

ENGINEERING DATA



Model: FCPV-L

Fresh Command Ventilation System w/ Power Ventilator Lite

Part No. 602619300



DESCRIPTION

The FCPV-L is an intelligent, automatic, ventilation system that integrates with an existing HVAC system and thermostat to meet ASHRAE 62.2 requirements.

ITEMS INCLUDED IN KIT

- Fresh Air Power Ventilator Lite (FAPV-Lite)
- Fresh Command MultiFamily Control (FCMC)
- Mounting Hole Template
- Instruction Manual
- MERV-8 Filter
- Mounting Brackets (2)
- Mounting Packet containing Sheet Metal Screws
- Power Cord

PART NUMBERS

FAPV-L	602619200
Washable Filter	602619205
MERV-8 Filter	602619208
MERV-13 Filter	602619213
FCMC	602612300
Power Cord	602619220
Pig-Tail Cord	602619230

SHIPPING INFORMATION

Dimensions	23.7"x11.1"x10.7"
Weight	11.2 lbs.

CERTIFICATIONS

Safety - ETLus	UL507
Efficiency	Energy Star (FAPV-L)

FAPV-L PRODUCT SPECIFICATIONS

Housing	Material	Galvanized Steel
Motor	Type	BLDC
	Class	F Insulated
	Impeller Flammability	UL 94-5VA
	Ball bearings	Sealed
	Supply	120V, 60Hz
Power	Amps	0.55
	Watts	34
	Hardwired	Yes
	Power-Cord	Yes
	Fan Efficiency (CFM/W)	4.1
CFM @ .2 in w.g. M8	Low Speed	28 cfm
	Medium Speed	Variable
	High Speed	140 cfm
Sound	High	< 3 Sones
	Low	0.7 Sones
Filtration	Primary	MERV 8
	Optional	MERV 13
	Optional	Washable MERV 6
Port	Sizes (")	6"
	Duct Size	6"
Operation	Outdoor Temp.	-22 to 140°F

Controls	On-Board Control	Speed control knob w/ off sw.
	Indicator Ventilating	No
	Wired	Yes
	Wireless Remote	No
	Intermittent	Yes, Ext. Control
	Continuous Mode	Yes
	Control Mounting	No
Damper	Type	Motorized
Install & Maint	Ceiling Mountable	Yes
	Wall Mountable	Yes
	Tool-less Maintenance	Yes
	Erro Code Feedback	No
Dimensions	Filter Reminder	No
	Length	20.4"
	Height	8.2"
	Width	7.9"

FCMC PRODUCT SPECIFICATIONS

Power Requirements (Class 2 Appliance)

Power	
Input Voltage	16-32 VAC
Full Load Power	1.28W 27.4VAC
Idle Power	270mW @ 27.4 VAC
Wiring Requirements	18-22 AWG, 24 VAC (Min)
Operating Temperature Range	10°F to 160°F
Operating Humidity Range	5 to 95% RH (non-condensing)

Outputs	
Fan Output GF (Maximum Load Current)	8A inductive @30VAC
Vent (V,V) (Maximum Load Current)	8A inductive @30VAC, or 30ADC

FCMC FEATURES

- Complies to ASHRAE 62.2 with built-in calculations for easy setup and installation
- Auto-senses 8 key factors at startup to balance temperature and humidity regardless of climate zone
- Built-in temperature and humidity sensors with no additional wiring needed
- Quick-Start Test feature for an immediate test cycle
- Fast Click, lock cover deters tenant or renter interference
- Seeks to ventilate with a heating or cooling call for optimal comfort and efficiency
- One dial to adjust intermittent ventilation
- On/off switch with easy access that does not require cover removal

