

Rack Side Cooling Units

RK-SC-2FN/-4FN



COOL COMPONENTS
INCORPORATED



These units are ideal for tight rack applications where no space exists for more traditional cooling products. Even if there is space, these are great for directly cooling components in open 2 or 4-rail rack applications. The units easily attach to the side of the rails and can be positioned where cooling is needed the most. The fans can also be easily reversed so you can direct air to blow directly over the components or pull hot air away from the equipment. In 4-rail racks, the units can be either mounted to the front or back rail and they can be perfectly positioned to precisely cool even the hottest running components. This product comes in two fan and four fan versions

These units are affordably priced but feature the highest quality fans that were designed for extended use and are ideal for vertical mounting (traditional bearing fans are not intended for vertical mounting). Not only are the fans specially manufactured to be quiet and do not create electrical noise due their design, the fans are mounted using specialty hardware that absorbs normal fan vibrations which further reduces noise.

Features

- Engineered to Quietly & Aggressively Cool 2 & 4-Rail Open Racks with Holes on the Sides of the Rails
- Specialty 50mm Magnetic Levitation (Brushless & Vapo Bearings) Fans for Quiet Operation and Longer Life
- Fans Mounted Using Specialty Mounting System to Absorb Fan Vibration for Quieter Operation
- Fans Easily Reversible for Directing Cool Air into the Rack or Exhausting Hot Air Away from Components
- Uses Variable Voltage Power Supply to Adjust Fan Speed
- Available Configurations and Options: 2FN Unit: Two Fans. 4FN Unit: Four Fans
- Compatible with all Cool Components Temperature Controllers for Automated Control of Fan

General Specifications

Dimensions - 2FN:	L - 7" x H - 2.8" x D - 1/2" (26cm x 12.7 x 1.6)
Dimensions - 4FN:	L - 11.8" x H - 2.8" x D - 1/2" (26cm x 12.7 x 1.6)
Construction:	Heavy Gauge Steel (Black Powder Coat Finish)
Cooling System:	50mm Brushless Magnetic Levitation Fans (Est. 60,000hrs.)
Air Flow - 2FN:	8 - 16 ^{CFM}
Air Flow - 4FN:	16 - 32 ^{CFM}
Noise:	Dependent on Settings and Options(Can be run quietly)

Power Specifications

Power Connection:	2-Pin Coax Connector w/ 2-Pin FastWire Power System (Ensure proper polarity)
Voltage:	6 to 9V DC for Normal Operation or 9 to 12V for More Aggressive Cooling
Current - 2FN:	100mA (milliamps) @ 12V DC
Current - 4FN:	200mA (milliamps) @ 12V DC