



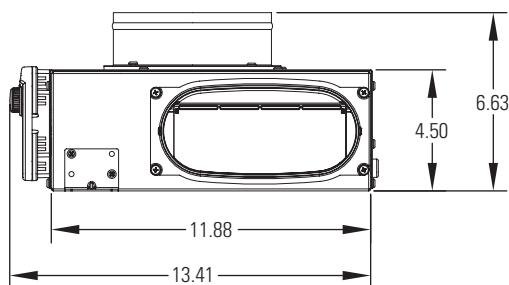
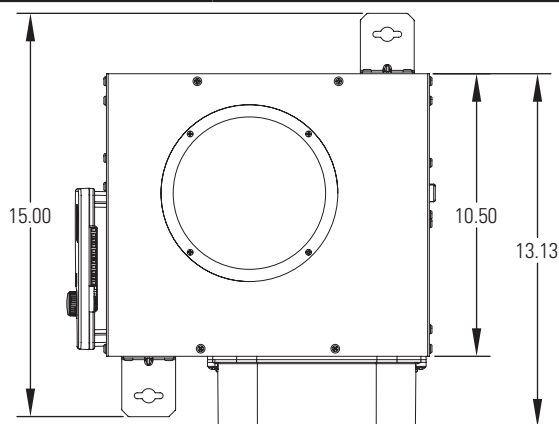
SPECIFICATION SHEET

MODEL 8142

Fresh Air Ventilator

With Backdraft Damper No Filter

PRODUCT SPECIFICATIONS	
Overall Dimensions	6.6"H x 13.1"W x 13.4"L including control
Inlet Collar	6" Round
Outlet Collar	6" Oval
Ventilation Time Dial Setting	Off, 15-60 minutes, (5 min increments), Test/Reset
Ambient Temperature	0°F to 160°F
Outdoor Temperature Limit Settings	Setting A, no limit, time only "B", 105°F high limit, 20°F low limit "C", 100°F high limit, 30°F low limit "D", 95°F high limit, 40°F low limit
Voltage	115 VAC, 1 phase, 60 Hz
Power	Includes 5' power cord with 5-15P plug
Ducting	6" diameter flexible insulated duct
Warranty	5 years
ETL	Tested to UL Standard 705 – Power Ventilators Not For Outdoor Use



FEATURES

- Unit is designed, when properly installed, to achieve ASHRAE Standard 62.2 2010
- Complies with 2012 & 2015 IECC (2.8 cfm/watt)
- Control is integrated into the Ventilator
- High and Low Temperature Limit Lock-outs while maintaining ASHRAE 62.2 2010
- Simple plug-in installation
- Installation temperature range up to 160°F

