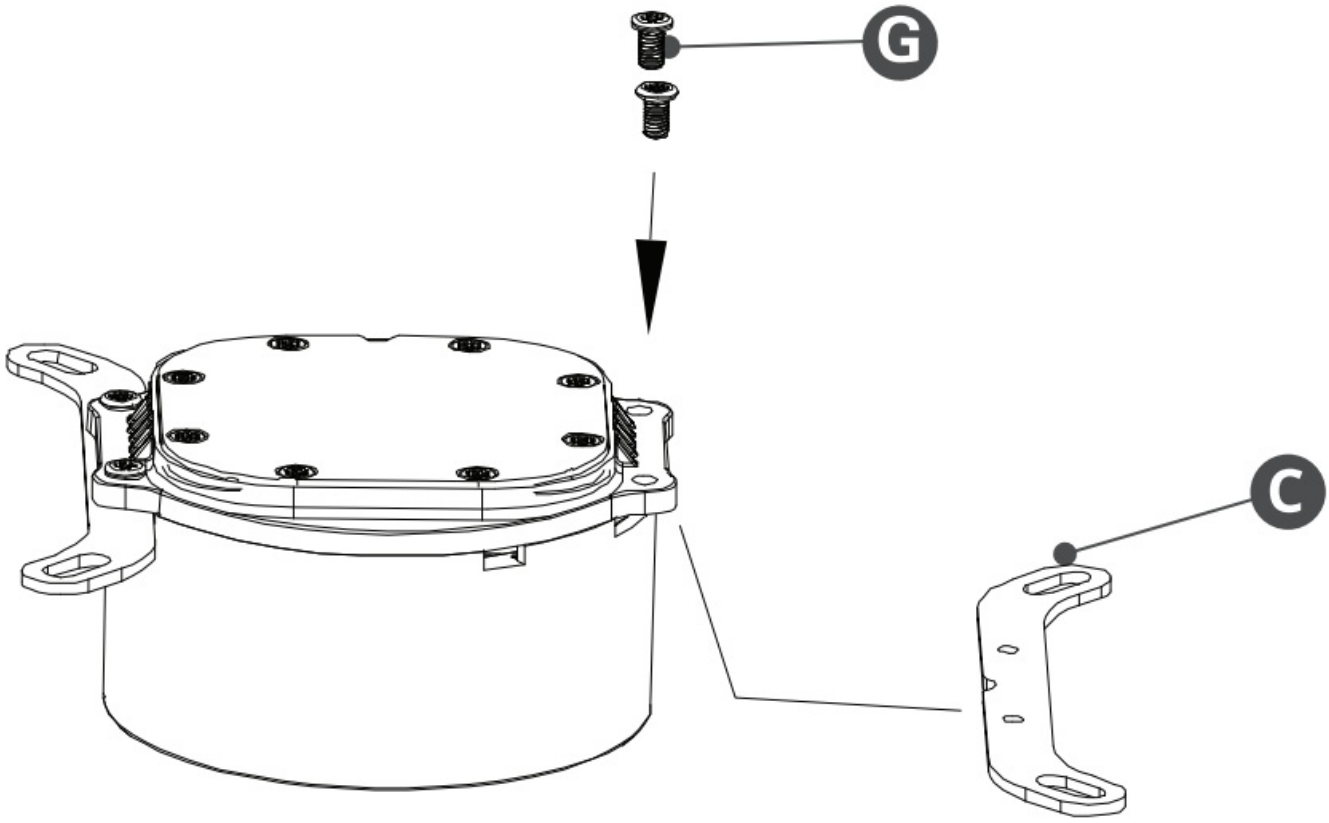


WARNING!



