



Santa Fe HC

ULTRA EFFICIENT DEHUMIDIFIER

Ultra Efficient Humidity Control

For the ideal installation, draw air from the central part of the home and return it to isolated areas of the home like the bedrooms, den, utility room, or family room. The ductwork of the existing forced air system can be used to supply air to the home.

Off-the shelf appliance grade dehumidifiers rate their dehumidification capacities at 80°F, 60% relative humidity (RH). That is the number they put on the box. What they don't tell you is their performance drops significantly at the cooler temperatures typically found in basements and crawlspaces. That means you may have to purchase multiple off-the-shelf units to meet the performance of a single Santa Fe HC — not to mention the ongoing electrical cost of running multiple units.

The Santa Fe HC Ultra Efficient Dehumidifier Features:

Controlled by a dehumidistat with positive "ON" and "OFF" settings and a variable setting range from "20%" to "80%".

▶ Humidity control is automatic and accurate.

Low-temperature operation. Continues to remove humidity down to 55°F.

▶ Will not freeze-up in normal basement conditions.

115 VAC operation with factory installed six foot power cord which plugs into a standard 15 amp grounded outlet.

▶ The Santa Fe HC draws less than 12 amps.

Gravity flow water drain.

▶ No buckets to empty

Removes 135 pints of water per day at 80°F, 60% RH.

▶ Many times the water removal of other dehumidifiers.

Optional ductability.

▶ Promotes air distribution or allows remote location.

Low-profile design.

▶ Ideal for low clearance applications such as crawl spaces and attics.

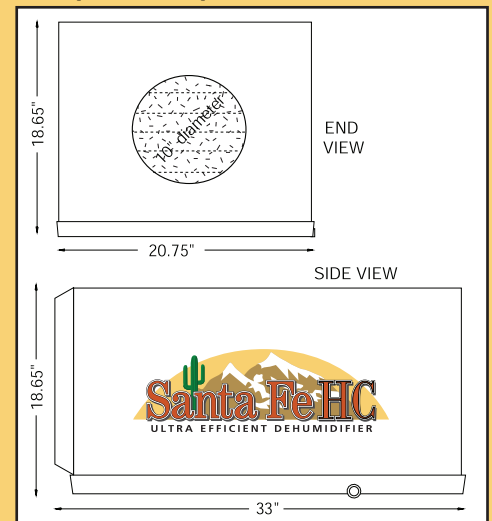
Santa Fe HC High Capacity and Performance*:

Capacity	135 Pints/Day (80°F, 60% RH)
Blower	355 CFM w/o Ducting 335 CFM @ .20 IWG 315 CFM @ .40 IWG
Refrigerant	1lb. 12oz., R22
Supply Voltage	110-120 volt - 60 Hz.
Amps	11.4
Operating Temp	55°F Min, 100°F Max
Filter Efficiency	MERV-11
Duct Connections	Round 10" Outlet Round 10" Inlet (optional)



Santa Fe HC (PN 4025081)

Compact Footprint



DIMENSIONS:
Width: 33 inches
Height: 18.65 inches
Depth: 20.75 inches

Do you have a damp, cold, musty basement or crawlspace?

When properly applied, the ultra-efficient Santa Fe HC dehumidifier cures your basement or crawlspace relative humidity problems.

- 135 pints per day capacity, AHAM test conditions (80°F, 60% RH). Over 60 pints per day in real-world conditions like those found in crawlspaces or basements.
- The most energy efficient dehumidifiers in the industry.
- Portable - plugs into a standard 15 amp, 110 volt outlet.
- Will continue to remove humidity down to 55°F. Will not freeze-up in normal basement conditions.

Benefits of owning a Santa Fe HC.

Relative humidity levels rising above 60% stimulate the growth of mold, mildew, bacteria and other biological allergens, which generates those “musty” odors. The lower relative humidity eliminates the growth of mold and those musty odors.

The Santa Fe HC will control the basement or crawlspace relative humidity. The Santa Fe HC is designed to operate down to 55°F and will continue to effectively remove humidity at that temperature.

