

# Santa Fe™ MAX DRY Dual XT



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 Max Dry Dual XT.™ Protecting your family and your biggest investment is worth the best.

## "Application-Specific" Design

The Santa Fe Max Dry Dual was specifically designed for large basements and crawlspaces. The high-capacity (391 cfm) blower on the unit circulates air more effectively in larger applications. The Santa Fe Max Dry Dual's horizontal configuration, dual outlet design, and insulated cabinet for quieter operation enable its exceptional performance in all larger basement and crawlspace applications. Levelling feet come standard on the Santa Fe Max Dry Dual to help ensure proper operation. Optional condensate pump and ducting kits provide the installation flexibility necessary for the most challenging applications.

- **High Efficiency** – The **MOST** energy-efficient large capacity residential dehumidifier on the market.
- **Large Capacity** – The high capacity provides 155 pints per day of water removal at standard rating conditions\*. Large-sized basements and crawlspaces (up to 3600 sq. ft.) are no problem for the Max Dry Dual.
- **Low Temperature Operation** – Engineered for the temperature and air flow issues that surface in crawlspaces and basements. When many conventional dehumidifiers have stopped removing water, the Max Dry Dual continues to protect your family and your home.
- **Superior Air Filtration** – MERV-11 filtration is standard, capturing particles (including mold spores) down to 1 micron in size. This superior level of air filtration keeps the Max Dry Dual working at peak efficiency while cleaning the air.
- **Auto Restart** – Santa Fe dehumidifiers will automatically restart at the original setting after a power outage.
- **Optional Equipment** – Ducting kits and condensate pumps are available for use with the Max Dry Dual. 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.

## Large Capacity Dehumidification with Dual Air Distribution

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 Max Dry Dual is 155 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.

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

# Performance and Technical Specs

<b>Part Number:</b>	4031470
<b>Blower:</b>	391 CFM @ 0.0" WG
<b>Power:</b>	920 watts @ 80°F and 60% RH
<b>Supply Voltage:</b>	115 volt – 1phase – 60 Hz
<b>Current Draw:</b>	8.0 amps
<b>Operating Temp.:</b>	56°F Min., 95°F Max.
<b>Sized for:</b>	3600 Sq. Ft. - Typical



## Minimum Performance at 80°F and 60% RH

Water Removal:	155 Pints/Day	
Efficiency:	7.3 Pints/kWh	
Energy Factor:	3.5 L/kWh	
<b>Air Filter:</b>	MERV-11	
Size:	16" x 20" x 2"	
<b>Power Cord:</b>	10', 110-120 VAC, Ground	
<b>Drain Connection:</b>	3/4" Threaded NPT	
<b>Drain Hose:</b>	5/8" ID x 8' Direct Gravity Drain Hose	
<b>Dimensions</b>	<b>Unit</b>	<b>Shipping</b>
Width:	20.25"	24"
Height:	21.75"	28.25"
Length:	38"	42"
Weight:	140 lbs	160 lbs

"The Max Dry Dual XT dehumidifier started drying the basement air immediately. It truly works like a charm. It is a beast when it comes to dehumidifying the air in a large damp basement. I would recommend the Santa Fe Max Dry Dual XT Dehumidifier to anyone who has a humidity problem and a very large basement. It is a great product."

— Jack

## Optional Accessories

4021475	MERV 11 Filter (16x20x2)
4027420	MERV 11 Filter 4-Pack
4027424	MERV 11 Filter 12-Pack
4028614	Pump Kit
4028616	Caster Kit
4028607	Supply Duct Kit (includes two 10" collars)
4026969	10" Flex Duct
4022126	10" Insulated Flex Duct
4028610	Return Duct Kit (includes one 12" collar)
4024750	12" Flex Duct
4028366	12" Insulated Flex Duct
4020175	Dehumidistat – Honeywell (120 volt)

"The Santa Fe does everything they say. My furnace is installed in my crawlspace and was causing very heavy condensation. The insulation, floor joist and floor were dripping with condensation. I laid 20 Mil down before the Santa Fe arrived, and after the dehumidifier was installed, within three days everything was dried out."

— James

### 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