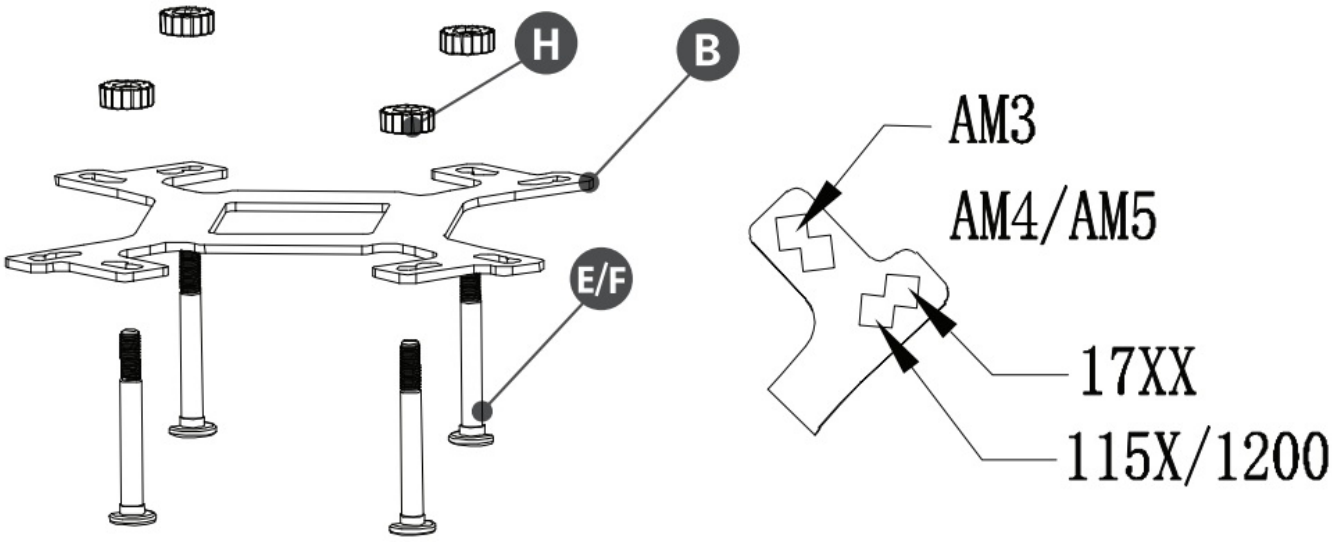
Pump installation – INTEL

Attach the Intel fasteners (C) to the pump using the screws (G) and following the positioning in the image.

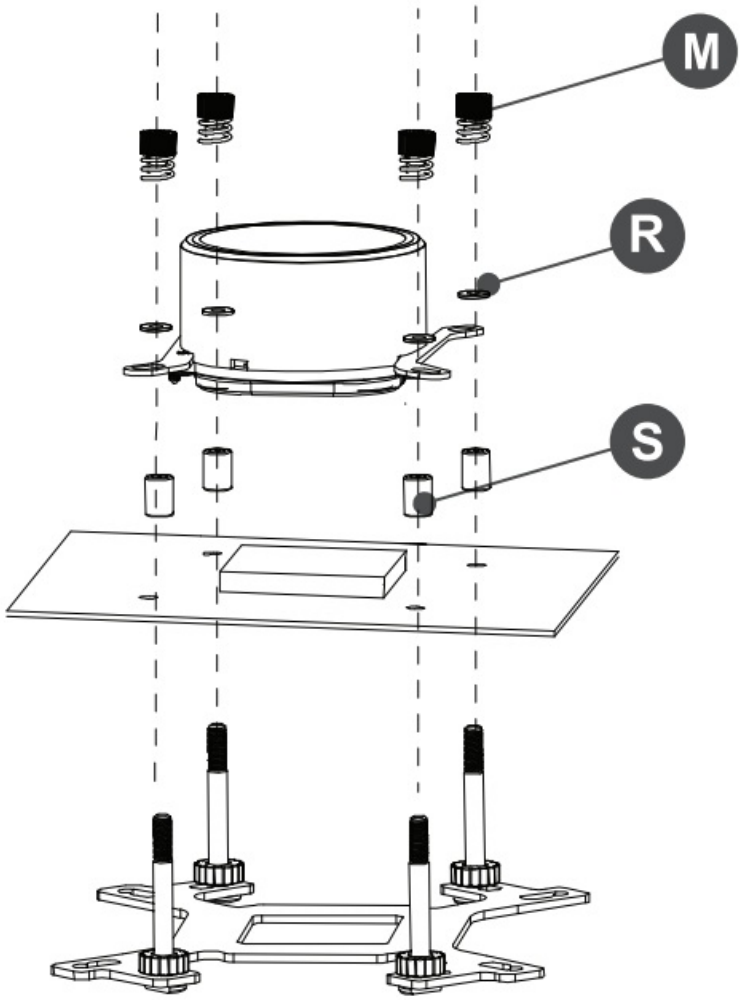


Pump installation – INTEL (115x/1200/1700)

Set up the backplate (B) for the corresponding processor socket, positioning all four screws in the designated place (for socket 1700, 115x, 1200}.

