

AC INFINITY



AIRTAP T4 Quiet Booster Fan System for 4" x 10" Registers - White

AC-RBF4-W

SKU: 173280

AC Infinity AC-RBF4-W AIRTAP T4 Quiet Booster Fan System for 4" x 10" Registers White is a quiet fan system designed to be mounted onto wall or floor registers to boost airflow. By increasing warm and cool air coming from weak registers, you can increase room comfort and reduce energy costs. Features a LCD display with smart thermostat control and customizable fan speeds. The mounting frame is constructed of bronze-anodized aluminum with CNC-machined detailing and a brushed finish for a professional appearance. Features PWM-controlled stator blade fans that are designed for high static pressure applications such as ducting. Includes hardware and power supply needed to secure the unit onto an existing register opening and power it through an outlet.

Intelligent Programming on each unit features active thermal monitoring that can trigger fans to run for both cooling and heating temperatures you have set, as well as automatically adjust fan speeds to respond to varying temperatures. The controller can also be set to run continuously at speeds manually. Features temperature display, easy power on-off, and backup memory.

Stator-Blade PWM Fans utilize high-performance DC-motors that are controlled using PWM (Pulse Width Modulation). This technology enables the dual 92mm fans to be able to run smoothly at extremely low RPM speeds without generating motor or electromagnetic noises. In addition, the fans feature a stator-blade design with a high static pressure rating, specialized for delivering airflow even in applications where air movement is being restricted such as through ductwork. The motor houses dual ball bearings that are rated at 67,000 hours and allow the fan system to be mounted horizontally or vertically, which are certified by CE and RoHS.

Features:

- A quiet fan system designed for improving wall and floor register airflow from HVAC systems.
- Programmable LCD controller with heating and cooling thermostat, and automated fan speeds.
- Premium anodized aluminum frame with CNC-machined detailing and a white anodized finish.
- Features stator-blade fans which can deliver strong airflow from high static-pressure ductwork.
- Fits ONLY 4 x 10 in. Registers | Airflow: 120 CFM | Noise: 18 DbA | Includes Wall Adapter/|i>

Specifications:

- Product and Mounting Dimensions - Fan Unit
 - Total Dimensions: 11.54 x 5.51 x 1.96 in. (29.3 x 14.0 x 5.0 cm)
 - Backside Enclosure Dimensions: 9.72 x 3.93 in. (24.7 x 10.0 cm)
 - Hole to Hole Distance: 10.55 (26.8 cm)
 - Screw Hole Size: 0.197 in (0.4 cm)
 - Cord Length: 144 in. (12 feet)
- Product Performance and Technical Specs
 - Fits Register Sizes: 4 x 10 in.
 - Design: White
 - Total Airflow: 120 CFM
 - Total Noise: 18 dBA
 - Static Pressure: 6.5 mm-H₂O
 - Operating Voltage: 12V DC
 - Power: 6 W
 - Current: 0.4 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