ZOO - COOLING AND DE-STRATIFICATION FANS

DESCRIPTIOn
The stylish ZOO (Zone Of Occupancy) Fan de-stratifies by producing a gentle, concise column of air that draws warm air from the ceiling and forces it down to floor level. By doing this it helps create a more pleasant and comfortable indoor environment for workers and customers. It can also help to lower a building's operating costs by reducing the energy consumption of a heating system in cooler weather.

Available in 2 sizes, 250mm and 300mm.

Typical Applications
Ideal for buildings that are heated and have high ceilings such as warehouses, airports, churches, school halls, green houses, and shopping centres. Particularly effective when used in aisles because of their narrow band of air and variable speed control motor that provides air flow adjustment. Can be also used as a quiet and unobtrusive cooling fan in warmer weather.

Features
• Helps create a more productive, more comfortable environment that has the potential to reduce energy consumption.
• Can be installed so its air flow avoids or targets areas.
• Adjustable air flow using a VA speed controller.
• Model with finger guards on inlet and outlet available (See special note). Codes: ZFH30G, ZFH60G.
• Pivoting handle allows quick change to airflow direction.
• Fire resistant (5VB) UV-treated PC ABS plastic.
• Fitted with Gripple attachments that make it quick and easy to install.

Construction
UV-treated PC ABS plastic housing that is fire resistant (5VB). Fitted with an easy to reach IP54 terminal box.

Motors
Type - external rotor, squirrel cage induction motor.
Electricity supply - 220-240V, single-phase, 50/60Hz.
Bearings - sealed-for-life, ball.
Speed-controllable.
Motor protection IP54.
See pages O-2/3 for details on these motors.

Internal thermal Protection
Auto-reset thermal protection

Testing
Air flow tests to DIN24166, Class1
Noise tests to DIN3745, Class1

Wiring Diagram
See page N-8, diagram ER4

Special Note
Finger guards must be fitted to fans if being mounted less than 2.1 metres from floor level.

Suggested Specification
The de-stratification fans shall be of the Zoo (Zone Of Occupancy) Series as supplied by Fantech Pty Ltd and be of the model number shown on the schedule/drawings.
They shall be constructed from fire resistant (5VB), UV-treated PC ABS plastic and include a robust pivoting handle. They shall be fitted with a speed controllable motor and an IP54 terminal box. Wire finger guards (if fitted) shall be of zinc plated wire.
All models shall be fully tested to DIN24166, Class1 for air flow and DIN3745, Class1 for noise.

DIMENSIONS

VELOCITY PROFILE

TECHNICAL DATA

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