

# ▶ SANTA FE ULTRA V100



The **Ultra V100** is a high-performance ventilating dehumidifier with vertical or horizontal airflow discharge. The unit provides high-efficiency water removal and features an 8" ventilation duct to increase outdoor air intake to help meet ASHRAE 62.2 requirements.

## MODEL 4047100

### PERFORMANCE

	@ 80°F and 60%RH	@ 73°F and 60%RH
Water Removal	100 Pints / 12.6 Gallons	82 Pints / 10.25 Gallons
Efficiency	6.4 Pints/kWh	5.55 Pints/kWh
Energy Factor	3.0 L/kWh	2.63 L/kWh
CFM	Blower	Ventilation
	385 @ 0.0" WC	150 @ 0.0" WC
	350 @ 0.2" WC	135 @ 0.2" WC
	305 @ 0.4" WC	120 @ 0.4" WC
	260 @ 0.6" WC	100 @ 0.6" WC
Fan	107 Watts	
Operating Temperature	34°F Min., 105°F Max.	
Sizing	Up to 2,300 Sq. Ft. / 23,000 Cu. Ft.	

### ELECTRICAL

Power	620 Watts @ 73°F and 60% RH
Supply Voltage	115 Volt – 1 Phase – 60 Hz
Current Draw	8.0 Amps @ 104°F and 36%RH
Power Cord	10', 115 VAC, Ground
Circuit Requirement	15 Amp Dedicated

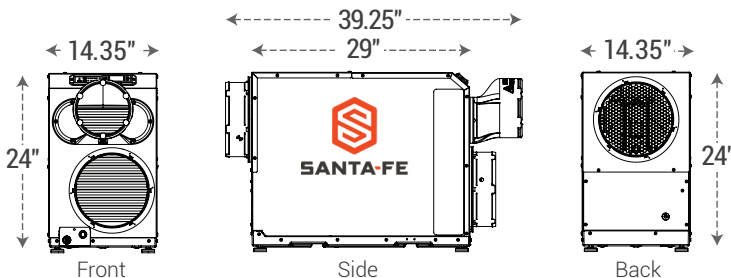


### SPECIFICATIONS

Duct Connections	8" Round Inlet, 10" Round Inlet, 10" Round Outlet
Drain Connection	3/4" Threaded Female NPT
Refrigerant	R454B, 34 oz.
Unit Dimensions	14.35"W x 24"H x 39.25"D
Unit Weight	101 lbs.

### SHIPPING

Shipping Dimensions	19.75"W x 28.25"H x 44.2"D
Shipping Weight	113 lbs.
Pallet Quantity	2 Per Pallet
UPC Number	00810017961917
Shipping Options	UPS, LTL, FTL



Specifications are subject to change without notice. Performance is based on pints / gallons per day. Sizing is based on 10 foot ceiling height. Unit dimensions and weight are with collars on.

### FEATURES

- + High capacity water removal
- + Onboard digital control
- + Engineered for low temperature operation
- + Terminal block control with 24V AC on-board power
- + Dew point cut-out
- + R2 cabinet insulation allows for quieter operation and reduces the risk of condensation forming on the exterior of the unit.
- + Use of DEH 3000/R digital control for outdoor air ventilation and humidity control
- + Use of SmartAir™ Remote Sensor for humidity control and SmartAir™ Power Damper for ventilation control
- + Superior MERV-13 filtration to improve indoor air quality
- + 8 inch ducting option for fresh outdoor air ventilation
- + Secondary drain port for float switch
- + Built-in handles for easy transport



**SANTA-FE™**  
INDOOR AIR QUALITY SOLUTIONS



**SANTA-FE™**  
**6-YEAR TOTAL PEACE OF MIND WARRANTY**  
5-YEAR FULL REPLACEMENT + 1-YEAR PARTS



ENGINEERED & ASSEMBLED  
MADISON, WI

**BUILT TO LAST. POWERED TO PROTECT.**



## Whole House Dehumidification 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. While the air conditioning in your home will remove moisture from the air, 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.

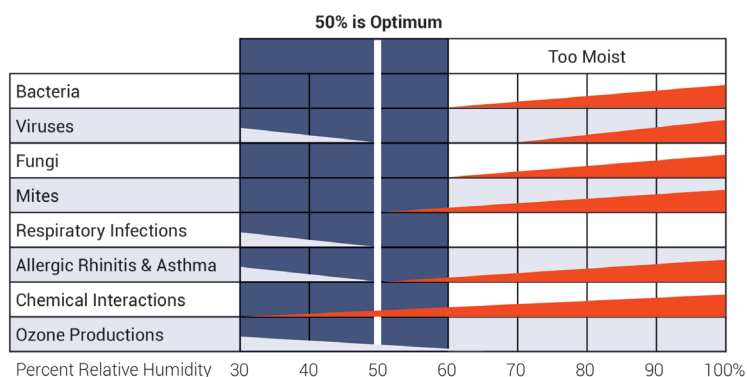
Indoor humidity levels can rise dramatically when outside temperatures are moderate, and the air conditioner is not running. The Santa Fe Ultra Series Whole House Ventilating Dehumidifiers are the solution to healthy, comfortable living.

### 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.

## The Solution

The Santa Fe Ultra Series Whole House Ventilating Dehumidifiers provide dedicated dehumidification, optional mechanical outdoor air ventilation, and superior MERV 13 filtration 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.