

ZOO Fans In-Ceiling Fan

Specification Data for Model: IC45-MF

Description

The ZOO Fans In-Ceiling Fan is a variable speed fan system for installation in drop-ceilings designed to offer destratification, improved air circulation and the additional options of air filtration/purification. Recirculate the air you already paid to heat or cool – bring it down to your Zone Of Occupancy (ZOO) in a gentle, concise, easy-to-direct column.

Fan

- EnergyStar™ rated mixed flow fan
- Single-phase induction, asynchronous external rotor, permanent split capacitor motor

Ducting

- Insulated flexible duct constructed with a spring steel wire helix and factory attached universal male / female collar on each end
- R4.2 insulation standard – R6 and R8 available upon request

Installation Materials Included

- Perforated, steel, flush face ceiling intake diffuser
- Duct mounted, aluminum jet-ball type nozzle diffuser
- Diffuser support bracket
- 10-foot hanging cables
- Eyehooks and attachment hardware

Warranty

- 4 Year Parts

Typical Specifications

A variable speed, in-ceiling fan system with EnergyStar™ rated mixed-flow fan and airflow of 754 CFM at full speed. Must be a closed-loop design that does not compromise return plenum; utilize an adjustable nozzle that can be rotated through 360° in order to direct the airflow; have the ability to adapt to linear bar, 2-way, or 3-way diffusers. Must be variable speed controllable from a direct digital controller via a 0-10 VDC or 4-20 mA interface or via a direct in-line speed controller.

Selection Table

Select One	Model	Volts	Hz	Watts	Amps	CFM
<input type="radio"/>	IC45-MF	115	60	240	2.2	754

Additional Available Options

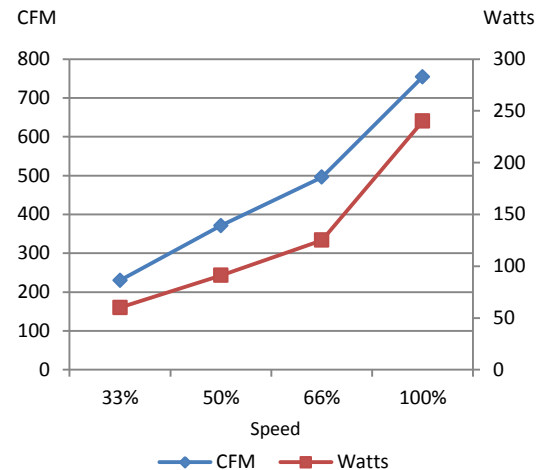
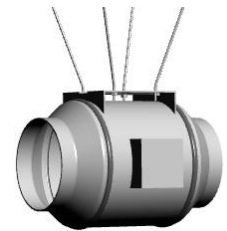
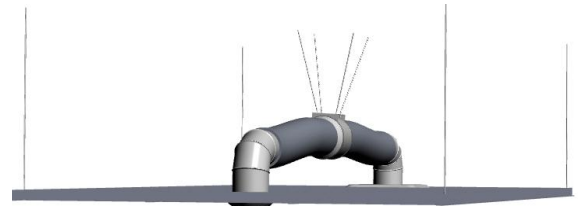
<input checked="" type="checkbox"/>	Part #	Description
<input type="checkbox"/>	FG-24	Drop ceiling intake grill with filter (Replaces standard intake grill)
<input type="checkbox"/>	IND-6	Six (6) feet of insulated ducting for extended runs

Accessories

<input checked="" type="checkbox"/>	Part #	Description
<input type="checkbox"/>	VS-5A	Variable Speed 5A Controller Operates up to 2 IC45-MF fans
<input type="checkbox"/>	VS-10A	Variable Speed 10A Controller Operates up to 4 IC45-MF fans
<input type="checkbox"/>	AVS-7A	Advanced Variable Speed 7A Controller Operates up to 3 IC45-MF fans 0-10 VDC or 4-20 mA control signal

Sound Characteristics

At this time there are no one level test standards available through HVI because remote mounted fan noise levels are in proportion to the following: type of duct, length of duct, fan distance from the intake source and other miscellaneous factors. However, it is generally accepted that remote mounted fans are quieter than in-room fans.



Model	Quantity	Comments	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Date: