



SANTA FE OASIS™ 105



ECCO
TECHNOLOGY

*Optional duct kits available for whole house HVAC applications

Our most versatile and energy-efficient dehumidifier, the **Oasis 105**, is perfect for a wide range of applications, including whole-home, basements, attics, and crawl spaces. It features onboard digital controls, variable speed fan, dew point cut out, and a low maintenance positive pressure condensate drain.

MODEL 4041850

PERFORMANCE

Water Removal	@ 80°F & 60%RH	@ 73°F & 60%RH	@ 65°F & 60%RH
	105 Pints/13.125 Gal	82 Pints/10.25 Gal	69 Pints/8.625 Gal
Efficiency	7.6 Pints/kWh	6.5 Pints/kWh	6.1 Pints/kWh
Energy Factor	3.55 L/kWh	3.08 L/kWh	2.89 L/kWh
Adjustable Blower	280 CFM up to 1" WG		
Filtration	MERV-13		
Average Sound Level	45 dBA		
Operating Temperature	49°F Min., 115°F Max.		
Operating Environment	Up to 150°F		
Crawl Space Sizing	Up to 3,300 Sq. Ft. / 16,500 Cu. Ft.		
Basement Sizing	Up to 2,600 Sq. Ft. / 26,000 Cu. Ft.		
Whole House	Up to 2,600 Sq. Ft. / 26,000 Cu. Ft.		

ELECTRICAL

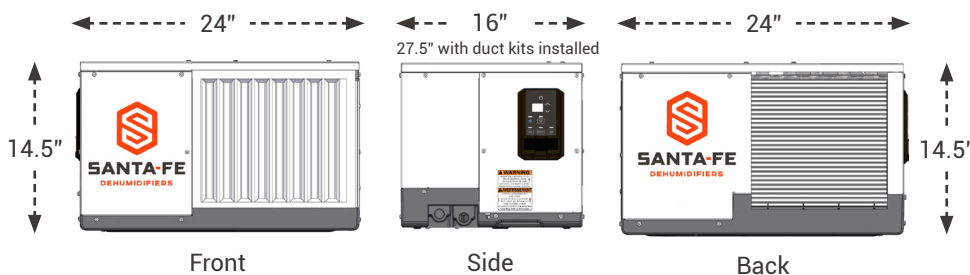
Power	540 watts @ 80°F and 60%	Plug Type B (USA, MEX, CAN, JPN)
Supply Voltage	115 volt – 1 phase – 60 Hz	
Supply Power for External Control	10VA	
Current Draw	5.0 amps	
Power Cord	9', 115 VAC, Ground	

SPECIFICATIONS

Drain Connection	3/4" Threaded Female NPT
Drain Hose	8' Direct Gravity Drain Hose (5/8" ID x 7/8" OD)
Refrigerant	R410A, 1 lb. 7 oz.
Unit Dimensions	24"W x 14.5"H x 16"D 24"W x 14.5"H x 27"D w/ optional duct kit
Unit Weight	59 lbs.

SHIPPING

Shipping Dimensions	26.5"W x 18.75"H x 18.6"D
Shipping Weight	75 lbs.
Pallet Quantity	6 per pallet
UPC Number	859029004946
Shipping Options	UPS and LTL



Specifications are subject to change without notice. Water removal is based on pints / gallons per day. Crawl space sizing based on 5 foot ceiling height. Basement and whole house sizing are based on 10 foot ceiling height.

FEATURES

- + On-board digital controls
- + Horizontal cabinet is conveniently sized for installation in crawl spaces, basements and ducted HVAC whole house applications
- + Engineered for low temperature operation and the air flow issues that crawl spaces present
- + Ducting options for better air flow and humidity control throughout the space
- + Auto restart allows the dehumidifier to automatically restart after a power outage
- + Variable-speed fan:
 - LOW speed for ultra-quiet operation
 - HIGH speed for ducted applications
 - AUTO speed is the most energy efficient
 - HIGH OVERRIDE for high static ducted applications
- + Dew point cut-out protects from low temperature inefficient operation
- + Patented Efficiency Capacity Coil Optimization (ECCO™) technology featuring corrosion resistant double coated coils
- + Positive pressure drain that does not require a P-Trap, resulting in less maintenance
- + Integrated secondary drain pan with dedicated float switch port
- + Molded base with integrated handles for easy movement and installation



SANTA-FE™
INDOOR AIR QUALITY SOLUTIONS



BUILT TO LAST. POWERED TO PROTECT.



Dehumidification For The Entire Home For Comfort, Health And Property Protection

According to experts, controlling humidity inside the home is essential for whole home comfort, reducing health risks, and protecting the structure of the home and its contents. This includes basements, crawl spaces and attics, where excess moisture is a common problem. While the air conditioning in your home will remove moisture from the air in the living space, it only does so when it is running for a significant amount of time, and never to a set relative humidity. Newer systems offer dehumidification but in reality they are only overcooling to try to remove more moisture. It is also important to remember that up to 50 percent of the air in your home comes from the basement or crawl space.

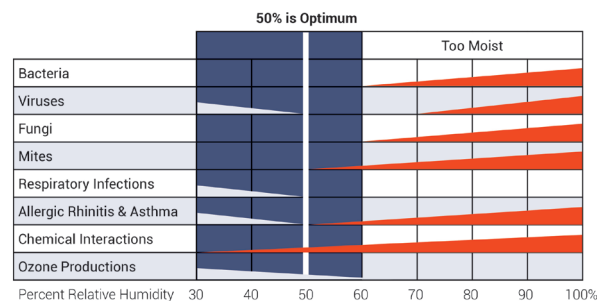
Relative humidity levels under, in and above the home can rise dramatically when outside temperatures are moderate, and the air conditioner is not running. Santa Fe Dehumidifiers are the solution to protecting your home and healthy, comfortable living.

Comfort

Addressing comfort in the home is very important to your family's quality of life. High humidity can cause us to feel either hot and sticky or cold and clammy, while also contributing to musty odors in the home.

Health

According to the *Environmental Protection Agency*, health problems associated with poor indoor air quality include eye irritation, allergies, headaches and respiratory problems such as asthma. The chart below shows that 50 percent is the optimum relative humidity level during the humid times of the year when it comes to protecting your health.



Property Protection

Maintaining humidity levels below 60 percent is one of the most important steps in protecting a home and its contents. Excess moisture in the home can cause musty odors and be detrimental to wood floors, furniture, artwork, electronics, and even the home's overall structure. If you store anything of value in your crawl space or basement, or have a finished basement, keeping the moisture levels low is important.

The Solution

The Santa Fe Oasis105 provides dedicated dehumidification, superior MERV 13 filtration, and optional mechanical outdoor air ventilation to create an indoor environment that is healthy, comfortable, and protected. Manufactured in Madison, WI, these commercial-grade units are energy-efficient and backed by an industry-leading 6-year warranty.