

Hydrabreeze Air System

Studies have shown that as much as 50% of the air in your home comes up from your basement or crawlspace. This air is often higher in moisture content and carries with it various allergens and musty odors. When conditions linger above 60% relative humidity for extended periods of time, mold, mildew, and bacteria growth is stimulated.

The American Lung Association, American Medical Association, and the EPA recommend maintaining relative humidity levels in the 30% - 50% range. Ventilation and air conditioning alone cannot provide the protection offered by a high capacity dehumidifier like the Hydrabreeze Classic and Compact. Protecting your family and your biggest investment is worth the best.

Application-Specific Design

Hydrabreeze is available in two models, the Classic and Compact. The upright Hydrabreeze Classic model is powerful, efficient, and fully ductable. Great for basements or crawl spaces over 40" high. The Hydrabreeze Compact is 12" tall by 12" wide, and is ideal for crawl spaces and smaller basement spaces.

- **High Efficiency** – Exceeds Energy Star® efficiency requirements.
- **Large Capacity** – The large capacity Hydrabreeze Classic provides 110 pints per day of water removal at standard rating conditions, whereas the Compact model provides 70 pints per day of water removal.*
- **Scalable** – The Hydrabreeze Classic is perfect for larger scaled basements of up to up to 2500 square feet. The Compact model can accommodate medium-sized crawlspaces, up to 1800 square feet.
- **Low Temperature Operation** – Engineered for basements and the temperature and air flow issues that they present. When many conventional dehumidifiers have stopped removing water from the air, Hydrabreeze continues to protect your family and your home.
- **Superior Air Filtration** – MERV-8 (Compact) and MERV-11 (Classic) filtration is standard on Hydrabreeze, capturing particles (including mold spores) down to 1 micron in size. This superior level of air filtration also keeps Hydrabreeze working at peak efficiency for longer than other conventional dehumidifiers.
- **Auto Restart** – Hydrabreeze dehumidifiers will automatically restart at the original setting after a power outage.

*American Home Appliance Manufacturers (AHAM) standard testing conditions are 80°F and 60% RH.

Consequences of High Humidity

- The ground in a crawlspace or under the basement slab remains at a near constant temperature of 50-60°F year round. These cool surface temperatures create micro-environments where the relative humidity of the air approaches its saturation point (100%RH) and condensation (or sweating) can occur. The conditions that result support mold/microbial growth and cause musty odors.
- Crawlspaces and basements are a major source of air infiltration that permeates up into the living area, transmitting odors, carrying moisture, and creating an environment conducive to molds, pests, and dust mite infestation.
- Wet crawlspaces and basements contribute to the cupping of wood floors and the deterioration of floor joists, beams, sub-flooring, insulation, and electrical-mechanical systems.
- Excess moisture encourages mold growth on wood and on any other organic material in a crawlspace.



HYDRABREEZE® PERFORMANCE & TECHNICAL SPECS

Compact

Part Number	4033600
Blower	150 CFM @ 0.0" WG
Power	580 watts @ 80°F and 60% RH
Supply Voltage	115 volt – 1phase – 60 Hz
Current Draw	5.1 amps
Operating Temp.	49°F Min., 95°F Max
Sized for	1800 Sq. Ft. - Typical
Minimum Performance at 80°F and 60% RH	
Water Removal:	70 Pints/Day
Efficiency:	5.0 Pints/kWh
Energy Factor:	2.4 L/kWh
Air Filter	MERV-8
Efficiency:	Standard 35% Efficient ASHRAE Dust Spot Test
Size:	9" x 11" x 1"
Power Cord	9', 110-120 VAC, Ground
Drain Connection	3/4" Threaded NPT
Drain Hose	5/8" ID x 8'
Dimensions	Unit
Width	12"
Height:	12"
Length:	21"
Weight:	55 lbs

Classic

Part Number	4029700
Blower	275 CFM @ 0.0" WG
Power	700 watts @ 80°F and 60% RH
Supply Voltage	115 volt – 1 phase - 60 Hz
Current Draw	6.4 amps
Operating Temp.	56°F Min., 95°F Max
Sized for	2500 Sq. Ft. - Typical
Minimum Performance at 80°F and 60% RH	
Water Removal	110 Pints/Day
Efficiency	6.3 Pints/kWh
Energy Factor	3.0 L/kWh
Air Filter	MERV-11
Efficiency	Standard 65% Efficient ASHRAE Dust Spot Test
Size	16" x 20" x 2"
Power Cord	10', – 110-120 VAC, Ground
Drain Hose	9/16" ID x 8' Direct Gravity Drain Hose
Dimensions	Unit
Width	20"
Height:	36"
Length:	17"
Weight:	110 lbs



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