

mildew? dust mites? structural damage?  
basement/crawlspace mold or odors?

# Powerful, High-Capacity, Dual-Outlet Dehumidification for Large Basements and Crawlspace.



Studies have shown that as much as 50% of the air in your home comes 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 level in the 30% - 50% range. Ventilation and air conditioning alone cannot provide the protection offered by a premium dehumidifier like the Santa Fe™ Max Dry Dual XT. Protecting your family — your biggest investment — is worth the best.

## “APPLICATION-SPECIFIC” DESIGN

The Max Dry was specifically designed for large basements and crawlspaces. The high-capacity (415 cfm) blower on the Max Dry circulates air more effectively in larger applications. The Max Dry’s horizontal configuration and dual outlet design performs exceptionally well in basements and crawlspaces. Optional condensate pump and ducting kits provide the installation flexibility necessary for the most challenging applications.

- **High Efficiency** – The high efficiency Max Dry produces over 7.9 pints per kilowatt/hour, far better than any mass merchant dehumidifier. 
- **Large Capacity** – The high capacity Max Dry provides up to 150 pints per day water removal at standard rating conditions\*. Large-sized basements and crawlspaces (up to 3600 sq. ft.) are no problem for the Max Dry.
- **Low Temperature Operation** – The Max Dry was engineered for the temperature and air flow issues that surface in crawlspaces and basements. When many mass-merchant dehumidifiers have stopped removing water, the Max Dry continues to protect your family and your home.
- **Superior Air Filtration** – MERV-6 filtration is standard on the Max Dry. Optional MERV 11 filtration is available to capture particles (including mold spores) down to 1 micron in size. This superior level of air filtration keeps the Max Dry working at peak efficiency while cleaning the air.
- **Optional Equipment** – Ducting kits and condensate pumps are available for use with the Max Dry. These optional kits provide the ultimate in flexibility for your specific installation requirements.

\*AHAM standard testing conditions are 80°F and 60% RH.

# MAX DRY Dual XT

# Dual Air Distribution



Dehumidification for basements...



...and crawlspaces.

## LARGE CAPACITY DEHUMIDIFICATION WITH DUAL AIR DISTRIBUTION

Because basement and crawlspace floors and walls are in contact with the soil, and soil temperatures several feet below the surface remain at a constant temperature of 50°F– 60°F. Basement and crawlspace floors and walls tend to remain cool. Since cool air holds less moisture than warm air, basements and crawlspaces will have higher relative humidity.

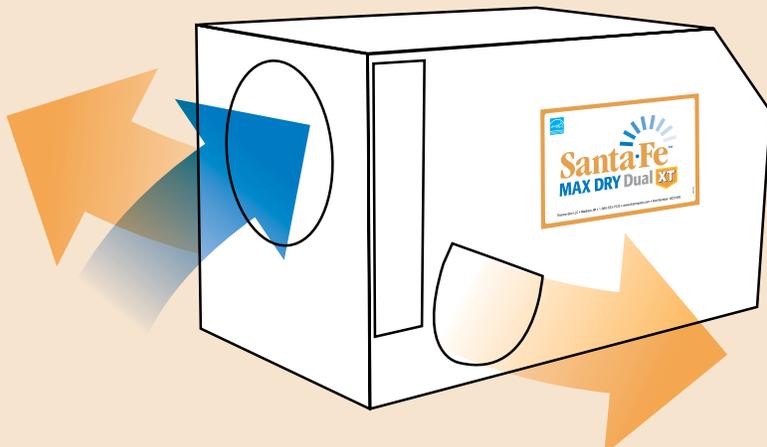
Typically, the larger the cubic area, and the more humid the environment, the more capacity that will be necessary to dry out the area. Capacity is usually measured in the number of pints of water that a dehumidifier can remove from the air at a given temperature and relative humidity over a given period of time.

Capacities for residential dehumidifiers are measured in pints of water removed per day at standard conditions. Standard conditions are determined by the American Home Appliance Manufacturers (AHAM) and are used because capacity will vary under different conditions. AHAM standard rating conditions are 80°F and 60% RH. The Max Dry Dual XT is rated at 150 pints per day. 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.

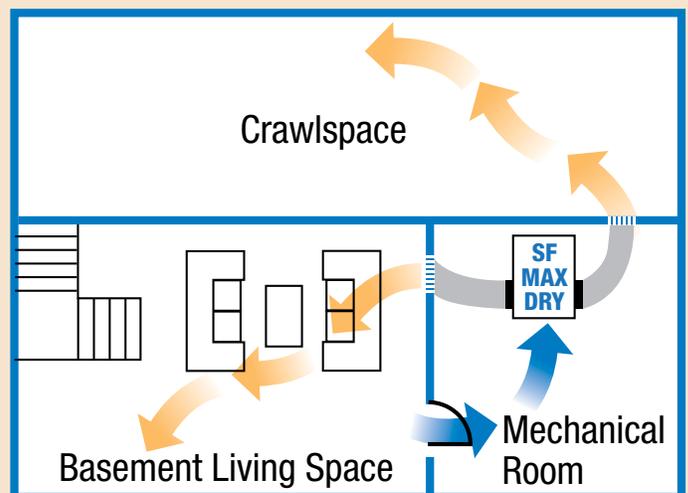
**A large capacity dehumidifier is necessary to ensure that enough moisture is removed at the real-world temperature of your basement or crawlspace to prevent mold, mildew and bacterial growth. The Santa Fe Max Dry Dual XT is a large-capacity, energy efficient dehumidifier designed for these cooler applications.**

## installation examples

An example of the Santa Fe Max Dry Dual XT ducted into both a basement and a crawlspace.



