



25+  
years  
experience

100%  
guarantee

R&D  
in-house

# HUMIDITY CONTROL SYSTEM

## Humidex HCS – for apartments, crawlspaces, and basements

*Key to a healthy indoor environment, upstairs and down, year-round*

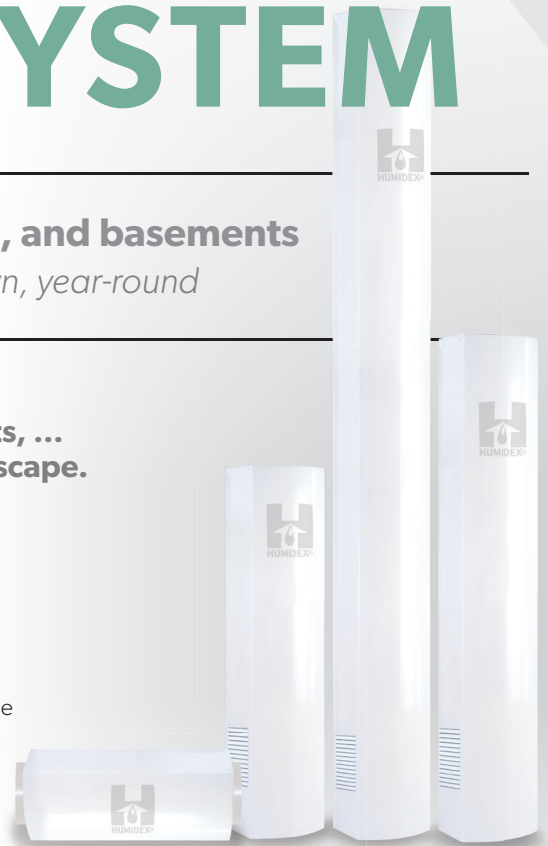
**Excess humidity, stale musty odors, indoor air pollutants, ... all can be trapped inside your home with no means of escape.**

Up to 50% of the air you breathe indoors can have worked its way upstairs from an unhealthy crawlspace or basement environment. Damp, musty, moldy, and contaminated air can affect your family's health, and cause structural damage to the building.

The Humidex HCS monitors air being pulled downstairs, in real time, with the LCD Wall Control that is installed

upstairs. By monitoring both the upstairs as well as the downstairs air, this intelligent system continuously exhausts stale, damp, and polluted air, at a perfect extraction rate. This results in a drier and more comfortable environment throughout the home.

For an apartment, condo, or on-slab home, similar benefits are achieved. More comfort – less maintenance costs.



**Three models available:** Apartment/ Condo/ On-Slab Model  
Basement Model • Crawlspace Model • Booster Fan optional

**Testing has shown that our Humidex systems are an efficient solution to help reduce the concentration of radon gas in the air in both the basement and the upstairs of homes.**

### Humidity Control System **ADVANTAGES**

- The Humidex HCS monitors the risk of condensation, and when condensation is present, uses a built-in algorithm to reduce it
- Another built-in feature detects when an AC system is present, and then helps improve its effectiveness
- Energy-efficient with very low electricity consumption
- Each model is designed to remedy ventilation and structural issues found in each type of home
- Easy to install, effortless to maintain, and never any water to empty

### Humidity Control System **BENEFITS**

- Reduces humidity down to your chosen pre-set level
- Can transform a basement or crawlspace into useable living or storage space
- Eliminates musty odors and other airborne pollutants, such as fumes from paints, furnishings, carpeting, and household cleaning products
- Ventilates the entire home
- Prevents costly mold and mildew damage to stored items, furniture, and clothing
- Reduces the risk of costly household repairs caused by mold and rot

**PERFORMANCE GUARANTEED!**



Humidex HCS — Humidity control wherever you need it. From a specially designed apartment model, to a basement or crawlspace system incorporating a remote sensor and a booster fan, Humidex protects your home and makes it more comfortable.

With the booster fan connected, the system will be able to match both the supply and exhaust ventilation rate to ensure proper air balance.

The addition of a booster fan ensures that the air is coming from the main level and not from other sources in the basement or crawlspace (cracked foundations, windows, doors, etc.).

