Description

Thank you for purchasing a graphics card waterblock manufactured by aqua computer. The aquagrATIx for HD6870/HD6850 has been specifically designed for graphics cards according to reference design of the chip manufacturer. The aquagrATIx for HD6870/ HD6850 effectively cools the RAM, voltage regulators and GPU of your graphics card. The base part of the waterblock is manufactured from pure copper for outstanding performance and durability.
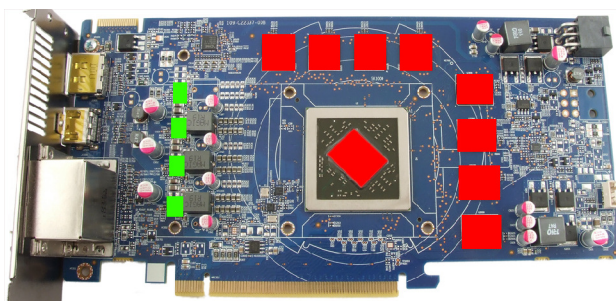
Installation

Step 1:
Remove the originally installed air cooling unit from the graphics card. The procedure necessary to perform this might vary slightly depending on the graphics card. Use extreme caution not to damage any of the highly sensitive components of the graphics card! Remove the screws holding the air cooling unit and lift the air cooling unit off the graphics card while disconnecting the fan connector.

Step 2:
Remove all thermally conductive pads from the graphics card and clean all surfaces with direct contact to the cooling unit from remaining thermal compounds using benzine if necessary.
Apply a thin layer of thermal compound to the GPU and the RAM modules (indicated by red marks in the figure). The thermal compound must not be electrically conductive! Cut fitting pieces from the thermal pad supplied with the waterblock

and place them on top of the voltage regulators (indicated by green marks in the figure).

Step 3:
Attach the aquagrATIx for HD6870/HD6850 to the graphics card. To do so, at first carefully and evenly screw in the four screws adjacent to the GPU, afterwards the remaining screws:
HD6850: six screws M3x4 mm
HD6870: eight screws M3x4 mm

Step 4:
Carefully check that the waterblock has level contact to all relevant components of the graphics card. Do not put the graphics card to work if the cooler does not perfectly fit the graphics card! In this case, disassemble and repeat the mounting procedure. All screws must not be overly tightened to prevent the PCBs from twisting!

Step 5:
Insert the graphics card to your PC and integrate the waterblock into your cooling system. Be sure not to connect any waterblocks in parallel but only consecutively. A detailed instruction on building a

watercooling system and plug&cool connectors as well can be found on our website www.aqua-computer.de – please check the section support/download.

Step 6:
Put the water cooling system into operation, but do not connect any other PC components to the mains supply! Check the waterblock as well as the fittings for leakages and do not put your PC into operation unless you can definitively eliminate the possibility of coolant leaking from the system! If any component has been in contact with coolant, do not put it into operation before it is completely dry again! For operating the graphics card, the waterblock must be correctly mounted and be connected to a water cooling system featuring adequate cooling performance! For corrosion inhibition, "Double Protect Ultra" or a mixture of water and ACfluid according to the preparation instructions provided with ACfluid must be used as coolant!

ATTENTION:
Disregarding the instructions may lead to severe damages! Aqua Computer GmbH & Co. KG cannot be held liable for damages or injuries resulting from improper installation or use of the product!

Thank you again for choosing an aqua computer product.