

ENGINEERING DATA



VentCool Summit Series

VentCool™ Whole House Fan (WHF)



MODEL	PART NUMBER
<input type="checkbox"/> VentCool 2.4	60510002024
<input type="checkbox"/> VentCool 3.4	60510002034
<input type="checkbox"/> VentCool 4.9	60510002049

ITEMS INCLUDED IN KIT (GENERATION 3)

- Fan assembly with electrical control box
- 7 feet of acoustically insulated flexduct
- 20 ft of 1-3/4 inch wide polypropylene webbing (as required)
- AirLoc™ Gravity damper assembly
- Fan Collar (as required)
- White cube core inlet grille with fasteners
- Control Package including: Control box, wall controller with mounting bracket and 50 foot cable
- Instruction manual
- Installation hardware

OPTIONAL ACCESSORIES

- Remote Control Kit (P/N: 60510003146) includes cables, transmitter and remote module
- Additional Remote Control Module (P/N: 60510003145)

ELECTRICAL REQUIREMENTS

VentCool Models	Operating Voltage	Dedicated Circuit (Amps)
2.4, 3.4, 4.9	120	15

DESCRIPTION

VentCool™ Whole House Fan (WHF) systems from Field Controls are designed to cool the interior of your homes by replacing hot indoor air with cool outdoor air. VentCool fans use about one tenth the electrical power of a traditional home HVAC air conditioning system thus reducing utility costs. System models are offered with AirLoc™ gravity damper system. The AirLoc damper products are designed for warm weather regions. All products are supplied with 120 VAC, 10 foot power cord with NEMA (5-15R) connector plug.

FEATURES

- Brushed aluminum fan housing
- Wall mounted control center (time and fan speed)
- 7 feet of insulated, noise reducing flexduct
- AirLoc™ Gravity damper
- All models designed to plug into 120 VAC, 15 amp, dedicated power, standard wall outlet
- All models come with a resettable breaker on the main electrical control box

BENEFITS

- Dramatic energy savings
- Electronic control modulated (ECM) motors
- Ultra-quiet operation
- Convenient timer settings
- Easy installation
- Heavy Gauge Material
- Aluminum Damper Assembly

PRODUCT OFFERING

VentCool Models	Air Flow (CFM) per HVI-916 Std	Power (Watts)	Efficacy (CFM/Watts)	Efficiency (Watts/CFM)	Sound @ 5 FT (dBA)	Fan Motor (HP)	Damper Design	Grille Size (Inch x Inch)	Fan Speed/8 HR timer	R-Value
2.4	900-3131	11-325	9.6	1.104	36-59	1/4 (3)	AirLoc	14.5x22.5	10	R-5
3.4	225-3342	15-292	11.4	0.087	37-52	1/3	AirLoc	22.5x26.5	10	R-5
4.9	916-5202	28-850	6.1	0.163	37-60	3/4	AirLoc	22.5x26.5	10	R-5



Field Controls
2630 Airport Road
Kinston, NC 28504

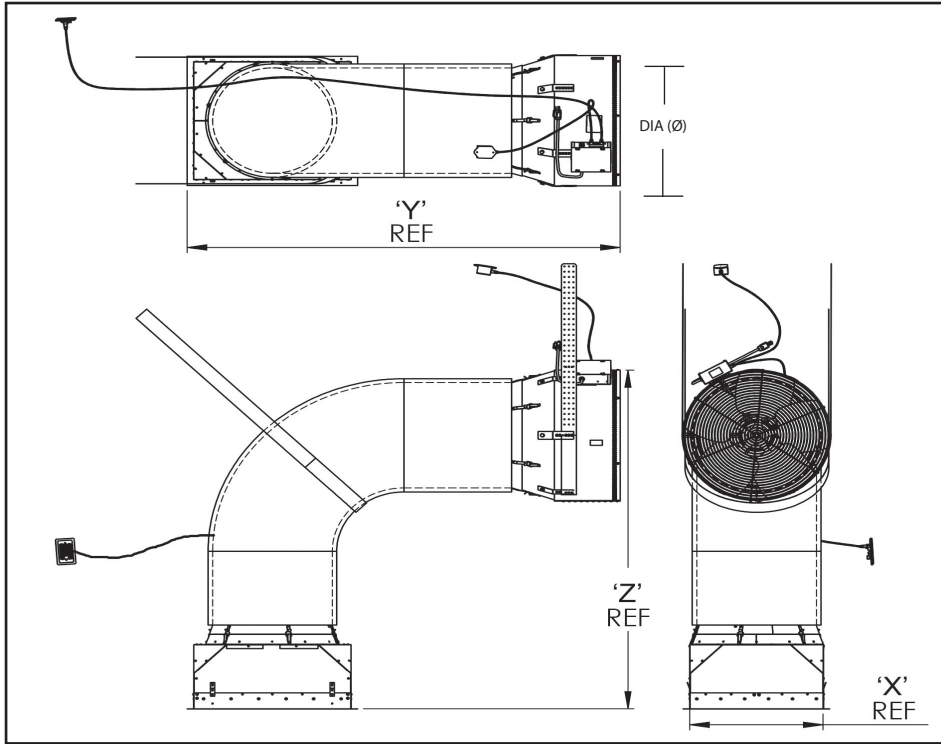
Customer Service: 252 522-3031
Fax: 1 (800) 367-7942

