

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

Powerful, High-Capacity, Dual-Air Dehumidification for Large Crawlspaces and Basements



4027450

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.

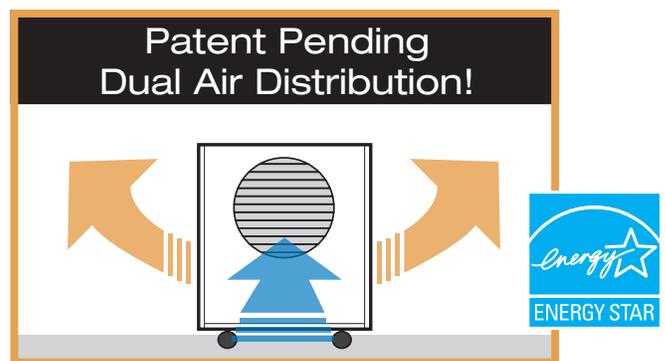
The American Lung Association, American Medical Association, and the EPA recommend maintaining relative humidity level in the 30% - 50% range. Ventilation and air conditioning alone cannot provide the protection offered by a premium dehumidifier like the Santa Fe Max Dry Dual XT.™ Protecting your family, and your biggest investment, is worth the best.

“APPLICATION-SPECIFIC” DESIGN

The Santa Fe Max Dry Dual XT was specifically designed for large crawlspaces. The high-capacity (415 cfm) blower on the Max Dry moves air in a way that no small mass-merchant unit can. The Max Dry's horizontal configuration and flow-through design perform exceptionally well in crawlspaces. The optional condensate pump and ducting kits provide the installation flexibility necessary for the most challenging applications.

- **High Efficiency** – The high efficiency Santa Fe Max Dry Dual XT produces over 7.9 pints per kilowatt/hour, far better than most mass merchant dehumidifiers.

- **Large Capacity** – The high capacity Santa Fe Max Dry Dual XT provides up to 150 pints per day water removal at standard rating conditions*. Large-sized crawlspaces (up to 3600 sq. ft.) are no problem for the Santa Fe Max Dry Dual XT.
- **Low Temperature Operation** – The Max Dry was engineered for crawlspaces and basements — and the temperature and air flow issues that they present. When many mass-merchant dehumidifiers have stopped removing water, the Santa Fe Max Dry Dual XT continues to protect your family and your home.
- **Superior Air Filtration** – MERV-6 filtration is standard on the Santa Fe Max Dry Dual XT, capturing particles (including mold spores) down to 1 micron in size. This superior level of



air filtration also keeps the Santa Fe Max Dry Dual XT working at peak efficiency for longer than other devices with cheaper designs.

- **Optional Equipment** - Ducting kits and condensate pumps are available for use with the Santa Fe Max Dry Dual XT. 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

DUAL AIR, LARGE CAPACITY DEHUMIDIFICATION

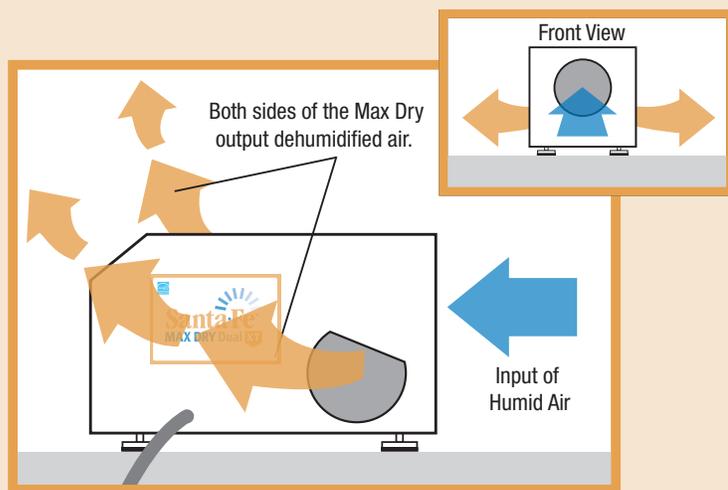
Because basement and crawlspace floors and walls are in contact with the soil, and soil temperatures several feet below the surface remain at a constant temperature of 50°F–60°F. Basement and crawlspace floors and walls tend to remain cool. Since basements and crawlspaces tend to be cool, and cool air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

Typically, the closer to ground level, the larger the area, and the damper 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 over a given period of time.

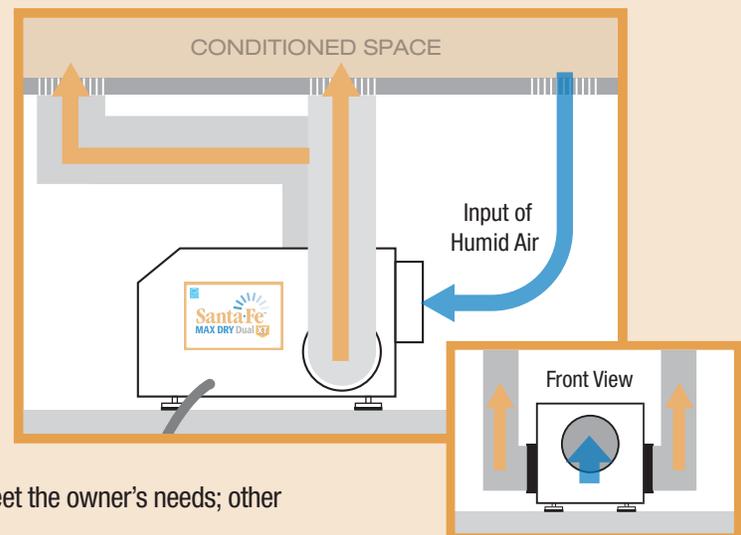
Capacities for residential dehumidifiers are measured in pints of water removed per day at standard conditions. Standard conditions are determined by the American Home Appliance Manufacturers (AHAM) and are used because capacity will vary under different conditions. AHAM standard rating conditions are 80°F and 60% RH. The cap is 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 dehumidifier designed for these cooler applications.