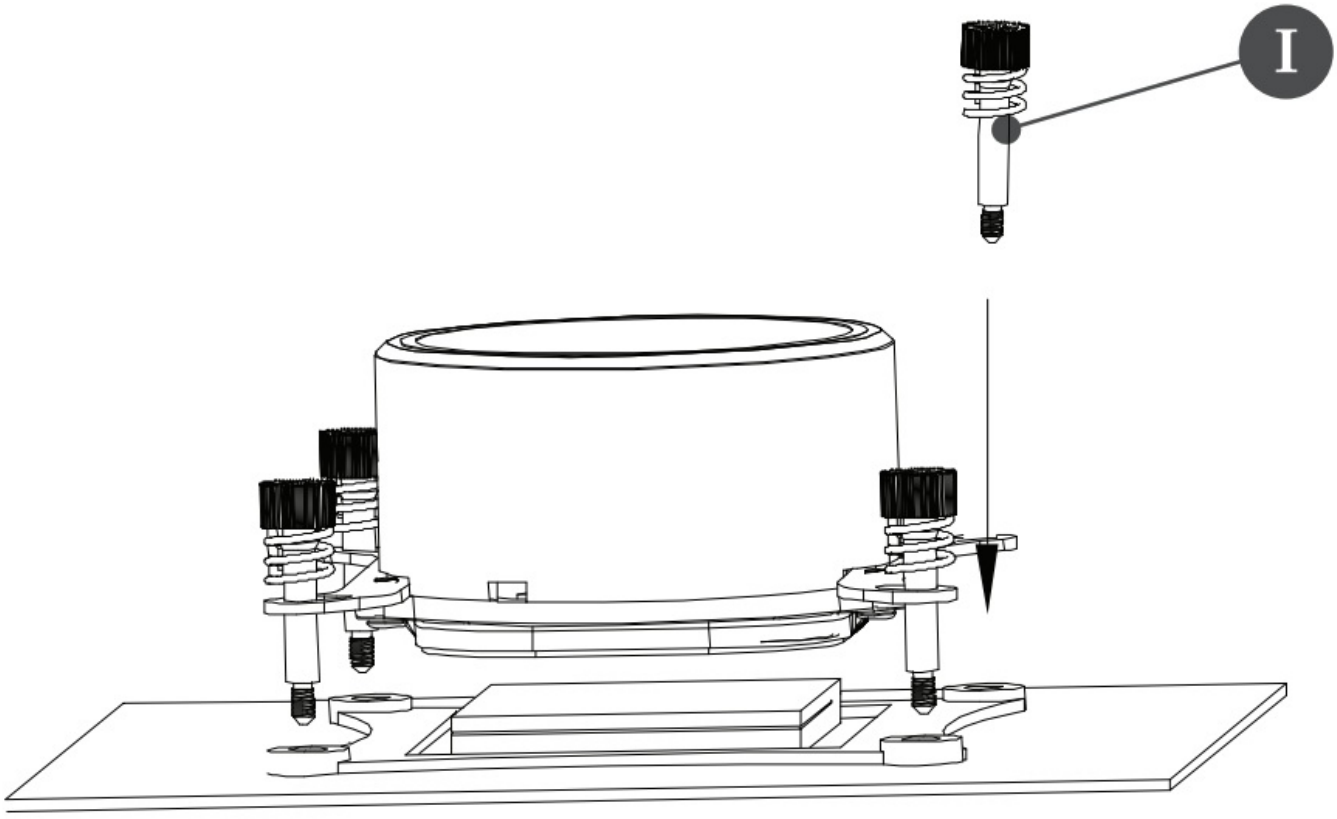


Install the pump and secure it to the backplate using screws (E) For socket l l 5x/l 200 or (F) For socket 1700. Before beginning the pump installation, do not forget to install the spacer (S) and washer (R) to ensure the correct and stable mounting of the pump. Tighten the opposite screws (M) gradually and in turn (diagonally) without applying excessive force at the end.



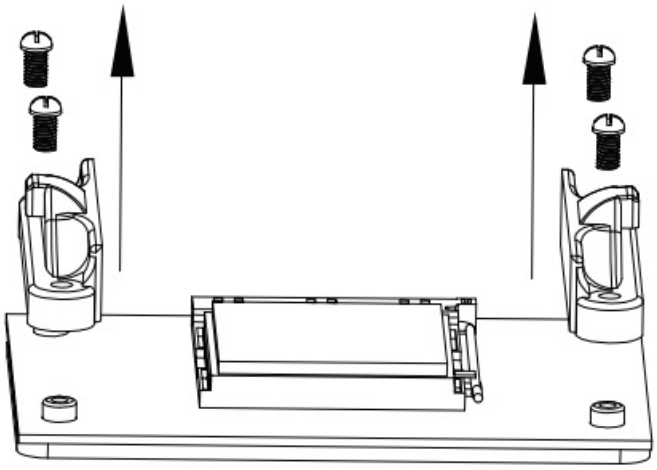
Pump installation – INTEL (20:xx)

