



## Dehumidification

Apr. 2025



## Control Moisture. Prevent Mold & Damage.

Reduces excess humidity to prevent mold, odors, and structural damage while improving home comfort.





We are professional-grade Healthy Air solutions. AprilAire is on a mission to enhance people's health by improving the air in their homes. Healthy Air is essential to living a healthy lifestyle and improving our overall well-being. We are inspired by the needs of consumers and the expertise of professional contractors to create, design, and build innovative solutions.

**AprilAire is Healthy Air.**



\*Dehumidifier Models E080, E100, and E130 | Ventilation Model E100V + 8190FF | Thermostat Model S86WMUPR

## AprilAire Healthy Air System®

The comprehensive all-in-one AprilAire Healthy Air System® is the most effective way to create a healthy home. Designed to meet your unique needs, the whole-house System will create a Healthy Air environment by removing dust, allergens, and viruses from your air and equipment, balancing humidity, introducing fresh air, and mitigating harmful radon gas.



**Include on Every Job**

**Increase Average Ticket & Margin**



### Dehumidifier

- Reduces mold, mildew, and musty odors
- Improves comfort by eliminating sticky, humid air
- Protects home structure and belongings from moisture damage



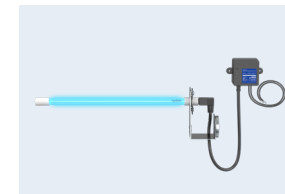
### Humidifier

- Prevents dry air issues like cracked skin, bloody noses, and static electricity
- Protects wood, floors, belongings, and furniture
- Supports immunity and helps improve sleep



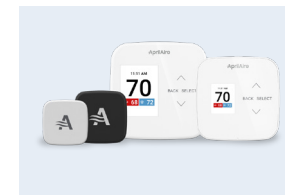
### Air Cleaner and Media

- Industry-leading filtration providing low static pressure and a broad range of MERV options
- Extends HVAC system life with a guarantee to keep coils clean
- Removes up to 99% of airborne and allergy pollutants



### UVC (Ultra Violet)

- Kills viruses, bacteria, and mold spores
- Prevents harmful HVAC coil buildup
- Enhances overall air cleanliness by reducing biological contaminants



### Healthy Air System Controls

- Balances indoor temp and indoor air quality
- Boosts energy savings year-round
- Allows remote control and automation



### Fresh Air Ventilation

- Brings in clean air, diluting indoor pollutants, odors, and VOCs
- Helps control humidity, reducing mold growth and moisture
- Supports a healthier home by preventing stale, stuffy air

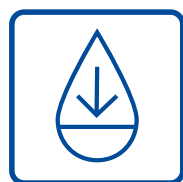


### Radon Mitigation

- Reduces exposure to radon gas, lowering the risk of lung cancer
- Continuously removes radon from indoor air
- Increases home value with a safer living environment







## Dehumidification Solutions

### Garage

Ducted to dedicated grilles in the living space

### Crawl Spaces

Flex ducted to dedicated grilles in the living space

### Attic

Ducted to the HVAC equipment located in the attic

### Basement

Ducted to the HVAC equipment

## So Many Applications. So Easy to Install.

Every home should have healthy air. That's why we designed our dehumidifiers for all kinds of applications and made installing them as easy as possible. Our full line offers several sizes and capacities with models that provide adjustable top or side discharge, top or side control, and several external control options.

### We've Never Met a Home We Couldn't Help.

Whether you're in the steamy south, chilly north, or damp northwest, an AprilAire Dehumidifier can help improve your customers' air. These versatile dehumidifiers can be installed wherever they will most effectively solve their home's moisture and high humidity problems.

- Attics
- Basements
- Closets
- Crawl Spaces
- Garages

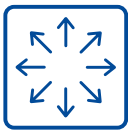


# Better air made through better efficiencies.



### Energy Efficient

Removes moisture with less energy



### Expanded Capacity

More pints per day



### Ease of Install

Supports all critical applications

### Digital Control

- Intuitive RH% set point
- Top and side mounting options
- Interactive display walks you through set up options, eliminating dip switches
- Ventilation control options including ASHRAE 62.2
- Primary/secondary zoned dehumidification options

- Set to either activate or deactivate the unit while the air conditioner is running
- Troubleshooting assistance with easy to identify diagnostic codes on the display and on back of the control cover
- Wi-Fi enabled control available as an upgrade to new or installed units. \*Available on E070W, E080W, E100W, and E130W.



