

AIRIUS® Thermal Equalizer Model 45



AIRIUS Model 45

The AIRIUS Thermal Equalizer **Model 45** is NEW for 2007; it represents the state of the art in Air Destratification and Thermal Equalization. The AIRIUS Model 45 is designed to cover **1250-1500 Sq Ft** (140 sq M) or a 44 ft Diameter Circle (13.4 M) from a high **45 ft** (14 M) ceiling.

The model 45 will be available in 2 AC motor configurations:

1. **PSC** = Permanent Split Capacitor AC Motor - 115 vac, & 230 vac
2. **EC-I** = Electrically Commutated 92% Efficient Variable Speed, AC Motor 115vac to 277vac w/ 0-10 vdc - low voltage control, Manually, Wired, or Remotely Controlled

All model 45's come with a 3-year warranty

MODEL 45

WEIGHT / DIAMETER

16 lb (7.25 Kilo) / 15 inches (38 cm) at widest point

HEIGHT

18 inches (45.7 cm) to rim, 24 inches (61 cm) w/bail-crosspiece attached

POWER

PSC = 50/60 Hz -140 W EC-I = 50/60 Hz – (Variable) 0-160 W

RPM/ CFM/ dBA

PSC =2600/ 950/ 70*

EC-I = (Variable) 0-2980/ 0-1700/ 0-79*

APPLICATIONS

Hangers / Atriums / Malls / Event Centers / Manufacturing / Warehouses / Government / Athletic Facilities

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US and FOREIGN Patents Pending

*Noise is tested in accordance with ISO-3745 and ANSI 12.35 in an echo-free room with background noise lower than 15 dBA. The testing cooling fan runs in free airflow and a noise meter is set to 1 meter away from air entrance and at 90 Degrees to the fan. The test result is depicted with sound pressure level frequency band in dBAs.

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