

# Cool Shelves

## RK-CS/-2/-3/-4



COOL COMPONENTS  
INCORPORATED

While others have vented shelves, we have integrated fans in our shelves! Not only are the shelves extremely sturdy, they also feature built-in fans with different configuration options as well as wire management features.

The 2RU shelf features a 2-fan assembly in each side and two optional 2-fan assemblies in the bottom of the shelf. The 3RU shelf features a 4-fan assembly in each side and two optional 2-fan assemblies in the bottom of the shelf. The 4RU shelf offers extreme cooling and features two 4-fan assemblies in each side and two optional 2-fan assemblies in the bottom of the shelf.



Each shelf comes with the fan assemblies for the sides and the fans for the bottom are purchased separately. The fans can be configured to blow air onto a component, away from the component, or create a cross flow of air.

Beyond the concept of integrated cooling and solid construction, these shelves are a tremendous value when considering the cooling products which are already built-in. Additional value is created when adding the optional bottom fan assemblies since only fan assemblies are required, not complete units.



### Features

- 2RU, 3RU, & 4RU Shelves for Use in Standard 19 Equipment Racks
- Sturdy Construction Supports Large Components
- Integrated Cooling in Sides and Bottom with Various Airflow Patterns Possible
- Specially Manufactured Magnetic Levitation Fans (Brushless & Vapo Bearings) for Longer Life
- Uses Adjustable Voltage Power Supply to Adjust Fan Speed
- Wire Management Built Into the Back of the each Shelf
- Fan Assemblies Compatible with all Cool Components Temperature Controllers For Automated Fan Control

### General Specifications

Dimensions 2RU:	W - 19 x D - 19 x H - 3.5" (Includes One 500mA Adjustable Voltage Power Supply)
Dimensions 3RU:	W - 19 x D - 19 x H - 5.25" (Includes One 500mA Adjustable Voltage Power Supply)
Dimensions 4RU:	W - 19 x D - 19 x H - 7" (Includes One 1000mA Adjustable Voltage Power Supply)
Construction:	Heavy Gauge Steel (Black Powder Coat)
Cooling System/Airflow:	2RU Includes: 2 - 2-Fan Assemblies - 2 x 50mm Brushless DC Fans (35-80 <sup>CFM</sup> ) 3RU Includes: 2 - 4-Fan Assemblies - 2 x 50mm Brushless DC Fans (70-120 <sup>CFM</sup> ) 4RU Includes: 4 - 4-Fan Assemblies - 2 x 50mm Brushless DC Fans (100-200 <sup>CFM</sup> )
Optional Fan Assemblies:	2 - 2-Fan Assemblies for Use in Bottom of Shelf

### Power Specifications

Power Connection:	2-Pin Coax Connector w/ 2-Pin FastWire Power System (Ensure proper polarity)
Voltage:	7 to 9V DC for Normal Operation or 9 to 12V for More Aggressive Cooling
Current:	320mA @ 12V DC (not including options)