### Accurate Installation

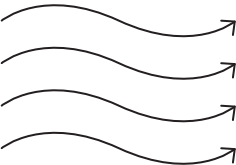
Bubble level on top of unit for accurate installation

### World-Class Quality

- **Aluminum coils** Protect against corrosion, extending the life of the refrigeration system
- **Quality control** End of line testing with helium leak detection
- **Refrigeration design** Optimized for manufacturing and to withstand severe shipping
- **Warranty** 5-year warranty and industry leading claim processing
- **Certified Energy Efficient** Models E080, E100, and E130 are certified as ENERGY STAR® Most Efficient in 2025 to meet strict specifications.



\*Models E080, E100, and E130



### Smaller Cabinet, Larger Capacity

The Models E080 and E100 have expanded capacities with a reduced cabinet size that fits into crawl spaces, scuttle openings, and HVAC closets

### Duct Collar

10" in diameter with retention tabs

### Fresh Air

- Ability to pull fresh air into the home (per ASHRAE 62.2)
- Dehumidifies ventilated air

### Water Removal Per Day

Industry leading capacities (70-130 pint per day options)

### Whisper Quiet

Air flow managed to minimize noise while maximizing efficiency

### Simple Draining

Patented backflow insert forces water out of the drain, removing the need for a P-trap

### Corrosion Defense

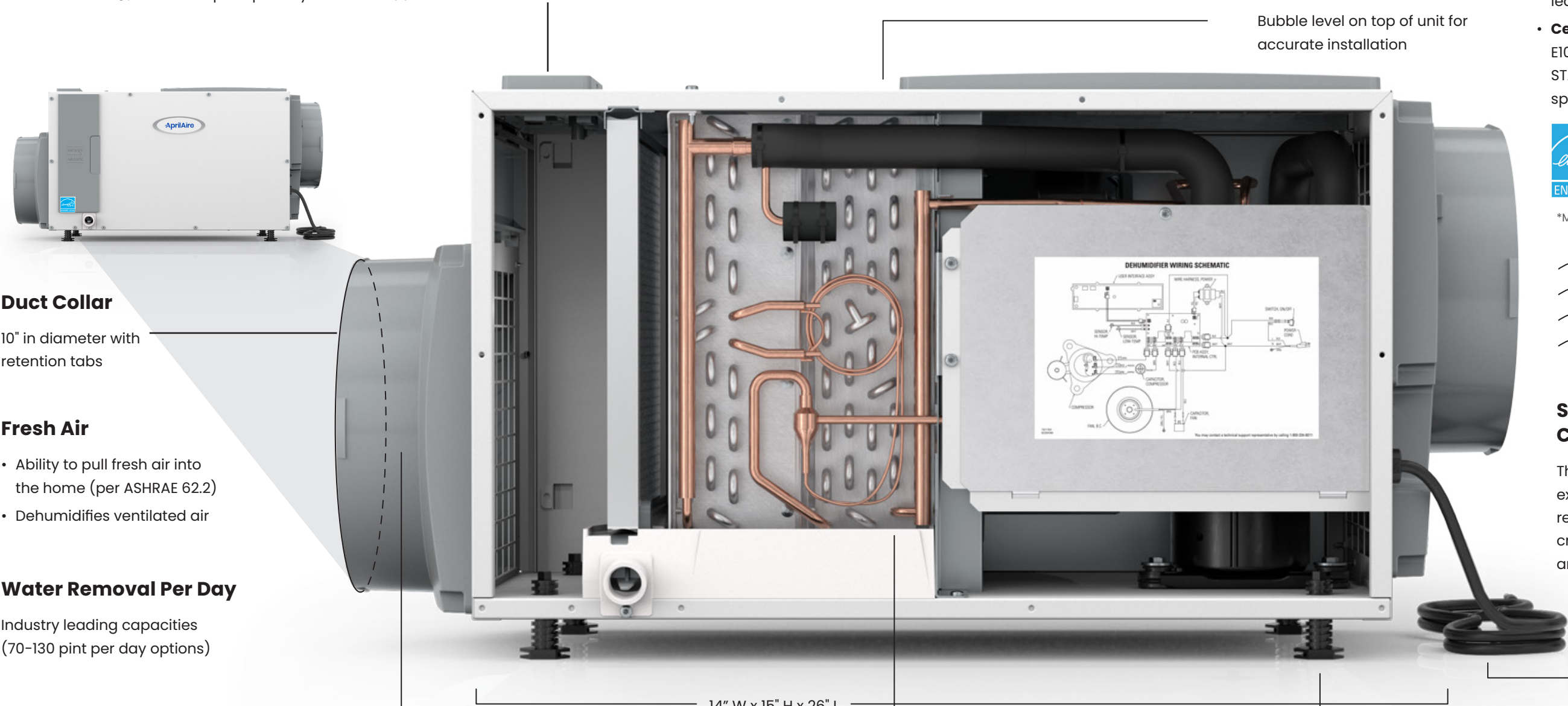
Aluminum coils for complete corrosion defense

