



Basement & Crawl Space Dehumidifier

Product Guide



Healthy Air
from the Ground Up

Make dehumidifiers part of your solution

Inform your customers of the importance of proper humidity control for long-term protection.

Basements

Damp basements are unavoidable; even with proper foundation protection. Moisture infiltrates at any sublevel. Most homeowners use a dehumidifier to avoid musty odors. They may not be aware of other problems associated with high humidity, like allergy-aggravating mold. Or mildew that damages possessions, or warpage of wood. Typical portable dehumidifiers often can't keep up with the high humidity environment. Offer your customers a higher capacity, commercial-grade dehumidifier that runs more efficiently. Aprilaire dehumidifiers provide better protection, easier maintenance, and unrivaled energy efficiency.

Crawl Spaces

Even encapsulated crawl spaces continue to build up humidity. Condensation forms on duct work and pipes and small amounts of moisture continues to seep through walls and floors. Over time, wood floor joists can warp and even decay. Sealing the crawl space and adequately controlling the dew point with a high-capacity dehumidifier is the only way to properly protect the home.



Added Benefits

- + **Healthier indoor air** Controlling high humidity can help reduce airborne viruses, mold and mildew growth which can aggravate allergies and asthma.
- + **A more comfortable home** Damp, sticky conditions and musty odors are eliminated when excess moisture in the air is removed and controlled.
- + **Protection** Protect house structure, woodwork, draperies, valuables being stored like clothing, photos, etc.
- + **Energy savings** Feel comfortable without having to overcool the home with air conditioning. An Aprilaire dehumidifier will control humidity better and more efficiently than smaller portable units, saving homeowners money on their energy bills for years to come.

Aprilaire Commitment to Your Business

Aprilaire goes beyond world-class service and product quality. Since 1954, we've used our humidification engineering and marketing expertise to provide you with proven-successful tools that will substantially grow your business. We'll develop your greatest resource (your people) into successful sellers and promoters of high-capacity, commercial-grade dehumidification as a permanent and necessary moisture control solution.

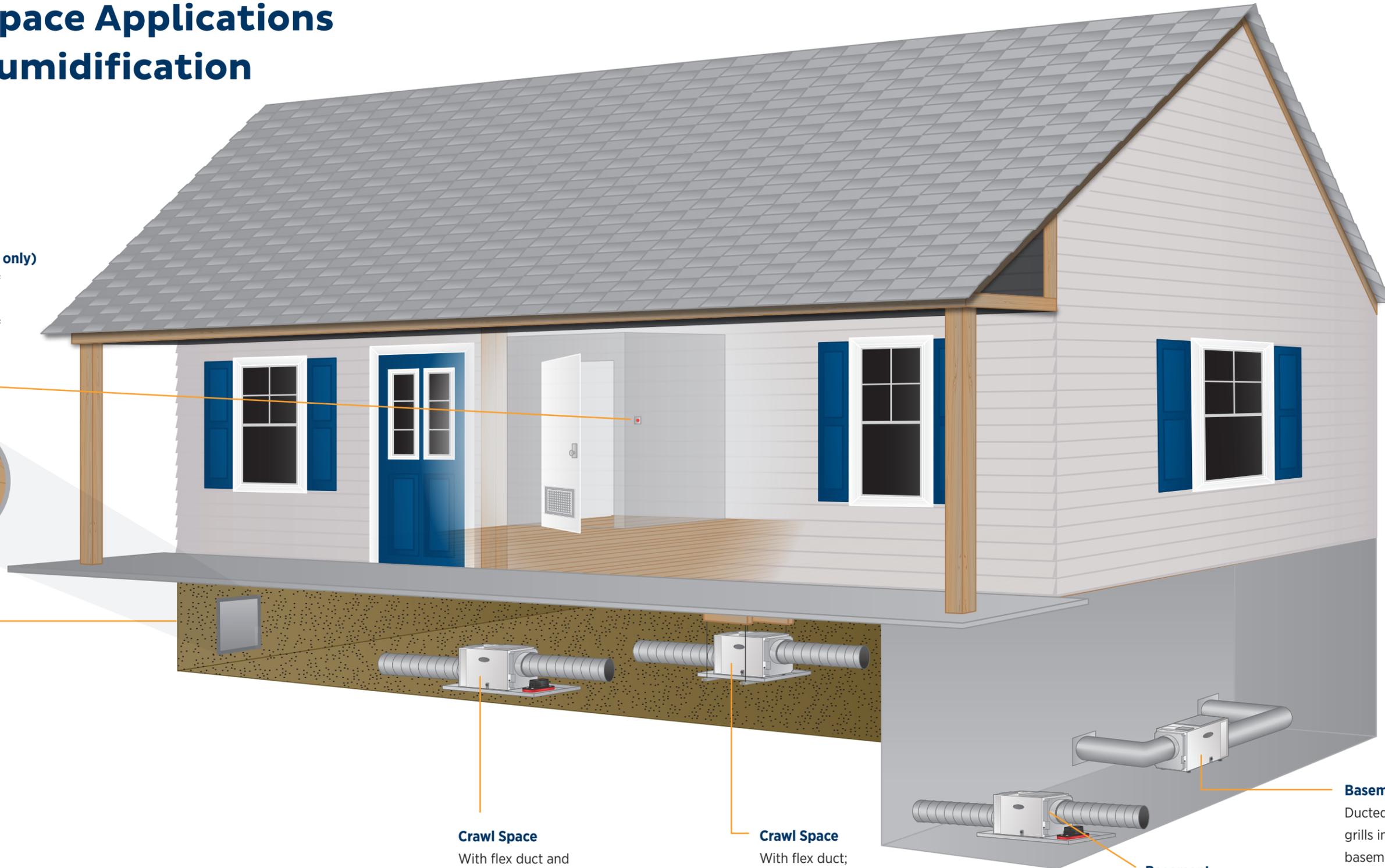
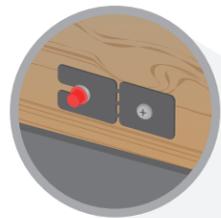
- + Training for your installers, technicians and sales consultants.
- + In-home sales tools to communicate the need to dehumidify and the best solution *you* provide for your homeowner customers.
- + Co-op advertising tools to help you promote your business.
- + Free imprinting on literature and products.
- + Live tech support and customer service teams ready to help you with product knowledge, selling tools and literature.

