

ENGINEERING DATA



Model: FAPV-L

The smallest, most powerful supply fan on the market



MODEL

FAPV-L 602619200

FCPV-L (FCMC+FAPV-L) 602619300

FAVP-L (FAVC+FAPV-L) 602619400

INCLUDED IN KIT

FAPV-L Ventilator

MERV-8 Filter

Mounting Brackets (2)

#10 sheet metal screws (4)

6 ft. Power Cord

Instruction Booklet

PART NUMBERS

Washable Filter 602619205

MERV-8 Filter 602619208

MERV-13 Filter 602619213

FCMC 602612300

FAVC 602600100

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



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2630 Airport Road
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The Fresh Air Power Ventilator Lite (FAPV-L) is a powerful and compact inline duct-connected fresh air supply fan used to meet indoor ventilation code requirements. Designed for simple, fast, and flexible installation (horizontally, vertically, upside-down, or flush). DC motor and motorized damper ensure energy efficient operation. Built-in variable speed and constant airflow control settings. Pair with Field Controls FCMC for optimal operation.

SPECIFICATIONS

Housing		
Motor	Type	BLDC
	Class	F Insulated
	Impeller Flammability	UL 94-5VA
	Ball bearings	Sealed
Power	Supply	120V, 60Hz
	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
Damper	Control Mounting	No
	Type	Motorized
Install & Maint	Ceiling Mountable	Yes
	Wall Mountable	Yes
	Tool-less Maintenance	Yes
	Error Code Feedback	No
	Filter Reminder	No
Dimensions	Length	20.4"
	Height	8.2"
	Width	7.9"

