



# AC INFINITY

## AIRPLATE S3 6" Unit Dual Fan System w/ Speed Control

AI-CFS120BA

SKU: 172587    UPC: 854759004006

**AC Infinity AI-CFS120BA AIRPLATE S3 - 6in Unit Dual Fan with Speed Control** is an ultra-quiet fan system is designed to cool home theaters, entertainment centers, and audio video cabinets. Features a speed controller and 6 foot power cord. Included fans use a custom motor engineered to minimize noise during speed variations and are certified by CE and RoHS. Contains AC Infinity axial fans ACX-FD1225(B)05W5 which meet UL-507 standards for safety under Underwriters Laboratories certificate E503903. Containing dual ball bearings rated at 67,000 hours, the unit can be mounted in any direction. Features a CNC machined aluminum frame with a modern brushed black finish. Fans are set to exhaust air out the frame but this can be reversed to intake air using a screw driver. Includes all necessary hardware to easily mount the unit onto a cabinet and power it through an USB port or standard wall outlet.

### Features:

- The in-line multi-speed controller with power switch allows setting the fan's speed to optimal noise and airflow levels for various environments. The included Boost Adapter not only allows the fan to be powered through a wall outlet, but increases its performance by up to 25%. For cabinets that requires more airflow, each unit can be connected to additional AIRPLATE S and T series cabinet fans. Up to four fans can share the same USB power source; and up to six fans can share the same thermal controller or wall outlet power source.
- Features:
  - An ultra-quiet UL-certified fan system designed for cooling cabinets that requires minimal noise.
  - Features a multi-speed controller to set the fan's speed to optimal noise and airflow levels.
  - Contains a CNC machined aluminum frame with a modern brushed black finish.
  - Powered by wall outlet or USB port, included Turbo Adapter increases performance by 25%.
  - Dimensions: 6.3 x 6.3 x 1.3 in | Airflow: 52 CFM | Noise: 18 DbA | Bearings: Dual Ball

### Specifications:

#### Product Identification

- Manufacturer: AC Infinity Inc.
- Product Name: AIRPLATE S3
- Product Model: AI-CFS120BA
- Product and Mounting Dimensions - Fan Unit
- Total Dimensions: 6.30 x 6.30 x 1.30 in (16.0 x 16.0 x 3.3 cm)
- Backside Enclosure Dimensions: 4.88 X 4.88 in (12.4 x 12.4 cm)
- Required Mounting Hole: 5.04 x 5.04 in (12.8 x 12.8 cm)
- Hole to Hole Distance: 5.55 x 5.55 in (14.1 x 14.1 cm)
- Screw Hole Size: 0.197 in (0.5 cm)
- Cord Length: 72 in (6 feet)

#### Product Performance and Technical Specs

- Total Airflow: 52 CFM
- Total Noise: 18 dBA

- Static Pressure: 1 mm-H<sub>2</sub>O
- Operating Voltage: 3 to 7V DC
- Power: 1.6 W
- Current: 0.32 A
- Wall Adapter Input: 100 to 240V AC
- Operating Humidity: 35 to 85% RH
- Operating Temperature: 0 to 158°F
- Fan Bearings: Dual Ball
- Mounting Positions: Horizontal or Vertical
- L10 Life Expectancy: 67,000 Hours
- Fan Quality Approvals: UL, CE, RoHS