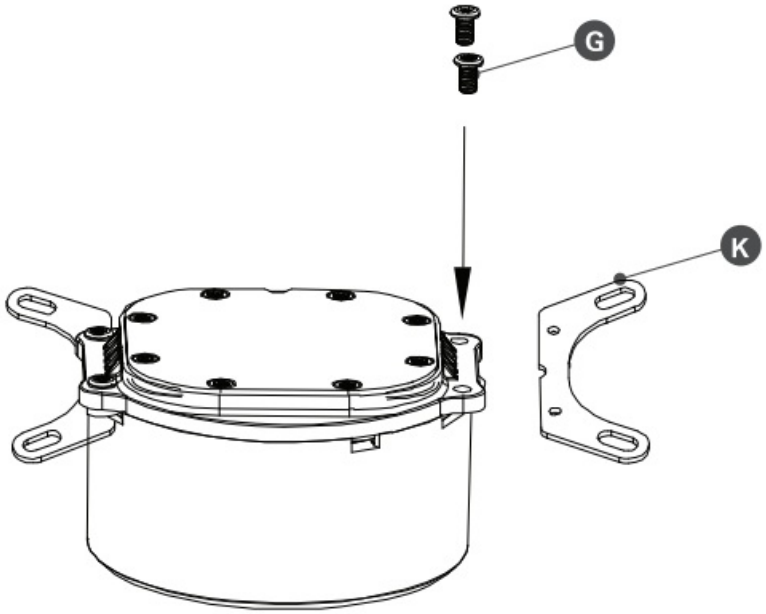
Install the pump and secure it to the Intel mounting system using the 20xx socket screws (I). Tighten the opposite screws (diagonally} one at a time and gradually without using excessive force at the end.



Pump installation -AMD

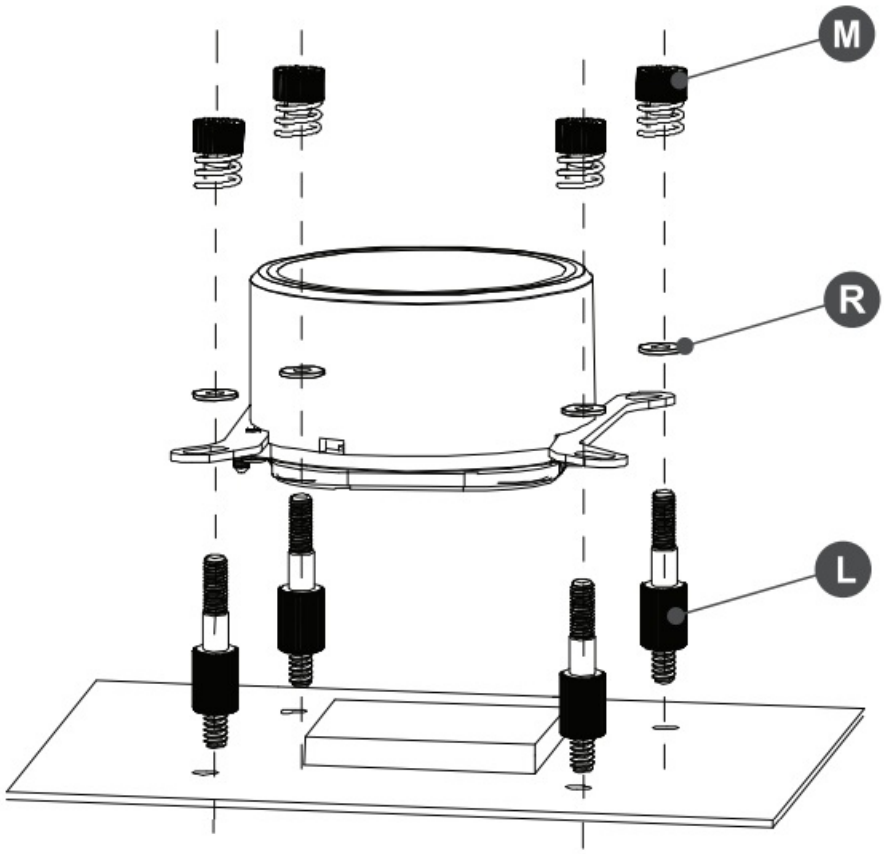
For installing the pump on a motherboard with an AMD socket, it is necessary to first remove the pre-installed auxiliary support from the AMD socket. Then follow the instructions For mounting the pump.