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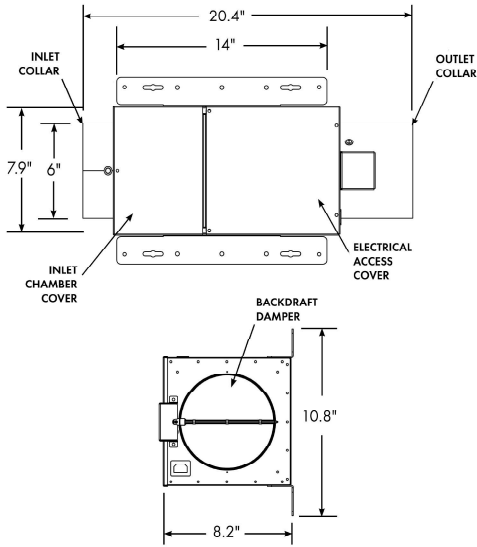
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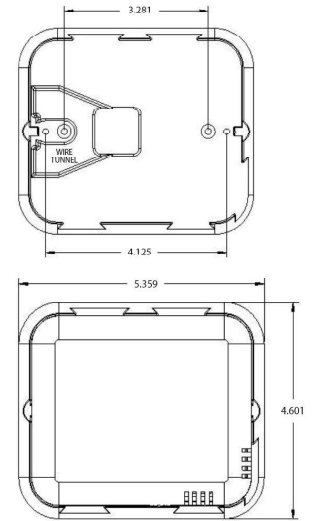
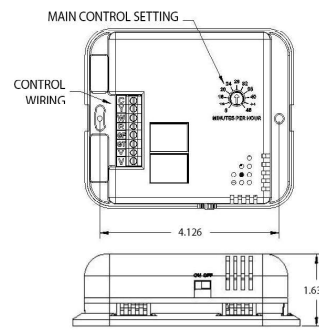
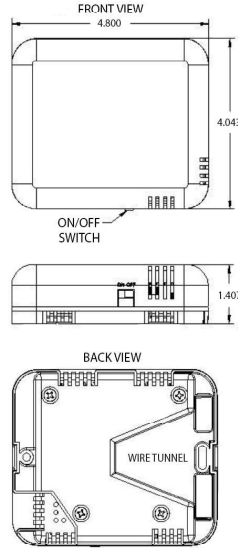
ENGINEERING DATA FCPV

DIMENSIONAL DATA

FAPV

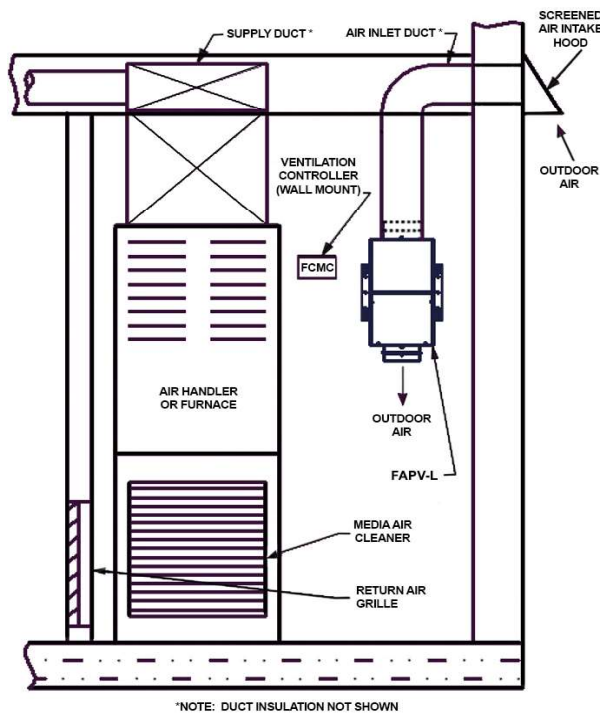


FCMC

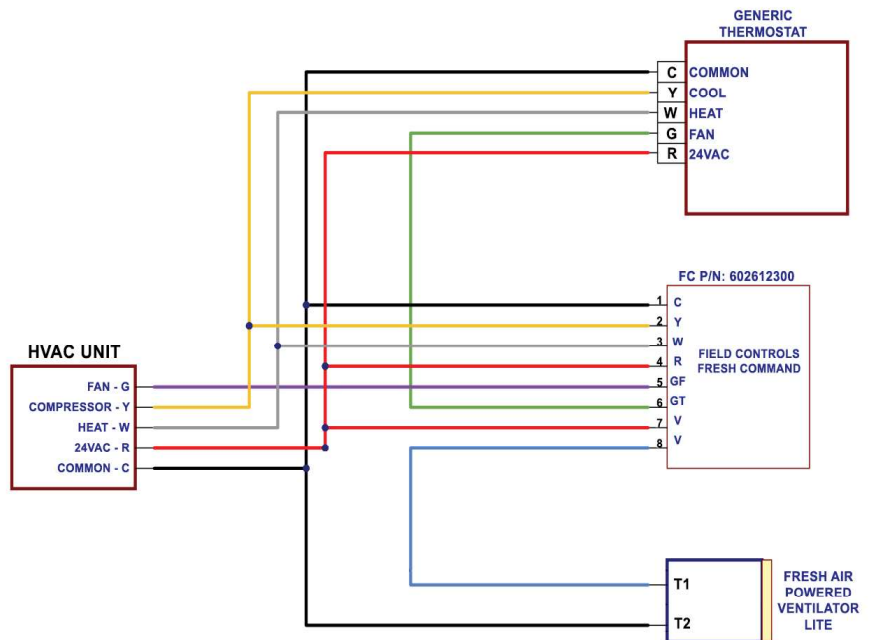


INSTALLATION

MECHANICAL CLOSET TYPICAL INSTALLATION



WIRING DIAGRAM OF TYPICAL INSTALLATION



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PROJECT INFORMATION

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