Visit us at: www.fieldcontrols.com

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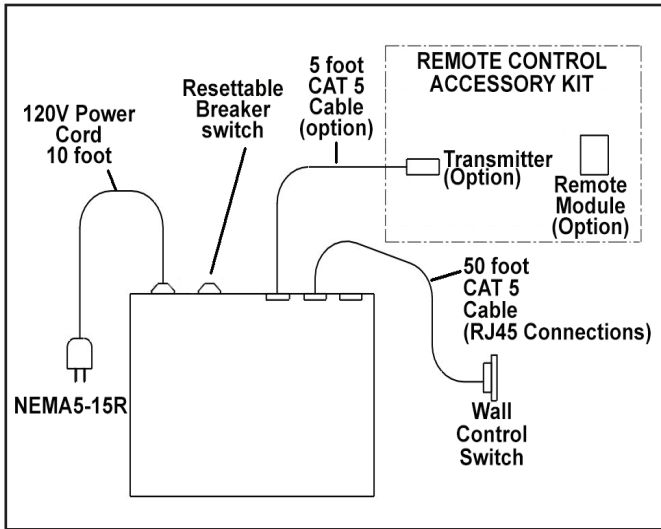
ENGINEERING DATA VENTCOOL

DIMENSIONAL DATA - 2.4, 3.4, AND 4.9 (SEE CHART FOR DIMENSIONS)

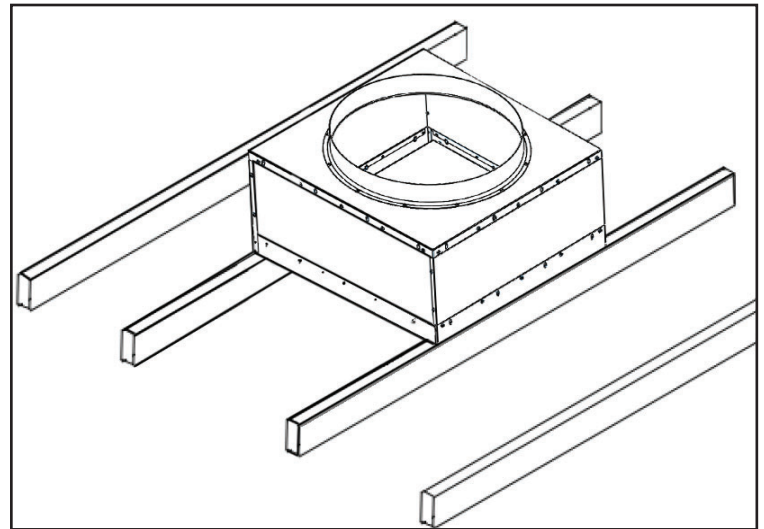


VentCool Models	Dimensions (in inches)			
	X	Y	Z	DIA
2.4	14	64.5	62.3	20
3.4	22.2	72.8	65	24
4.9	22.2	72.8	65	24

(4) Model may be supplied with either 16 or 18 inch diameter fan.



ELECTRICAL CONTROL BOX VENTCOOL 2.4, 3.4 & 4.9



TYPICAL INSTALLATION - VENTCOOL 2.4, 3.4, 4.9



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PROJECT INFORMATION

Quoted by:	Date:
Project:	Remarks:
Quantity:	
Model:	
Site:	
Architect:	
Engineer:	
Contractor:	