### Adjustable Feet

Robust plastic feet are easy to adjust by hand, no tools necessary


















### Power Options

Plug the unit directly into an outlet or hardwired options available



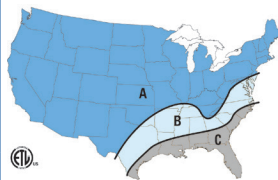
Model E100 Shown

14" W x 15" H x 26" L

APRILAIRE DEHUMIDIFIERS	MODEL NO.	UNIT SIZE <sup>2</sup> WIDTH X HEIGHT X DEPTH	CAPACITY PPD = PINTS PER DAY	UNIT WEIGHT LBS.
 	E050	10 x 10 x 25	50 ppd	46
  	E070 E070W	12½" x 12½" x 25"	70 ppd	56
  	E080 E080H <sup>1</sup> E080W	14" x 15" x 26"	80 ppd 	63
  	E100 E100H <sup>1</sup> E100C <sup>2</sup> E100W	14" x 15" x 26"	100 ppd 	64
  	E130 E130H E130C <sup>2</sup> E130W	19½" x 18¾" x 30"	130 ppd 	98

<sup>1</sup>E080H, E100H, and E130H are hardwired units <sup>2</sup>E100C and E130C are on casters. E070W, E080W, E100W and E130W indicates Wi-Fi enabled.

## DEHUMIDIFIER SIZING GUIDELINES

	<p>Use the sizing chart below as a guideline only. The actual home size each model can dehumidify is dependent on the exact location of the home, the actual total ventilation rate, occupant living habits, moisture removal characteristics of the air conditioning system, and the environmental conditions at which the occupants experience comfort. Values reflect the most humid locations within each region.</p> <p><b>To project moisture load for your application, and get capacity and utilization by model and recommended unit quantity, go to <a href="https://aprilairpartners.com/dsa">AprilAirePartners.com/dsa</a> or scan the QR code below.</b></p>							
	MODEL E070		MODEL E080		MODEL E100		MODEL E130	
	Loose	Tight	Loose	Tight	Loose	Tight	Loose	Tight
<b>Region A</b>	2600 Ft <sup>2</sup>	3500 Ft <sup>2</sup>	3200 Ft <sup>2</sup>	4400 Ft <sup>2</sup>	4000 Ft <sup>2</sup>	5500 Ft <sup>2</sup>	5200 Ft <sup>2</sup>	7200 Ft <sup>2</sup>
<b>Region B</b>	2200 Ft <sup>2</sup>	3100 Ft <sup>2</sup>	2600 Ft <sup>2</sup>	3900 Ft <sup>2</sup>	3200 Ft <sup>2</sup>	5000 Ft <sup>2</sup>	3900 Ft <sup>2</sup>	6500 Ft <sup>2</sup>
<b>Region C</b>	1300 Ft <sup>2</sup>	1900 Ft <sup>2</sup>	1600 Ft <sup>2</sup>	2300 Ft <sup>2</sup>	2000 Ft <sup>2</sup>	3000 Ft <sup>2</sup>	2300 Ft <sup>2</sup>	3600 Ft <sup>2</sup>

Models including a C, H or W will have the same capacity as the base model indicated.

## Optional Accessories



### Model 5822 Hanging Kit

- Weight: 3 lbs.
- Supports up to 200 lbs.



### Model 5546 Living Space Duct Kit



### Model 76 Dehumidifier Control

- As an "External Control" it displays RH and controls to an RH value for basements
- As a "Remote Control" it displays RH and controls to dew point for crawl spaces



### Model 4856 Condensate Pump

- 22 ft. lift
- Low profile



### Model 5879 Dehumidifier Riser Kit



### Model 5958 Condensate Pump Bracket

- Intuitive rail system
- No additional screws
- Threaded drain elbow



### MERV 11 Available Filters

- 5946 (Model E070)
- 5947 (Models E080, E100)
- 70000010 (Model E130)



### Model 70000238 Wi-Fi User Interface Upgrade Kit

- Compatible with E-series 70-130 dehumidifiers
- Installs in ~3 minutes, no tools required
- Enhanced product support