Offer high-capacity dehumidification for years of trouble-free protection.

Basement and Crawl Space Applications for Dehumidification

Indicator Light (crawl space units only)

Mounted outside of building or in living space. Illuminates if unit needs service.



Crawl Space
With flex duct and condensate pump

Crawl Space
With flex duct; hanging from floor joist

Duct Collar
10" in diameter with retention tabs

Basement
With flex duct and optional condensate pump

Basement
Ducted to dedicated grills in a finished basement

What Makes E-Series Dehumidifiers Better



Energy Efficient

Removes moisture with less energy



Expanded Capacity

More pints per day



Ease of Install

Supports all critical applications

Digital Control

- Intuitive consumer 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
- New setting 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
- Flexible control options in living space



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
- **Manufacturing process** End of line testing with helium leak detection
- **Refrigeration design** Optimized for manufacturing, withstands severe shipping
- **Warranty** 5-year warranty and industry leading claim processing
- **Energy Efficient** E080, E100, E130 recognized as ENERGY STAR[®] Most Efficient for 2021.

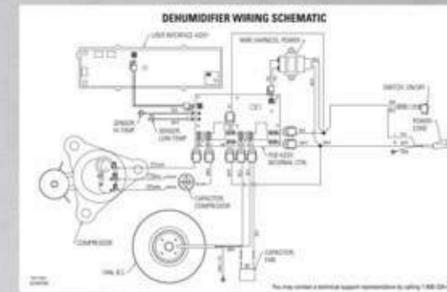
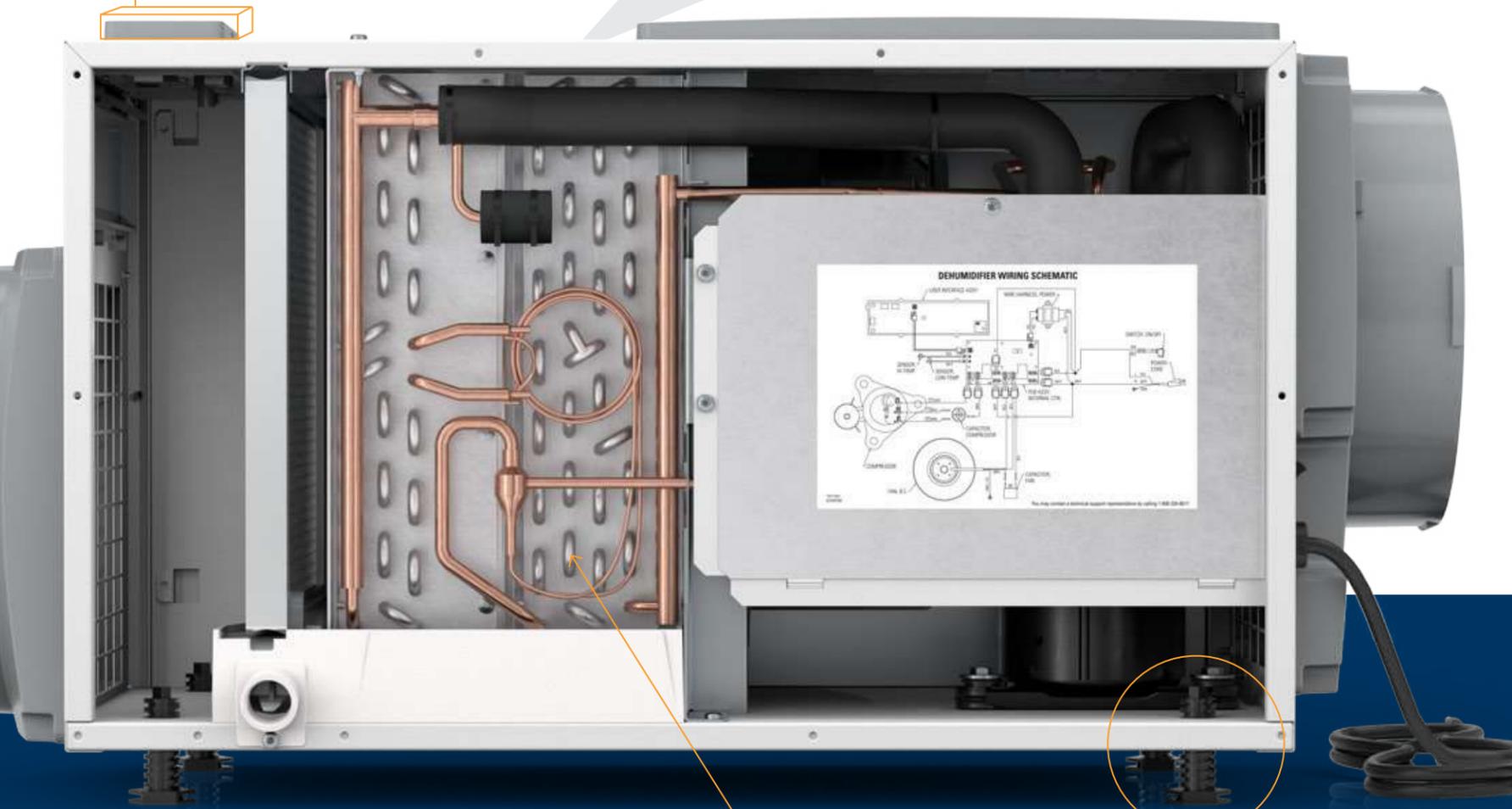


Duct Collar

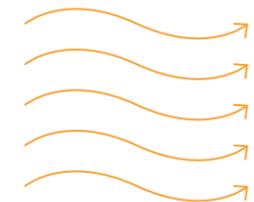
10" in diameter with retention tabs

Fresh Air

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



- No P-trap needed



Water Removal Per Day

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

Whisper Quiet

Air flow managed to minimize noise while maximizing efficiency

Model E100 Shown

Small 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

14 W x 15" H x 26" L

Corrosion Defense