A free-standing Santa Fe Max Dry Dual XT. Simply route hose to a drain and plug in.



# Performance and Technical Specs

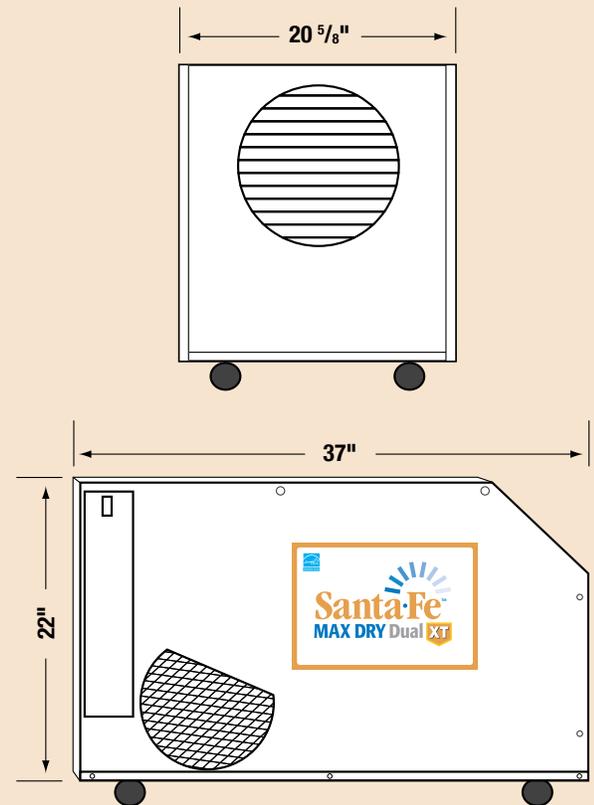
<b>Part Number:</b>	4027450
<b>Blower:</b>	415CFM @ 0.0" WG 390 CFM @ 0.2" WG 365 CFM @ 0.4" WG
<b>Power:</b>	850 Watts @ 80°F and 60% RH
<b>Supply Voltage:</b>	115 volt – 1phase – 60 Hz
<b>Current Draw:</b>	6.9 AMPS
<b>Energy Factor:</b>	3.74 L/kWh
<b>Operating Temp.:</b>	45°F Min., 95°F Max.
<b>Sized for:</b>	3600 Sq. Ft. - Typical
<b>Minimum Performance at 80°F and 60% RH</b>	
Water Removal:	150 Pints/Day
Efficiency:	7.9 Pints/kWh
<b>Air Filter:</b>	MERV-6 (Optional MERV-11)
Size:	16" x 20" x 2'
<b>Power Cord:</b>	10', 110-120 VAC, Ground
<b>Drain Connection:</b>	3/4" Threaded MPT



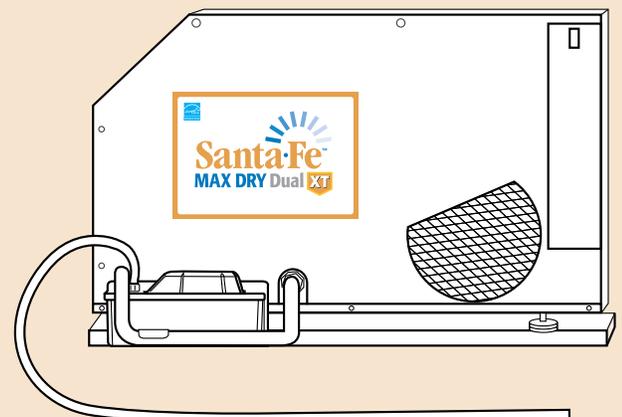
Dimensions	Unit	Shipping
Width:	37"	42"
Height:	22"	28 1/4"
Depth:	20 5/8"	24"
Weight:	134 lbs	164 lbs

## OPTIONAL ACCESSORIES

4024969	Filter MERV 6 (16x20x2)
4028612	4 Pack
4028613	12 Pack
4021468	Pre-Filter
4028522	12 Pack
4021475	Filter MERV 11 (16x20x2)
4027417	4 Pack + 1 Pre-Filter
4027424	12 Pack
4028614	Pump Kit
4028616	Caster Kit
4028607	Supply Duct Kit
4026969	10" Flex Duct
4022126	10" Flex Duct (Insulated)
4027441	Register Head 10"
4028649	10" Register Grill (White)
4028610	Return Duct Kit
4024750	12" Flex Duct
4028366	12" Flex Duct (Insulated)
4028646	Register Head 12"
4028772	14" Register Grill (White)
4020175	Dehumidistat



**Santa Fe Max Dry Dual XT  
with optional condensate pump.**



# Do you know the relative humidity levels in your home?



4026208

The Humidity Alert™ was designed by Therma-Stor to discriminate between occasional periods of high humidity and the prolonged periods that create a risk of unhealthy biological activity. It's a simple, inexpensive device that monitors temperature and relative humidity conditions and records data that is known to contribute to wood rot, mold growth, musty odors and increased pest activity.

## EASY TO USE:

1. Place the meter in the desired space.
2. Collect the necessary humidity data.
3. Adjust your Santa Fe™ dehumidifier to a desired humidity setting.

# humidity alert™