#### aquacomputer Technical bulletin for the aquagratiX 1900/1800 cooler, current as of 03/2006

# Functionality of the cooler

Thank you for the purchase of a graphic card cooler made by aqua-computer. The aquagratiX 1800 is designed for all graphic cards of the type X1800 built after the reference design. The aquagratiX 1800 cools the RAM, the voltage regulators and the GPU of your graphic card. The cooler is made completely of aluminum which prevents the danger of corrosion via electrochemical series.

As an optical feature an illuminated logo has been integrated.

### Assembly instructions:

Step 1:

Remove the original fan from the board. Depending on the this manufacturer process may vary slightly from one graphics card to the



next. Please be very careful when handling the graphics card to prevent damage to the sensitive components!

Step 2: the Remove conductive from the RAM. pad on the voltage regulators

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white stripe in the picture to the right) must not be removed! Without this pad no sufficient cooling of the voltage regulators is possible due to height differences, which might lead to the destruction of the graphics card. Heat conductive paste can't compensate the height differences!

Step 3: Apply a thin of layer heat con ductive paste (not included in delivery) on the GPU and RAM The heat



conductive paste must not be electrically conductive!

# Step 4:

Fasten the cooler with the included screws. First fasten the screws around the GPU reutilizing the original backplate, then the

screws around the RAM and lastly the screws around the voltage regulators. The screws around the voltage regulators may only be fastened very gently since the voltage regulators are very sensitive!

Step 5:

The cooler is now completely installed on the graphics card

Integrate the cooler into the water circuit of your water coolina system Please pay attention not to apply a parallel connection of



coolers. A detailed instruction for setting up a water cooling system and the usage of plug&cool connectors may be found on our website www.agua-computer.de in the support/download section.

# **ATTENTION !**

Disregarding the instructions may lead to severe damages! May & Wille GbR customers using or selling this product without the pad do so at their own risk and agree to fully indemnify May & Wille GbR for any damages resulting from such application.

Thank you and have fun with your new product.

May & Wille, Aqua-Computer-Systeme GbR – Gelliehäuser Str. 1 – D-37130 Gleichen

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Step 2: the Remove heat conductive pads from the RAM. The pad on the voltage regulators (small



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