

SPECIFICATIONS AND SIZING SUMMARY

MODEL	8191	8192
Nominal ventilation airflow (CFM)	100 CFM	200 CFM
Capacity ⁽¹⁾ pints/day	70 ppd	95 ppd
Energy factor ⁽¹⁾	1.91 L/kW-h	2.2 L/kW-h
Energy star qualified	Yes	No
Air flow @ various external static pressure - dry coil		
0.0 in WC	160 CFM	265 CFM
0.2 in WC	120 CFM	230 CFM
0.4 in WC	70 CFM	200 CFM
Voltage, Phase, Frequency	120VAC, 1, 60 Hz	
Current draw ⁽¹⁾	6.3 amps	8.0 amps
Sound level	47 dBA ducted	54 dBA ducted
	51 dBA unducted	
Dimensions - cabinet only		
Width	12½"	12½"
Height ⁽²⁾	14½"	14½"
Length	25"	27½"
Weight	70 lbs	75 lbs
Operating Condition		
Inlet air operating conditions	50°F - 104°F, 40°F dew point min.	
Ambient/Ventilation	40°F - 140°F, 0% - 99% RH	

⁽¹⁾ Rated capacity and Energy Factor test done and current draw measure in accordance with AHAM DH-1 2008 at 80°F/60%RH inlet air at 0.0 ESP.

⁽²⁾ Height does not include adjustable feet or casters. The width excludes the filter doors, and length excludes the duct collars.

SPECIFICATIONS

Control	Built-in digital control with display
Control mounting option	Field interchangeable from top to front
Cabinet insulation	1/2" EPS
Air discharge orientation	Top or end air discharge
Inlet/Outlet duct collars	10" round
Back damper at outlet	Included
Air filter	Washable MERV 8
Refrigeration	R-410A
Coil type	Corrosion resistant aluminum
8' Power cord type	Plug type
Drain connection ⁽³⁾	3/4" PVC adapters
Warranty	5 years

⁽³⁾ Thread adapter and barbed fitting for clear drain tubing included.



FEATURES

- + Removes moisture from outdoor air before it enters the live space
- + Unit is designed, when properly installed, to achieve ASHRAE Standard 62.2-2010
- + Integral moisture and ventilation control
- + Optional ventilation control via thermostat (see below)
- + High and Low Temperature Limit Lock-outs
- + Simple plug-in installation
- + Installation temperature range up to 140°

RECOMMENDED CONTROLS

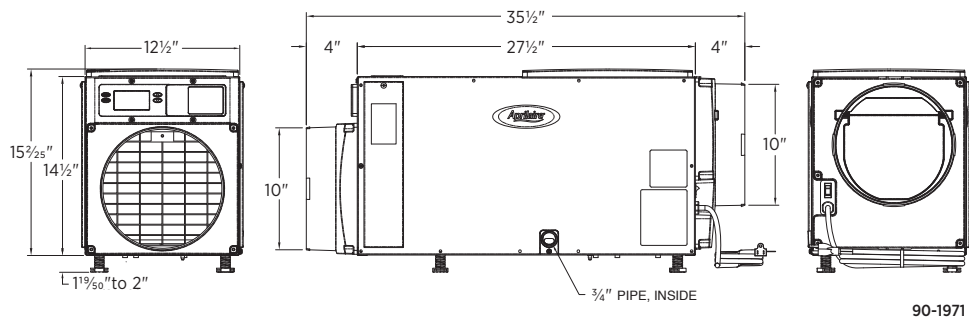
- + Aprilaire Thermostat Models
 - 8620, 8620W - 8910, 8910W - 8920W
- + Aprilaire Communicating Thermostat Models
 - 8820 - 8830 - 8840

BENEFITS

- + Helps control RH in the home during periods when the air conditioning system does not run long enough to remove sufficient moisture. If air conditioner can satisfy RH requirements, the Aprilaire unit's compressor shuts off
- + Optimize energy savings by locking out ventilation during hottest/coldest times of the day
- + Improves indoor air quality
- + Installation labor reduced, requires only a power outlet and 24 volt wiring to HVAC system

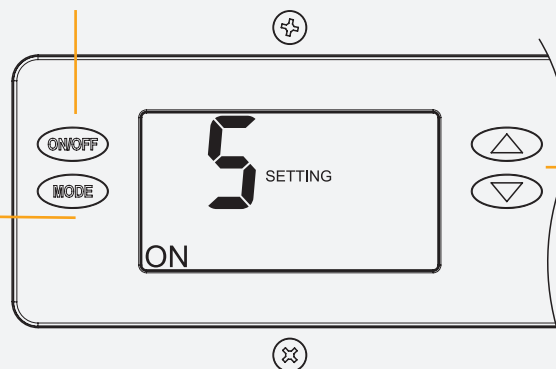
When properly installed and set, the Aprilaire Model 8191 and Model 8192 ventilators with dehumidification will meet the mechanical ventilation requirements of:

- + Energy Star Certified Homes, Version 3
- + EPA Indoor airPLUS, Version 1
- + 2012 & 2015 International Residential Code (IRC)
- + 2012 & 2015 International Energy Conservation Code (IECC) – 8191 Only



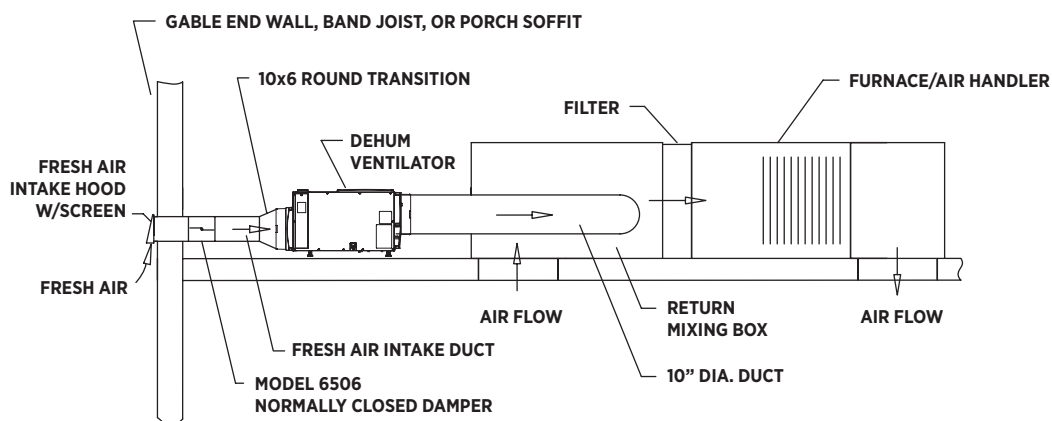
ON/OFF button used to turn the ventilator on and off

MODE button used to access ventilation time setting



UP/DOWN buttons used to change humidity or vent time setting

Ducting the Ventilator



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