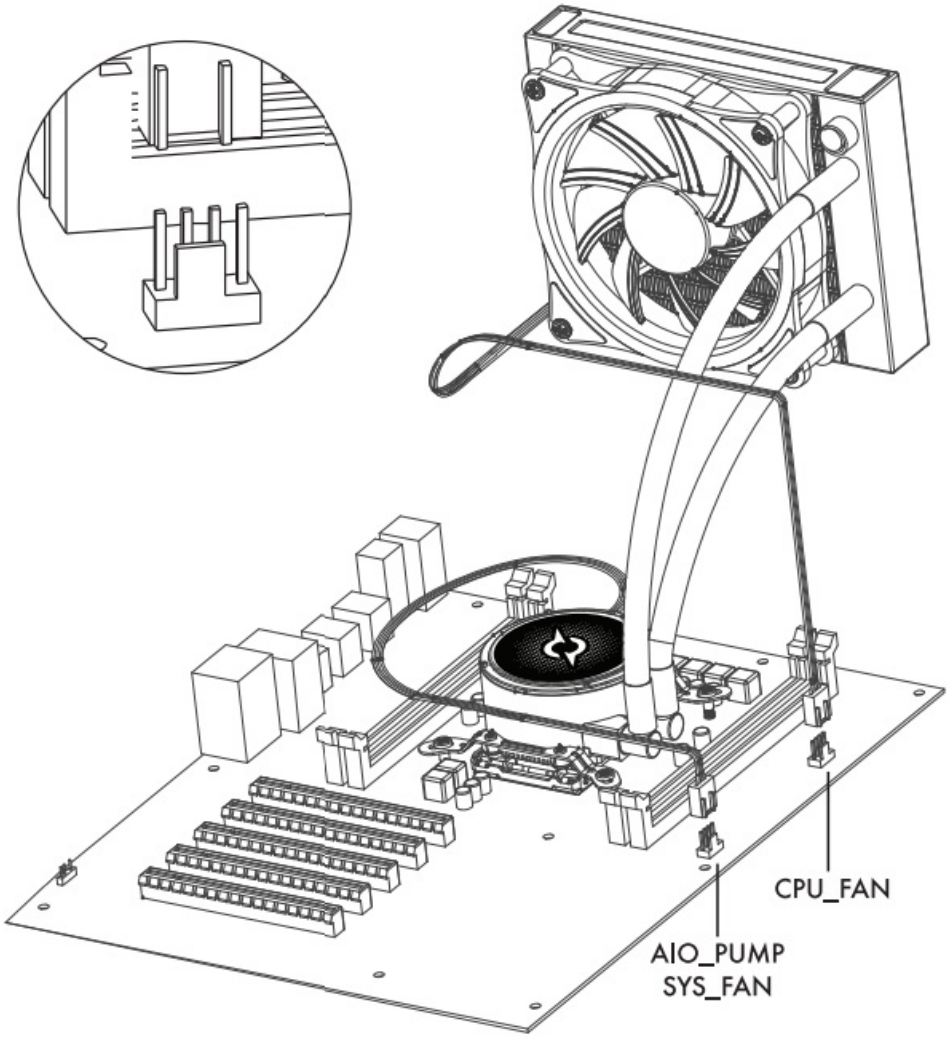
Attach the AMD brackets (K) to the pump using the screws (Gland following the positioning in the image.

When installing the pump on an AMD motherboard, first attach the four screws (L). For AM4 socket, use washers (R) to maintain proper distance between the pump and the processor. For the AM5 socket, washers (R) are not needed. Tighten the screws (M) gradually, in sequence, without applying excessive Force at the end.