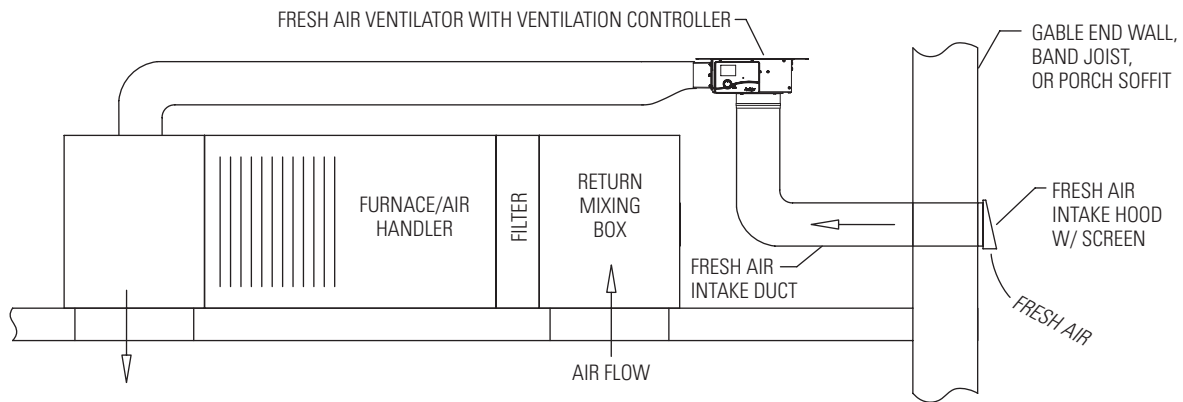
BENEFITS

- The precise amount of outside air needed in today's efficiently designed homes is delivered
- Optimize energy savings by locking out ventilation during hottest/coldest times of the day
- Improves indoor air quality
- Robust design handles hot attics
- Installation labor reduced, requires only a switched outlet and 24 volt wiring to HVAC system
- Furnace or air handler does not require an ECM motor

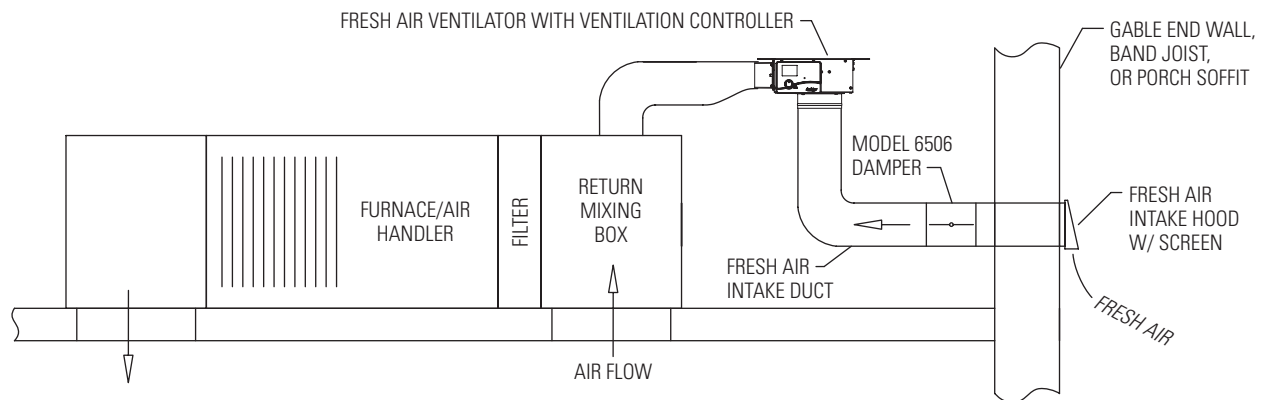
When properly installed and set, the Aprilaire Model 8142 Fresh Air Ventilator will meet the mechanical ventilation requirements of:

- Energy Star Certified Homes, Version 3
- EPA Indoor airPLUS, Version 1
- 2012 International Residential Code (IRC)
- 2012 & 2015 International Energy Conservation Code (IECC)
- California Energy Commission Title 24

Typical Attic Installation - Fresh Air Ventilator Ducted to Supply Duct



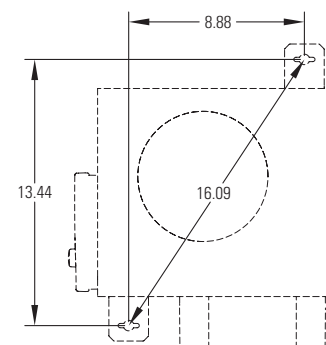
Alternate Attic Installation - Fresh Air Ventilator Ducted to Return Duct



PERFORMANCE			
External Static Pressure* ("w.c.)	Airflow (CFM)	Current (amps)	Efficacy (CFM/watt)
0.0	245	.63	3.30
0.2	220	.64	2.96
0.4	190	.64	2.57
0.6	160	.63	2.12
0.8	120	.61	1.69
1.0	95	.60	1.35

* Measured across ventilator.

Mounting Bracket Dimensions (inches)



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