

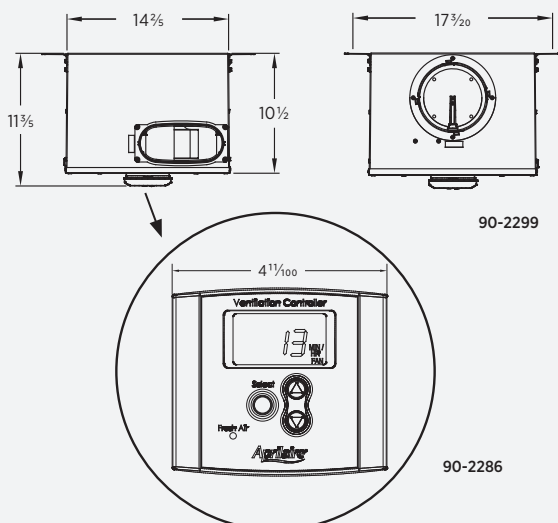
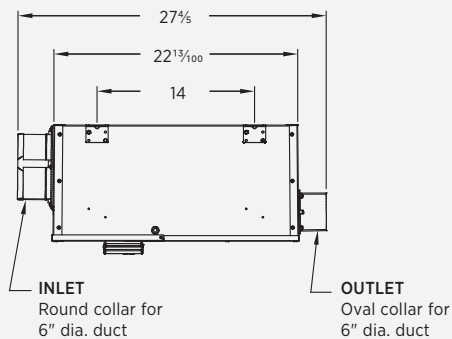
Fresh Air Ventilators

With Powered Damper & Filter

Model 8140, 8140NC | Specification Sheet

SPECIFICATIONS

Overall dimensions	14 $\frac{3}{8}$ " W x 11 $\frac{3}{8}$ " H x 27 $\frac{1}{8}$ " L
Inlet collar	6" Round
Outlet collar	6" Oval
Ventilation setting	Off, 6–60 min/hr Code/Comfort Operation
Ambient temperature	0°F – 140°F
Outdoor temperature limits	Low: -10°F–40°F High: 85°F–105°F
Indoor RH limits	Low: 10–30% High: 45–70%
Voltage	115VAC, 1 phase, 60 Hz
Power	Includes 5' power cord
Ducting	6" dia. flexible insulated duct
Warranty	5 Years
ETL	Tested to UL Standard 705 Not for outdoor use



8140



8140NC

FEATURES

- + Control is integrated into the Model 8140 Ventilator. The Model 8140NC has no integrated control so the ventilator can be hardwired to the HVAC system and controlled from within the living space.
- + High and low outdoor temperature limit lock-outs while maintaining ASHRAE Standard 62.2-2010 (Model 8140 only)
- + High and low indoor relative humidity (RH) limits can be set on the controller (Model 8140 only)
- + Patented logic adjusts on-time and cycle time to meet ventilation requirements within set temp and RH ranges (Model 8140 only)*
- + Integrated powered damper
- + Removable, washable filter

BENEFITS

- + Delivers the precise amount of outside air needed in today's efficiently designed homes
- + Model 8140 optimizes energy savings by locking out ventilation during hottest/coldest times of the day
- + Improves indoor air quality
- + Robust design handles hot attics up to 140°F
- + 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 to meet efficacy requirement

When properly installed and set, the Aprilaire Model 8140 will meet the mechanical ventilation requirements of:**

- + ASHRAE 62.2-2010
- + Energy Star Certified Homes, Version 3
- + EPA Indoor airPLUS, Version 1
- + 2012 & 2015 International Residential Code (IRC)
- + 2012 & 2015 International Energy Conservation Code (IECC)
- + California Energy Commission Title 24

*Pat. No. 9,874,366. Applies to all controls listed below.

**8140NC compliance is subject to the functionality of the external control. To assure compliance, use an 8910, 8910W, 8920W, 8620 or 8620W thermostat or 8120X ventilation controller.