When adding a booster fan to the system, the Humidex HCS will use the temperature and humidity readings from the booster fan as the supply readings, allowing the unit to know the exact air quality being pulled downstairs.

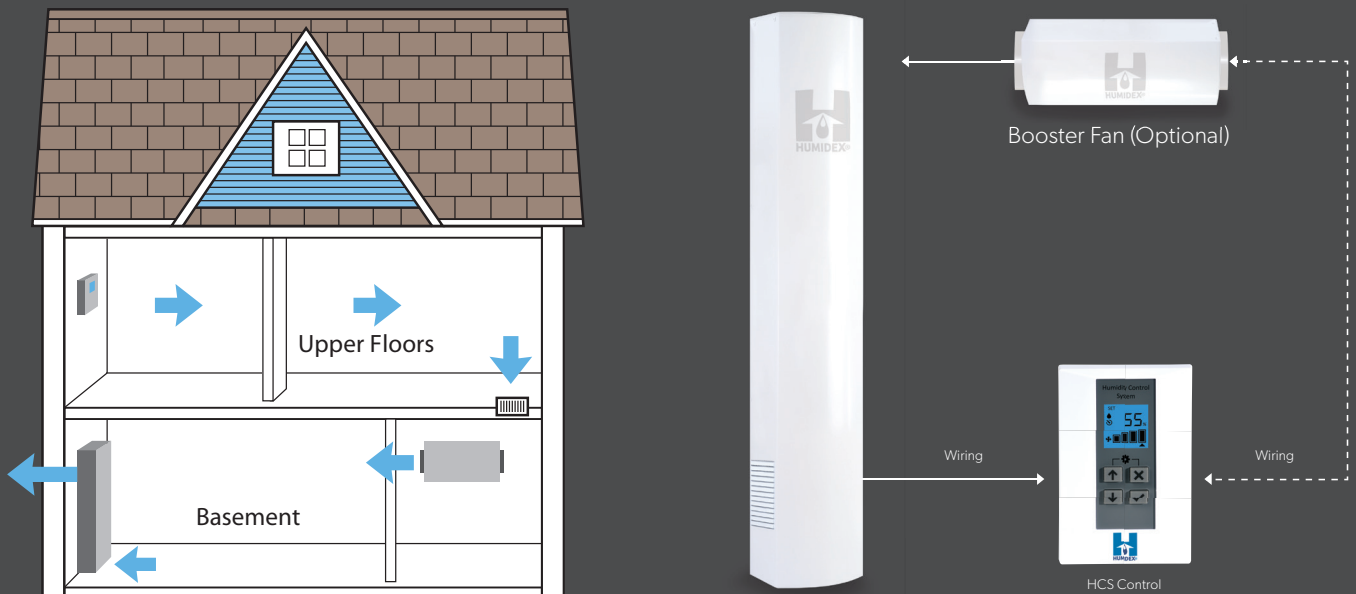
Humidity Control (HCS) Technical Information				
Model	Basement	Crawlspace	Apartment	Booster Fan*
Width	11.5"	11.5"	9.5"	11.5"
Height	Adjustable 86.5 - 96"	32"	23.5"	10.75"
Depth	8.5"	8.5"	5.5"	8.5"
Weight	24 lbs	12 lbs	6.5 lbs	6 lbs
Electrical	34W Max / 115 V @ 60 Hz	34W Max / 115 V @ 60 Hz	34W Max / 115 V @ 60 Hz	34W Max / 115 V @ 60 Hz
Air Flow	230 CFM	230 CFM	125 CFM	230 CFM
Capacity	Serves up to 2,400 sq. ft.	Serves up to 3,000 sq. ft.	Serves up to 2,000 sq. ft.	—

\* only for Basement and Crawlspace

<b>Warranty</b>	10 years on cabinet and mechanical	5 years electrical	2 years LCD control
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The Humidex HCS is built to the highest standards and it is backed by an exceptional 1-Year Performance Guarantee! Installation by a factory-authorized professional qualifies your system for this industry leading performance guarantee. Your satisfaction is assured by our highly responsive technical assistance and customer service teams.

## The science behind our system



ClairiTech has been innovating and producing advanced clean air technologies for over 25 years

**ClairiTech**  
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