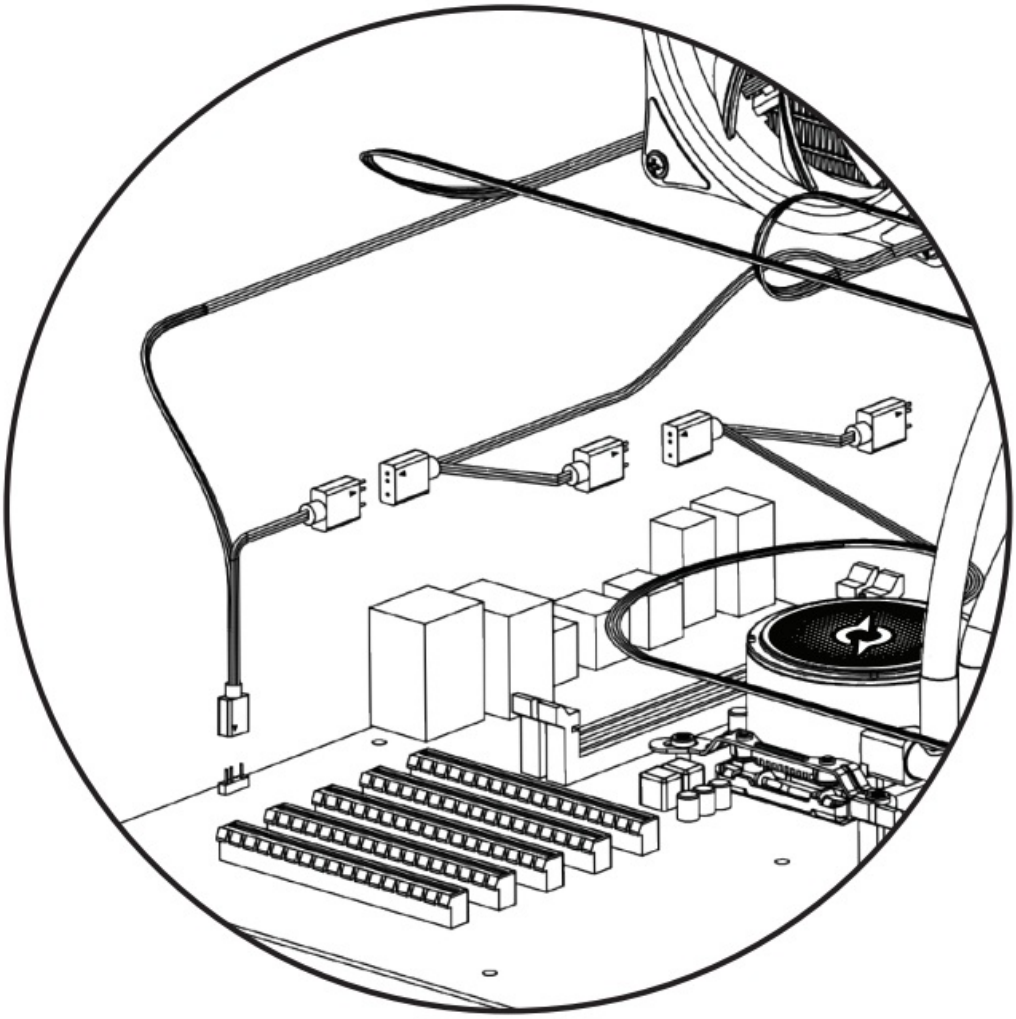
Powering the pump and fans

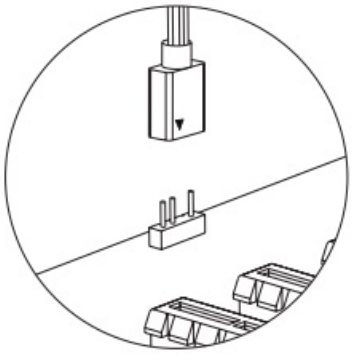
Connect the 4-pin PWM cable of the pump to the AIO_PUMP or SYS_FAN connector on the motherboard.
Connect the 4-pin PWM cable of the fan to the CPU_FAN connector on the motherboard.



Connecting the fans

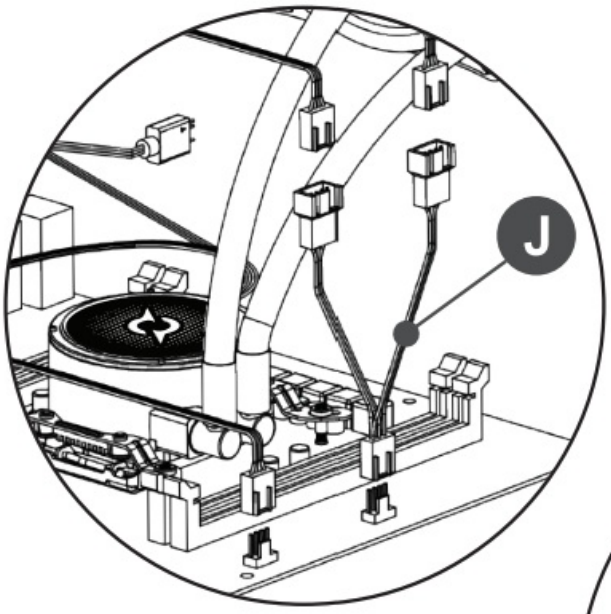
For models with two or three fans, please use the PWM adapter cable included in the package: (J) For two Fans, (O) For three fans.

