



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 Santa Fe Compact.™ Protecting your family and your biggest investment is worth the best.

## "Application-Specific" Design

The Santa Fe Compact was specifically designed for crawlspaces. At 12" tall and 12" wide, the Santa Fe Compact can fit where no other dehumidifier can. Innovative features such as integrated vertical or horizontal exhaust outlets offer flexibility even in exceptionally tight spaces, while the optional condensate pump, hang kit, and duct kits facilitate installation in the most challenging applications. No conventional dehumidifier can perform as efficiently and effectively in crawlspaces as the Santa Fe Compact.

- **High Efficiency** – Exceeds ENERGY STAR® efficiency requirements.
- **Large Capacity** – The high capacity Santa Fe Compact provides 70 pints per day of water removal at standard rating conditions\*. Medium-sized crawlspaces (up to 1800 sq. ft.) are no problem for the Santa Fe Compact.
- **Low Temperature Operation** – Engineered for crawlspaces, and the temperature and air flow issues that they present. When many conventional dehumidifiers have stopped removing water from the air, the Santa Fe Compact keeps on protecting you and your home.
- **Superior Air Filtration** – MERV-8 filtration is standard on the Santa Fe Compact. This superior level of air filtration also keeps the Santa Fe Compact working at peak efficiency for longer than other devices with cheaper designs.
- **Auto Restart** – Santa Fe dehumidifiers will automatically restart at the original setting after a power outage.
- **Optional Equipment** – The engineers at Therma-Stor designed remote ducting kits, hang kits, caster kits and condensate pumps for use with the Santa Fe Compact. These optional kits provide the ultimate in flexibility for your specific installation requirements.

\*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.

## Basement/Crawlspace Dehumidification

The cooler temperatures in crawlspaces and basements create unique humidity control challenges for homeowners.

Capacities for residential dehumidifiers are measured in pints of water removed per day at standard conditions (80°F and 60% RH) determined by the American Home Appliance Manufacturers (AHAM). At these conditions, the capacity of the Santa Fe Compact is 70 pints per day, while most standard residential units range from 20 to 65 pints of water removal per day. However, most basements and crawlspaces are cooler than 80°F and therefore the water removal capacity of the standard residential unit will be diminished significantly.

The Santa Fe Compact is necessary to ensure that enough moisture is removed at the real-world temperature of your crawlspace or basement to prevent mold, mildew and bacterial growth. The Santa Fe Compact is a dehumidifier designed for these cooler applications.

# Performance and Technical Specs

<b>Part Number:</b>	4033600
<b>Blower:</b>	150 CFM @ 0.0" WG
<b>Power:</b>	580 watts @ 80°F and 60% RH
<b>Supply Voltage:</b>	115 volt – 1phase – 60 Hz
<b>Current Draw:</b>	5.1 amps
<b>Operating Temp.:</b>	49°F Min., 95°F Max.
<b>Sized for:</b>	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
<b>Air Filter:</b>	MERV-8
Efficiency:	Standard 35% Efficient, ASHRAE Dust Spot Test
Size:	9" x 11" x 1"
<b>Power Cord:</b>	9', 110-120 VAC, Ground

**Drain Connection:** 3/4" Threaded NPT

**Drain Hose:** 5/8" ID x 8'

## Dimensions Unit Shipping

Width:	12"	15"
Height:	12"	17"
Length:	21"	25"
Weight:	55 lbs	65 lbs

"This is the first time in ten years that our basement is usable and comfortable. Being a woodworker, I don't have to worry about rust on my tools and equipment anymore. I recommend your product to anyone with a dampness problem."

— Tim

## Optional Accessories

4027168	Pre-Filter
4028524	Pre-Filter 12-Pack
4029748	MERV 8 Filter
4030421	MERV 8 Filter 4-Pack + 1 Pre-Filter
4030422	MERV 8 Filter 12-Pack
4030671	MERV 11 Filter
4027418	MERV 11 Filter 4-Pack + 1 Pre-Filter
4030733	MERV 11 Filter 12-Pack
4030113	Pump Kit
4028616	Caster Kit
4029908	Hang Kit
4030426	Duct Kit, Supply and Return
4030203	Supply Duct Kit
4030204	Return Duct Kit
4027415	8" Flex Duct
4020177	8" Insulated Flex Duct
4020175	Dehumidistat – Honeywell (120 volt)

"If you are thinking of buying this unit but not sure, I placed the compact in our crawlspace and it did the job. I tried other dehumidifiers from big box stores and they helped but did not solve the problem. I recommend this machine. Great unit."

— George

## Remote Hygrometer



4029577

Displays indoor and outdoor temperature, relative humidity, moon phases, time and date.

Wireless sensor with low temperature adaptor included.

## CRAWLSPACE ALERT™



4030280

Works remotely with your Santa Fe Dehumidifier to provide a warning light when humidity levels are too high in the crawlspace and will automatically turn off the dehumidifier if the overflow safety switch is tripped on the condensate pump.



One of the best Limited Warranties in the industry today –

2 YEARS – All Parts and Labor  
5 YEARS – Sealed Refrigeration System



**NAHB**  
NATIONAL ASSOCIATION  
OF HOME BUILDERS

