



Active Thermal Management

The trusted name in thermal protection

Instructions for installation of the Cool-slim™ Component Cooler

Product Description -- The Cool-slim Component Cooler is placed on top of a hot component and will cool it quietly. Some types of audio-video equipment have ventilation openings on their top surface while others do not; Cool-slim can cool either type. Hot air is drawn from the component and exhausted through its front and rear openings.



NOTE - The Cool-slim Component Cooler was designed to cool components in an open, or partially open, environment such as on a shelf, in a bookcase, or in a cabinet with no doors and/or an open back. It cannot cool components in sealed enclosures; it would just circulate the same hot air within the enclosure, providing little cooling. Active Thermal Management offers a complete line of cooling equipment designed to cool entire enclosures, from the smallest to the largest, at www.activethermal.com.

Connections & Operation

Cooling components with top openings –

Apply 4 lengths of the supplied self-adhesive weatherstripping (shown here in white for clarity) to the underside of the Cool-slim as in Figure 1. This ensures that the Cool-slim will pull heated air from the component. Center the Cool-slim directly over the openings on the component.

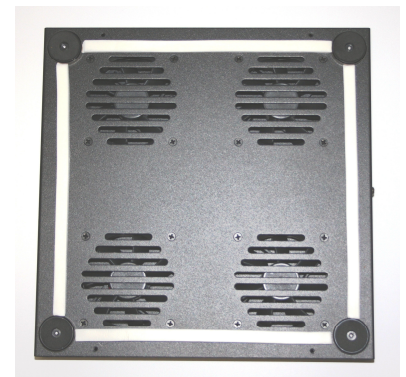


Figure 1

Cooling components without top openings –

Do NOT use the supplied weatherstripping. Center the Cool-slim over the hottest area on the component being cooled. It will pull cool room air over and along the top of the component, removing much of the heat being generated.

All components –

Place the probe where it can sense the heat coming from the component to be cooled (frequently this will be under or beside the Cool-slim). Plug the probe's cable into the right-hand jack on the rear panel, and the power supply cable into the left-hand jack. (See Figure 2.) Plug the power supply into an AC outlet that is always live. When the probe's temperature-sensitive tip reaches approximately 88-90 degrees, the fans will begin to turn. The fans will stop when the temperature drops by several degrees.

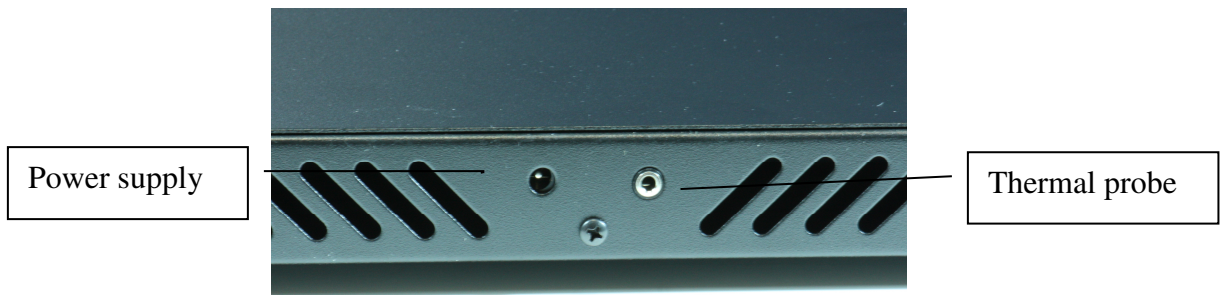


Figure 2

Note –

When cooling modern home theater systems, the fans may run continuously. Cable boxes, satellite receivers, some whole-house amplifiers and digital program recorders run continuously. Their heat may be enough to keep the fans in operation. The Cool-slim, like all ATM products, is designed to operate continuously, drawing only a few watts of electrical power while keeping equipment temperatures low.