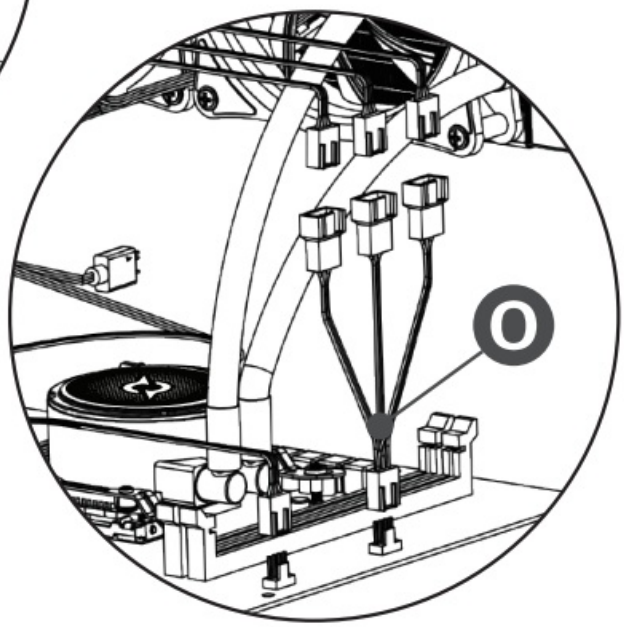




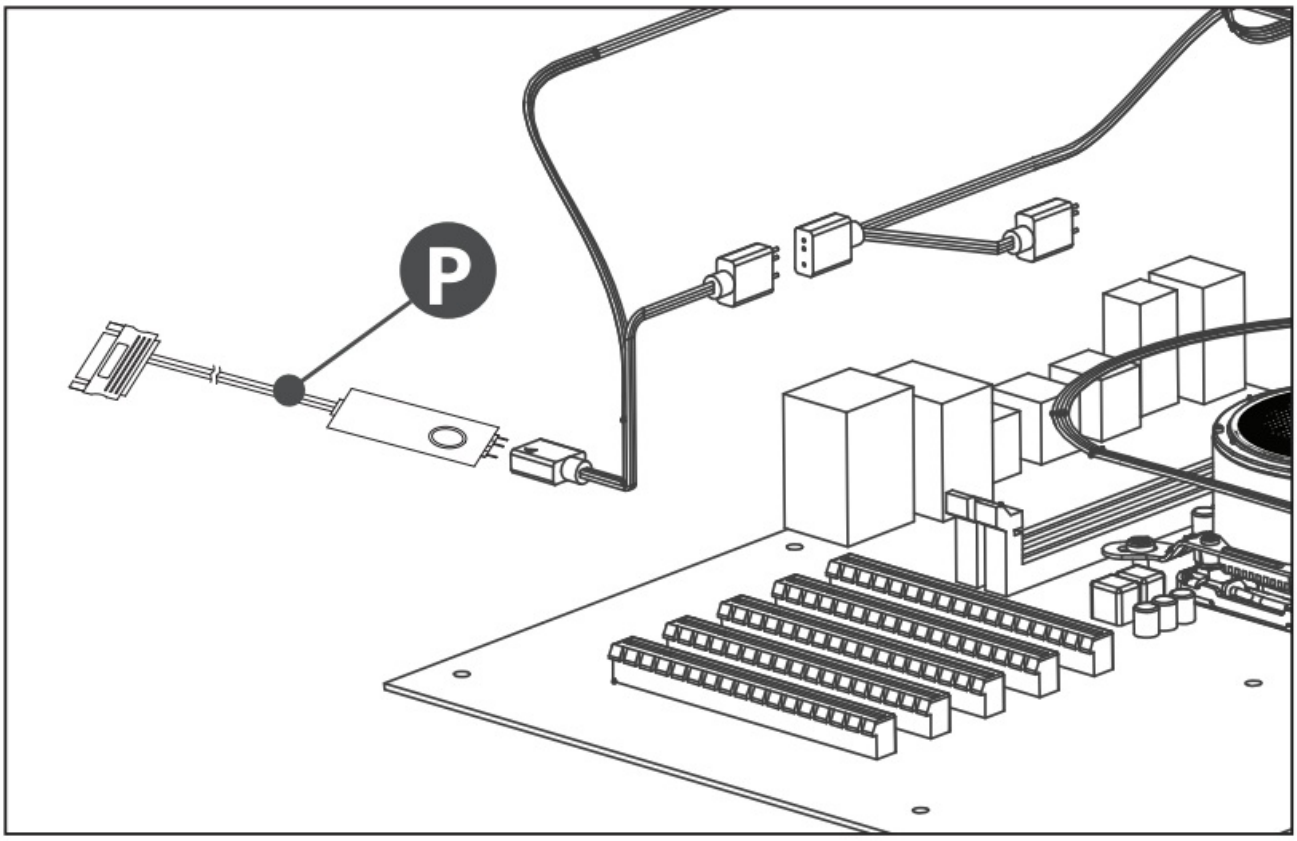
Lighting synchronization

For controlling and synchronizing lighting through the motherboard, insert the 3-pin ARGB cables of the fans and pump, following the adjacent image. Connect the remaining 3-pin ARGB female connector to the motherboards' ARGB connector.

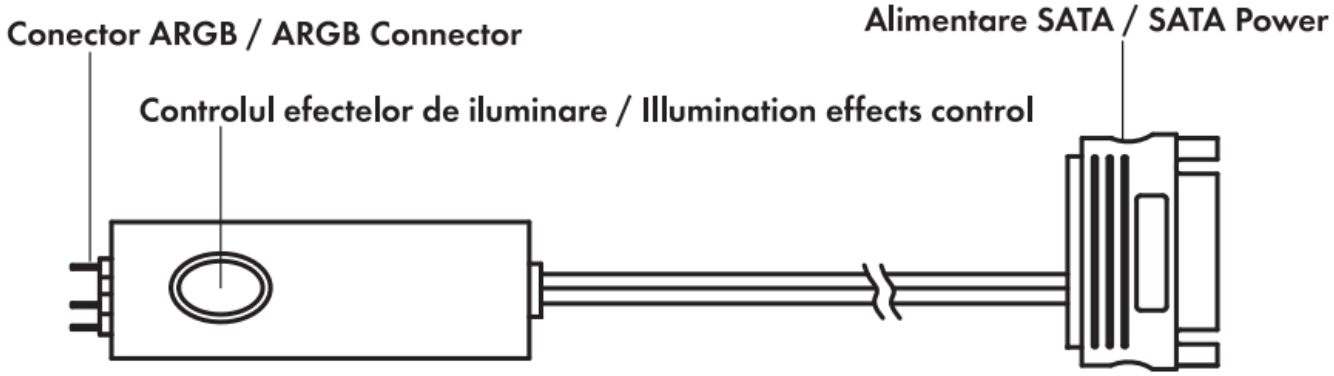




ARGB Controller



If the motherboard is not ARGB compatible, to activate and control the lighting, the controller (Pl included in the package is used. Follow the steps For synchronizing the lighting with the motherboard, but instead, in the end, connect the 3-pin ARGB female connector to the external ARGB controller. Connect the ARGB controller to a free SATA connector from the PC's power supply. The lighting effects are controlled by pressing the button located on the ARGB controller.



REGULATORY

- Unauthorized repaves or disassembly of the product will void the warranty and may cause its damage.
- This product is safe and complies to EU requirements. (compliant with directive EMC (2014/30/EU)
- This product is manufactured conforming with the European RoHS standard. (compliant with directive RoHS 2.0 (2015/863/EU]