installation examples



ducted into living space



The Santa Fe Max Dry Dual XT can be installed in a variety of locations to meet the owner's needs; other considerations include:

1. Providing access to a 115 VAC power outlet (10' power cord is provided).
2. Locating near a floor or other suitable drain (8' drain hose included). Mount 4" above drain.

Performance and Technical Specs

Part Number:	4027450
Blower:	415CFM @ 0.0" WG 390 CFM @ 0.2" WG 365 CFM @ 0.4" WG
Power:	850 Watts @ 80°F and 60% RH
Supply Voltage:	115 volt – 1phase – 60 Hz
Current Draw:	6.9 AMPS
Energy Factor:	3.74 L/kWh
Operating Temp.:	45°F Min., 95°F Max.
Sized for:	3600 Sq. Ft. - Typical



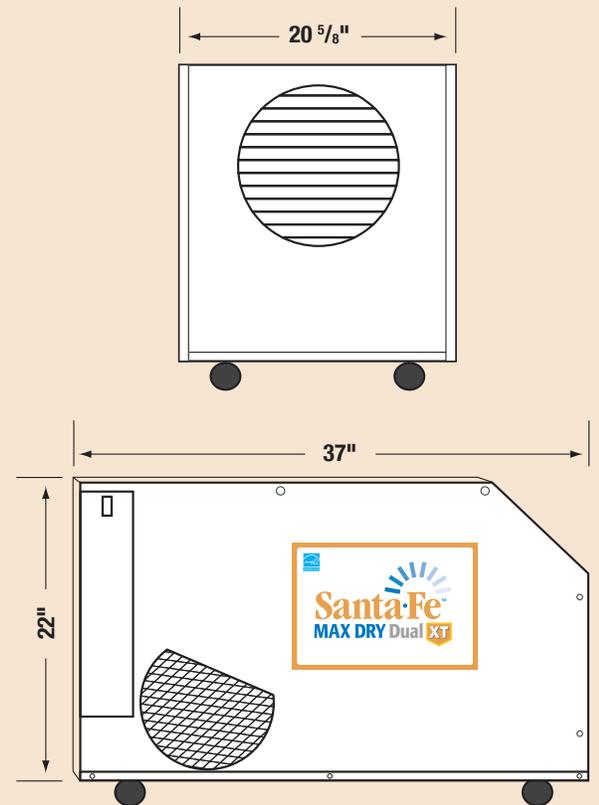
Minimum Performance at 80°F and 60% RH

Water Removal:	150 Pints/Day
Efficiency:	7.9 Pints/kWh
Air Filter:	MERV-6
Size:	16" x 20" x 2'
Power Cord:	10', 110-120 VAC, Ground
Drain Connection:	3/4" Threaded MPT

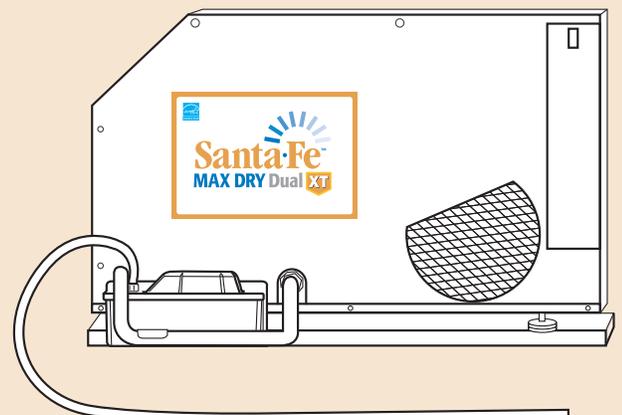
Dimensions	Unit	Shipping
Width:	37"	42"
Height:	22"	28 1/4"
Depth:	20 5/8"	24"
Weight:	134 lbs	164 lbs

OPTIONAL ACCESSORIES

4024969	Filter MERV 6 (16x20x2)
4028612	4 Pack
4028613	12 Pack (single retail \$7.99)
4021468	Pre-Filter
4028522	12 Pack (single retail \$9.99)
4021475	Filter MERV 11 (16x20x2)
4027417	4 Pack + 1 Pre-Filter
4027424	12 Pack (single retail \$9.99)
4028614	Pump Kit
4028616	Caster Kit
4028607	Supply Duct Kit
4026969	10" Flex Duct
4022126	10" Flex Duct (Insulated)
4028610	Return Duct Kit
4024750	12" Flex Duct
4028366	12" Flex Duct (Insulated)
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™