The Santa Fe HC also adds a little heat to the basement air, so a cold, damp basement or crawlspace becomes a little warmer and a lot drier.

The reduced relative humidity creates a less hospitable climate for mold and many “bugs,” including dust mites, centipedes, silver-fish, and spiders. Your basement or crawlspace will have fewer “creepy critters.”

Using a dehumidifier to control humidity in your basement or crawlspace is the most cost-effective way to get usable space or eliminate humidity related problems.

The Crawlspace

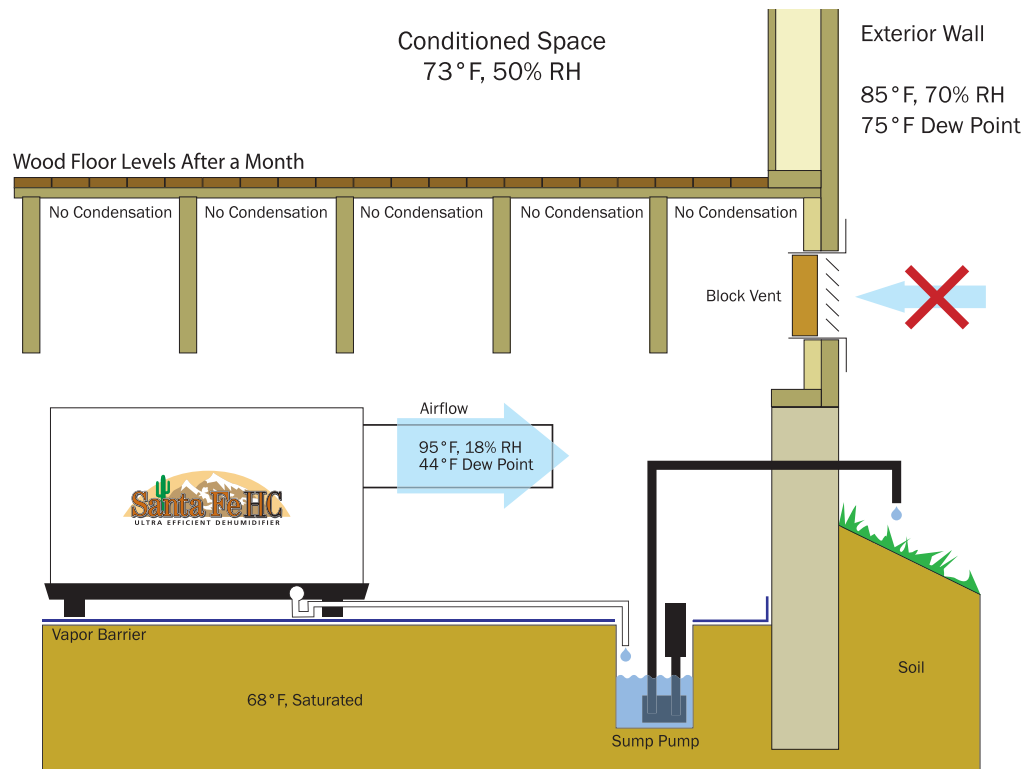
Ventilation of a crawlspace to control RH only works consistently in an arid climate. In most climates, ventilation can mean either over wetting or over drying.

Depending on the outside weather, as much as 375 pounds of water per day can infiltrate or be dried out of a crawlspace through ventilation.*

Proactive dehumidification of a sealed crawlspace is the only way to ensure desired humidity levels are present.

- Seal all outside vents to eliminate outside air, which also reduces heating/cooling loads and uncontrolled moisture intake.
- Install vapor barriers and/or insulation in the proper areas of the crawlspace, including the floor.
- Condition crawlspace air with a Santa Fe HC to provide exact humidity control regardless of outside conditions.

*November 2003 ASHRAE Journal, “Crawlspace Myths” Craig DeWitt, Ph.D., P.E.



Seal all the fresh air vents and place a vapor barrier on the earth. The Santa Fe HC system controls up to 3,750 square feet of crawlspace.

BPA
Air Quality Solutions

www.BreathePureAir.com | 1-877-688-2703

Call for More Information
1-877-688-2703

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