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DIMENSIONAL DATA

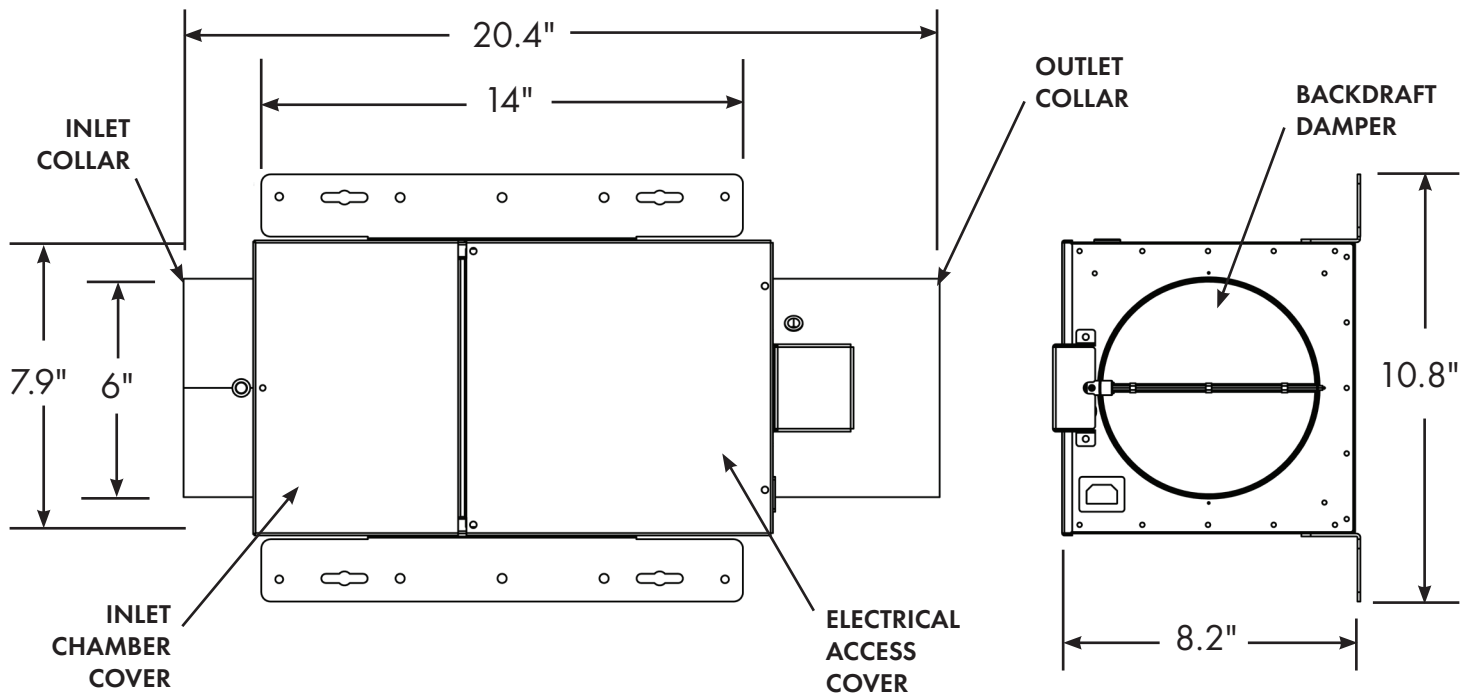


FIGURE 1: FAPV-L DIMENSIONS

PERFORMANCE

FAPV-L	Speed Setting	CFM @ Static Pressure (inches w.g.)								Amps @ .2" SP	Watts @.2" SP	Efficacy (CFM/Watt) @.2" SP
		0	0.1	0.15	0.2	0.25	0.3	0.4	0.5			
No Filter	MS	91	78	67	54	32	-	-	-	0.18	10	5
	HS	-	160	148	140	134	125	114	100	0.49	30	5
MERV 6 Washable	MS	80	70	60	41	28	8	-	-	0.17	10	4
	HS	140	137	130	125	119	109	101	81	0.48	29	4
MERV 8	LS	28	10	-	-	-	-	-	-	-	-	-
	MS	-	76	65	53	40	20	-	-	0.18	11	5.0
	HS	-	149	139	139	129	119	109	90	0.55	34	4.1
MERV 13	LS	21	6	-	-	-	-	-	-	-	-	-
	MS	85	66	50	39	26	8	-	-	0.17	10	4.0
	HS	140	130	123	115	110	105	88	70	0.58	36	3.2

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INSTALLATION

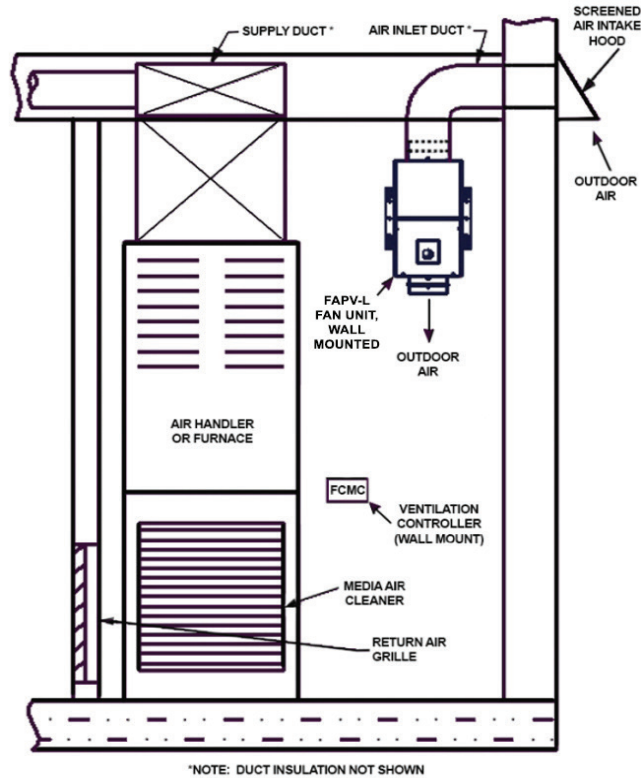


FIGURE 2: MECHANICAL CLOSET TYPICAL INSTALLATION

WIRING

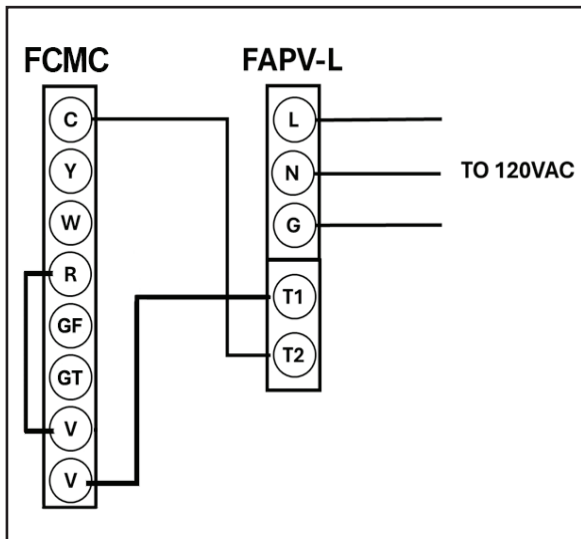


FIGURE 3: FCMC WIRING DIAGRAM -
INTERMITTENT OPERATION

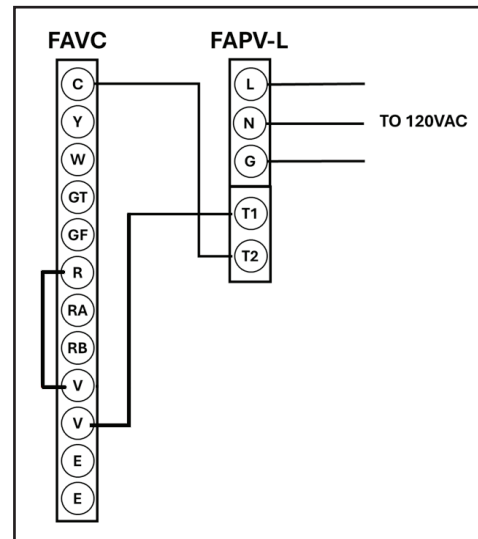


FIGURE 4: FAVC WIRING DIAGRAM -
INTERMITTENT OPERATION



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PROJECT INFORMATION

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