

Hard Drive Cooler Installation Guide

Once mixed, the dual-pack of thermal encapsulate material will serve as the heat transfer pad between your drive and the cooling plate. It is not electrically conductive, and the material can be peeled-off after it has dried (after 60 hours). Hard drives may be used while the encapsulate is drying.



CAUTION: Because the encapsulate can only be used once, Koolance recommends formatting and installing software onto a new hard drive to verify a drive defect before installing the liquid cooler. Additional thermal packs are available with “second hard drive kits” from your Koolance reseller.



CAUTION: The original hard drive manufacturer may not honor the warranty if residue from the encapsulate material remains after removal. If you have any questions on warranty coverage, please contact your drive’s manufacturer.



Fold the dual-pack of encapsulate in half, and cut a corner across, so that both compounds can be squeezed-out together.

Compress the entire pack over a sheet of paper until the contents are empty.

Using a spoon or mixing utensil, stir the encapsulate like paint until it is one complete solid color.





CAUTION: Some hard drives have open spindle motors or other connections which encapsulate may interfere with. Tape should be placed over these areas before applying the thermal encapsulate.



Using the mixing utensil, apply the encapsulate to the largest heat-producing components: the spindle motor and primary circuit chips on the bottom side of the drive.



Use the included screws to mount the cooler over the encapsulate on the bottom side of the hard drive. The drive may be mounted into your case via the cooler or the drive.



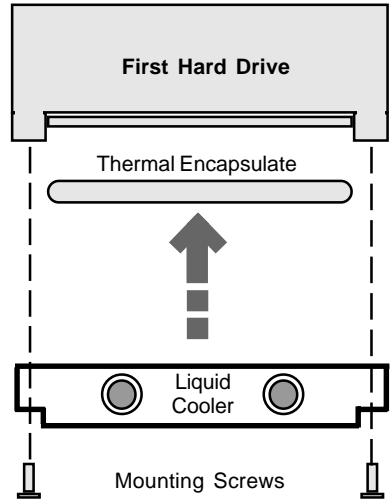


If you have a Koolance chassis, the hard drive cooler can be used with 2 hard drives. The second hard drive will require a “Second Hard Drive Kit” (purchased from your local Koolance dealer).

Install the Second Hard Drive Kit as you would a regular Cooler. Thermal encapsulate is applied to the drive, and the thin metal “Containment Plate” is screwed over it to the bottom of the hard drive.



The second drive is mounted upside-down to the cooler, held in place via its own side-mounting screws. NOTE: If you do not own a Koolance case, custom holes will be needed to use the 2nd Hard Drive Kit.



Rear view of Hard Drive Cooler Assembly for first hard drive (above), and second hard drive (below)

