

AprilAire®

Ventilation

FEATURES

- Removes moisture from outdoor air before it enters the living space
- Unit is designed, when properly installed, to achieve ASHRAE Standard 62.2
- 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°

SPECIFICATIONS

Nominal ventilation airflow (CFM)	200 CFM	
Capacity ⁽¹⁾ pints/day	100 ppd	
Energy factor ⁽¹⁾	2.6 L/kWh	
Energy star qualified	No	
Airflow @ varying E.S.P. (external static pressure - dry coil)	0.0" w.c.	280 CFM
	0.2" w.c.	245 CFM
	0.4" w.c.	210 CFM
Voltage, phase, frequency	120VAC, 1, 60 Hz	
Current draw ⁽¹⁾	6.7 Amps	
Noise-Fan Only	52.8 dBA (ducted)	
Noise-Compressor and Fan	55.0 dBA (ducted)	
Dimensions:	Width: 14" Height: 15" Length: 26"	
Unit Weight	69 lbs.	
Shipping Weight	82 lbs.	
Inlet air operating conditions during	Dehumidification	50°F–104°F, 40°F dew point min.
	Ventilation	40°F–140°F, 0%–99% RH
Control	Built-in digital control with display	
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-32	
Coil type	Corrosion-resistant aluminum	
8' Power cord type	Plug type	
Drain connection ⁽³⁾	3/4" PVC	
Warranty	5 Years	

SPECIFICATION SHEET

Model E100DV

Fresh Air Ventilator
with Dehumidification



5
YEAR
WARRANTY

Designed &
Assembled
in the USA

utilizing U.S. and Global Components

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 E100DV ventilator with dehumidification will meet the mechanical ventilation requirements of:

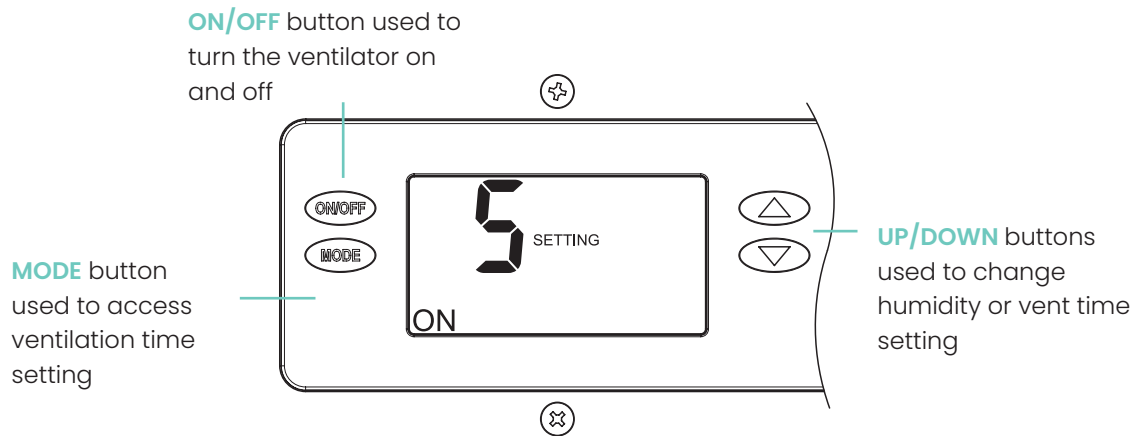
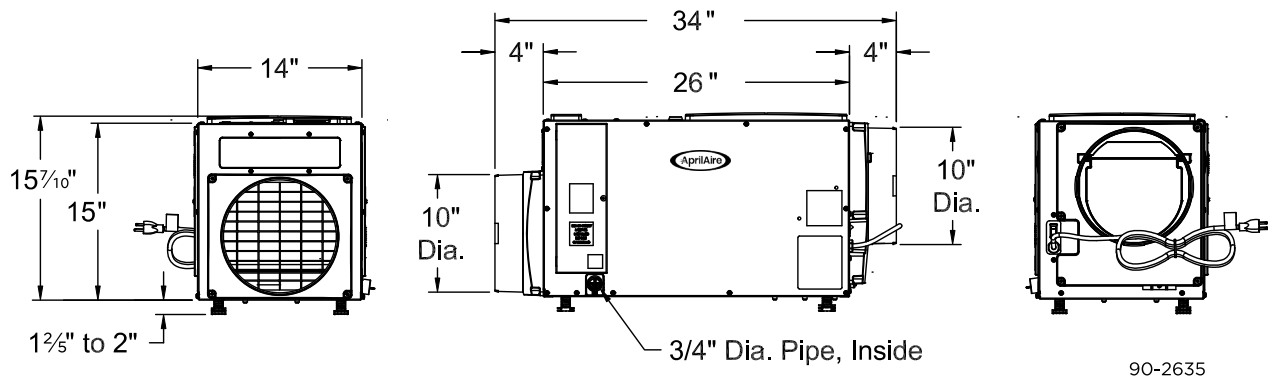
- ASHRAE 62.2
- Energy Star Certified Homes
- EPA Indoor airPLUS
- International Residential Code (IRC)

RECOMMENDED CONTROLS

- AprilAire Thermostat Models
8620 8620W 8910 8910W
8920W S86NMUPR S86WMUPR
- AprilAire Communicating Thermostat Model 8840

⁽¹⁾Rated capacity, energy factor and current draw measured at 80°F/60% RH inlet air at 0.0 ESP.

⁽²⁾Thread adapter and barbed fitting for 3/4" clear drain tubing included.



DUCTING THE VENTILATOR

