MCW Ramcool VGA Ram Waterblock

INSTALLATION GUIDE

Thank you for purchasing the MCW Ramcool. This product is intended for expert users. Please consult with a qualified technician for installation. Improper installation may result in damage to your components. Swiftech™ assumes no liability whatsoever, expressed or implied, for the use of this product, nor its installation. The following instructions are subject to change without notice. Please visit our web site at www.swiftnets.com for updates.

Compatibility and retention mechanism

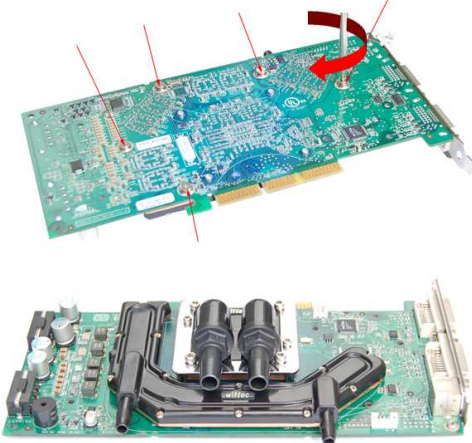| Model	6800 to 7950 Geforce Single adapter Compatibility	SLi Compatibility
MCW Ramcool/A	All Models (nVidia reference design) **Except** 7950 GX2 7800 GS (AGP)	**All** **Except** 7900GT 7900 GS
MCW Ramcool/79	All models (nVidia reference design) **Except** 7950 GX2 7800 GS (AGP)	**None** **Except** 7900GT 7950GT 7900GS

Packing List

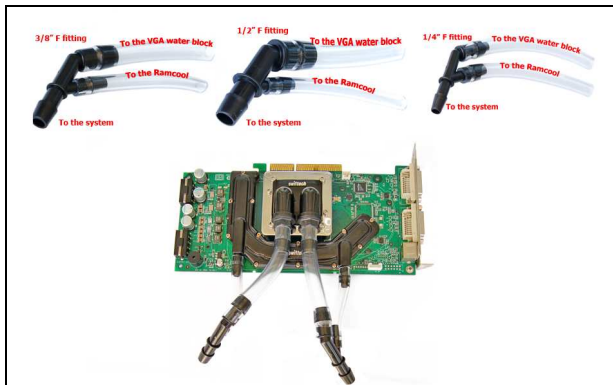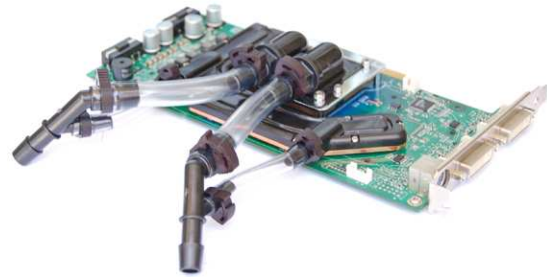| Quantity	Parts	Quantity	Parts
1	RamCool waterblock	2	3/8" F fittings
1	Artic Cérmique™ thermal grease	2	¼" F fittings
4	3/8" hose clamps	2	½" F Fittings
8	¼" hose clamps	5	Spring-loaded screws
4	½" hose clamps	1 foot	¼" tubing

Installation Guidelines:

Step-by step

Step 1: Remove the existing cooling solution from the RAM & carefully clean off the RAM modules with an electronics degreaser. Apply the provided Arctic Céramique™ compound to the RAM modules
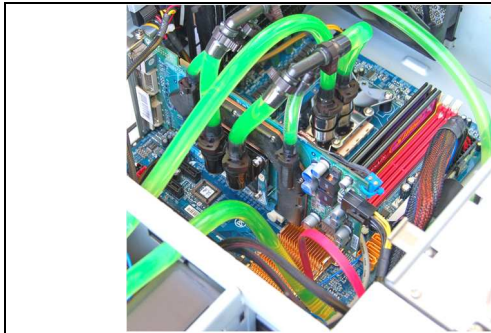

Step 2: Place the Ramcool on the RAM modules. (As shown above). Turn the graphic card over keeping in position the water block.
Then fasten the 5 screws (progressively & alternatively).

Step 3: Install the tubing on both "F" fittings as shown above. Note: the MCW Ramcool uses ¼" tubing. Swiftech's exclusive "F" fittings provide hi-flow connection between it and the GPU water-block. ¼" to 3/8", ¼" to ½" and ¼" to ¼" "F" fittings are included.

Step 4: Use the provided hose clamps to secure the tubing to the barb.
Note: You can twist the "F" fittings relatively to the tubes so as to give them a different angle/orientation in order to route the lines as conveniently as needed.

Last step:

Re-install the water-cooled VGA adapter to the motherboard. Connect the "F" fittings to the main cooling loop and secure the lines with the provided hose clamps.
Always test your setup extensively for leaks before you energize your system!

IMPORTANT DISCLOSURES
While all efforts have been made to provide the most comprehensive tutorial possible, Swiftech assumes no liability expressed or implied for any damage(s) occurring to your components as a result of using Swiftech cooling products, either due to mistake or omission on our part in the enclosed instructions, or due to failure or defect in the Swiftech cooling products. **WARRANTY** Our products are guaranteed for 12 months from the date of delivery to the final user against defects in materials or workmanship. During this period, they will be repaired or have parts replaced provided that: (I) the product is returned to the agent from which it was purchased; (II) the product has been purchased by the end user and not used for hire purposes; (III) the product has not been **misused**, handled carelessly, or other than in accordance with any instructions provided with respect to its use. This guarantee does not confer rights other than those expressly set out above and does not cover any claims for consequential loss or damage. This guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer.