aquacomputer

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



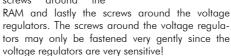
white stripe in the picture to the right) **must not be removed!** Without this pad no sufficient cooling of the voltage regulators is possible due to height differences, which might lead to the destruction of the graphics card. Heat conductive paste can't compensate the height differences!

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



conductive paste must not be electrically conductival

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



Step 5:

The cooler is now completely installed on the

graphics card Integrate the cooler into the water circuit of your water cooling system. Please pay attention not

system.
Please pay attention not to apply a parallel

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.aqua-computer.de in the support/download



ATTENTION!

section.

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.

© 2005

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

page 1

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.

illiegralea.

Step 1:
Remove the original fan from the board.
Depending on the manufacturer this process may vary slightly from one

Assembly instructions:



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

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



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 layer of heat conductive paste (not included in delivery) on the GPU and RAM.
The heat

conductive paste must not be electrically conductivel

Step 4:
Fasten the cooler with the included screws.
First fasten the screws around the GPU reutilizing the original backplate, then the



Step 5:

The cooler is now completely installed on the graphics card. Integrate the cooler into the water circuit of your water cooling 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.aqua-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.