Aluminum coil for complete corrosion defense

Adjustable Feet

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

Power Options

1. Plug the unit directly into an outlet
2. Hardwired options available

CE-series



Energy Efficient
Removes moisture with less energy



Expanded Capacity
More pints per day



Ease of Install
Supports all critical applications

Aprilaire Dehumidifiers	Model No.	Unit Size Width x Height x Length	Capacity ³ ppd = Pints Per Day	Sizing Guidelines (ft ²) ⁴	Unit Weight lbs.
 	E070	12½" x 12½" x 25"	70 ppd	2200	56
 	E080 E080CS¹	14" x 15" x 26"	80 ppd 	2600	63
 	E100 E100C² E100CS¹	14" x 15" x 26"	100 ppd 	3200	64
 	E130 E130C²	19½" x 18¾" x 30"	130 ppd 	4000	98



¹Models with CS are optimized for crawl spaces and control to a "Dew Point" set point.

²Models E100C and E130C are on Casters.

³Rated capacity measured at 80°F/60% RH inlet air at 0.0 ESP.

⁴Recommended crawl space area ft² with the listed dehumidifier can meet the dehumidification load, assuming the crawl space is sealed. These are sizing guidelines only. Unit sizing is dependent on the location of the crawl space, the soil and environmental conditions surrounding the crawl space.

Control and Install Accessories



Living Space Control Model 76

Accurate RH reading and dehumidifier control from within the living space.



Condensate Pump Part #4856

When no drain is accessible, the unit pumps water to the outside.

Pump Bracket and Rail Part #5764



Dehumidifier Risers Part #5879

6" risers for improved condensate pump drainage and secure, level installations. Set of 4.



Living Space Duct Kit Part #5546

Dehumidify homes without integrating it into a centralized heating/cooling system.



Dehumidifier Hanging Kit Part #5822

Hang Aprilaire dehumidifiers from floor joists when on-ground placement is not an option.