



4030440



High moisture levels in your home result in physical discomfort, increased air conditioning costs, and potentially serious health issues associated with high humidity. In addition, damage to your home and your home's furnishings can result. Maintaining relative humidity below 50% prevents dust mite infestations, mold and mildew growth, and inhibits the growth of bacteria. Lower relative humidity also reduces the off-gassing of volatile organic compounds—creating a healthier environment in which to live and breathe for you and your family.

## "Application-Specific" Design

The Santa Fe Rx was specifically designed for conditioned living spaces that require enhanced air filtration, quiet operation, and automatic condensate removal. Add-on filter options include carbon granules, and HEPA filtration. The internal condensate pump allows the unit to be located virtually anywhere. Heavy duty cabinet design and enhanced insulation ensure quiet and dependable performance.

- **Energy Star Listed** – The Santa Fe Rx only requires 5.4 amps to operate, resulting in lower operating costs – in many cases saving hundreds of dollars per year in electricity.
- **Superior Air Filtration** – MERV-11 filtration is standard on the Santa Fe Rx, capturing particles (including mold spores) down to 1 micron in size. This level of air filtration also keeps the Santa Fe Rx working at peak efficiency longer than most conventional dehumidifiers. If increased filtration is desired, an optional secondary filter housing is offered that can provide HEPA-level filtration. Better, cleaner air for better living.
- **High Efficiency** – The high efficiency Santa Fe Rx produces over 5.2 pints per kilowatt-hour, far better than most conventional dehumidifiers.
- **Internal Condensate Pump** – The Santa Fe Rx was engineered for trouble-free, bucket-free operation.
- **Large Capacity** – The large capacity Santa Fe Rx provides up to 74 pints per day water removal at standard rating conditions\*. Large-sized spaces (up to 1800 sq. ft.) are no problem for the Santa Fe Rx.
- **Quiet Operation** - The engineers at Therma-Stor designed the cabinet of the Santa Fe Rx for long-life and quiet performance. Enhanced insulation and air flow design make this dehumidifier a superior performer.
- **Intended Use** - The Santa Fe Rx is designed for use in conditioned spaces that will typically stay at or above 70°.

## Eliminating Allergens

Dust mites and mold are the two most common allergens present in higher humidity environments. These allergens do not require liquid water to thrive – they only require environmental humidity levels from 65% to 99% to thrive. Dust mites are most commonly found in upholstered furniture, carpets, and mattresses.

Mold only requires high humidity and an organic-based material on which to feed. It is no surprise that they are plentiful in humid environments. Cooler surfaces create a perfect breeding area for mold because the relative humidity at the surface will be near 100%. The surface may even be wet with condensation.

Keeping your relative humidity at 50% or less helps control allergens such as mold, mildew and dust mites.

## Santa Fe Rx Filtration

Standard air filtration is provided by a pleated polyester and cotton blend media filter located at the air intake at the top of the unit. The efficiency rating of this filter is 65% in the ASHRAE 52-76 Dust Spot Test and MERV-11 in the ASHRAE Dust Spot Test.

The optional HEPA filter is a micro-glass paper mini-pleat filter located in a special housing mounted on the back of the Santa Fe Rx cabinet. The efficiency rating of this filter is 99.97% on the D.O.P. Test.

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

# Performance and Technical Specs

<b>Part Number:</b>	4030440
<b>Blower:</b>	230 CFM @ 0.0" WG
<b>Power:</b>	630 Watts @ 80°F and 60% RH
<b>Supply Voltage:</b>	115 volt – 1 phase – 60 Hz
<b>Current Draw:</b>	5.4 Amps
<b>Energy Factor:</b>	2.45 L/kWh
<b>Operating Temp.:</b>	60°F Min., 95°F Max. (70°F recommended)
<b>Sized for:</b>	2200 Sq. Ft. - Typical
<b>Minimum Performance at 80°F and 60% RH</b>	
Water Removal:	74 Pints/Day
Efficiency:	5.2 Pints/kWh
<b>Air Filter:</b>	MERV-11
Efficiency	Standard 65% Efficient, ASHRAE Dust Spot Test
Size:	16" x 20" x 2"
<b>Power Cord:</b>	8' – 110-120 VAC, Ground
<b>Drain Hose:</b>	3/16" ID x 20' of drain hose with 15' lift capacity; Internal Pump Included



"I had an unhealthy level of humidity in my condo. The central air conditioning was not removing enough moisture. Once I got the Santa Fe Rx the humidity level dropped from 70% to the 40% throughout the condo. I also purchased the optional filter frame and HEPA grade filter. My health and comfort are much improved. I love the freedom of not having to empty the reservoir — the built in condensate pump is great."

— Mrs. McCarter, Millbrook, NY

## Optional Accessories

4021475	MERV 11 Filter
4027420	MERV 11 4-Pack
4027424	MERV 11 12-Pack
4023869	Filter Housing
4022489	Filter MERV 14 (needs filter housing)*
4024145	Filter HEPA (needs filter housing)
4024528	Bulk Carbon Granules (5 gallon bucket)

\*Requires two filters

## Santa Fe Rx Dimensions

	Dimensions	Dimensions with Secondary Filter Housing	Shipping
Width:	23"	23"	26"
Height:	37.5"	37.5"	47"
Length:	20"	24.625"	24"
Weight:	130 lbs		159 lbs.

Small hardware store units ran constantly and still couldn't do the job. Mold was growing in the bath/laundry/bedroom areas and the boys couldn't sleep in the stuffy dampness of this semi-raised basement. This did the job! Big improvement right away.

— Grandmother from Wisconsin



4029577

## Remote Hygrometer

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

Wireless sensor with low temperature adaptor included.



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