- Using the WEEE symbol (the crossed-out bin} indicates that the electrical and electronic equipment inside the package can be recycled. When recycling waste properly, you protect the environment and people health. Segregated household waste collection, aids recycle materials and components used for the production of this device. For detailed information about recycling, please contact your retailer or a local authority.

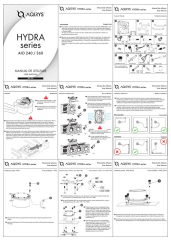
SUPPORT

If you encounter errors or any other problems with the product don't hesitate to contact us.
Disclaimer.
All efforts have been made to ensure accuracy of all information provided in this document. PC-coolers SRL assumes no liability, expressed or implied, for any damage(s) occurring to your system's components or other devices as a result of any mistake or omission during equipment installation or removal, or due to any defect or failure of the product itself.

All other brand names and trademarks are the property of their respective owners.
Specifications and design are subject to change without notice due to product improvements.

support@aqirys.com

Documents / Resources

	AQIRYS HYDRA Series Practical Approach CPU Cooling Speaker [pdf] User Manual HYDRA Series Practical Approach CPU Cooling Speaker, HYDRA Series, Practical Approach CPU Cooling Speaker, Approach CPU Cooling Speaker, CPU Cooling Speaker, Speaker

References

- User Manual