

Cool Racks

RK-CR-19 & RK-CR-40



These are 19" equipment racks but they are far from 'standard'. They feature integrated venting systems as well as other cooling options that require no additional space in the rack. Since space in most rack systems is limited and components are often installed with less than optimal clearances, cooling in rack systems is critical. Excessive heat shortens the life of equipment and causes annoying thermal shutdowns at the most inconvenient times. The integrated cooling and optional features provide for aggressive yet quiet and cost effective solutions for cooling in even the most demanding situations. There are two versions of these racks: a 19 Rack Unit (RU) version and a full height 40RU version. Each rack comes with the option to have five fan assemblies with each assembly featuring four 50mm fans. There are three of these assembly locations in the top and two in the bottom (2 on the sides and 1 in the back of the rack). The racks come with two fans assemblies but additional assemblies can be added as needed (purchased separately). Not sure if that is enough cooling? Well the features do not stop there - the racks also feature the ability to install larger 92mm intake and exhaust fans in top and bottom of the racks. Install two or four 92mm fans in the top and or bottom trays for the most extreme cooling! The 40RU version also features three additional fan options integrated into the middle supports for the rack. The side supports can be fitted with 4-fan assemblies while the back brace can be fitted with a 2-fan assembly.



Features

- 19" Equipment Rack Systems with Integrated Cooling (Cool Rack Components without Separate Cooling Products)
- Two Models – 19RU & 40RU (Both can be cut down to fit most any height requirement)
- Various Built-In Options for Cooling - All Cooling/Fan Options Can be Configured for Intake or Exhaust
- Two LED Temp Displays for Monitoring the Temperature of Specific Components or Different Areas Within the Rack
- Racks Include Fan Assemblies to Utilize in Various Fan Mounting Options (2 assemblies included)
- Specially Manufactured Magnetic Levitation Fans (Brushless & Vapo Bearings) for Longer Life
- More Aggressive Intake & Exhaust Options for Mounting Larger Fan Units in the Bottom & Top Trays
- Uses Adjustable Voltage Power Supply to Adjust Fan Speed
- Fan Assemblies Compatible with all Cool Components Temperature Controllers For Automated Fan Control

General Specifications

Dimensions - RK-CR-19:	W - 19" x D - 22" x H - 37 1/4" (without casters)
Dimensions - RK-CR-40:	W - 19" x D - 22" x H - 74" (without casters)
Construction:	Heavy Gauge Steel (Black Semi Gloss Powder Coat)
Design:	EIA Compliant, Four Post Knock Down Design 10-32 Threaded Front Rails
Cooling Included:	2 - 50mm 4-Fan Cooling Assemblies
Cooling Optional:	3 Additional (50mm) 4-Fan Cooling Assemblies 4 (92mm) 2-Fan Assemblies for Top & Bottom Trays
	Includes One 500mA Adjustable Voltage Power Supply

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)