



ULTRA-AIRE™

BY SANTA-FE




THE **ULTRA AIRE SD12** TRANSFORMS HOW HUMIDITY ISSUES ARE SOLVED IN HOT CLIMATES. A SPLIT VENTILATING DEHUMIDIFIER, THE SD12 IS DESIGNED SPECIFICALLY FOR APPLICATIONS THAT NEED ADDITIONAL 1ST STAGE COOLING.

MODEL 4033170

PERFORMANCE

Water Removal	184 Pints / 23 Gallons
Efficiency	6.6 Pints/kWh
Energy Factor	3.1 L/kWh
Blower	406 CFM @ 0.0" WG 374 CFM @ 0.2" WG 348 CFM @ 0.4" WG
Sensible Cooling	4,300 BTUs/Hour
Operating Temperature	40°F Min., 115°F Max.
Sizing	Up to 4,000 Sq. Ft. / 40,000 Cu. Ft.

ELECTRICAL

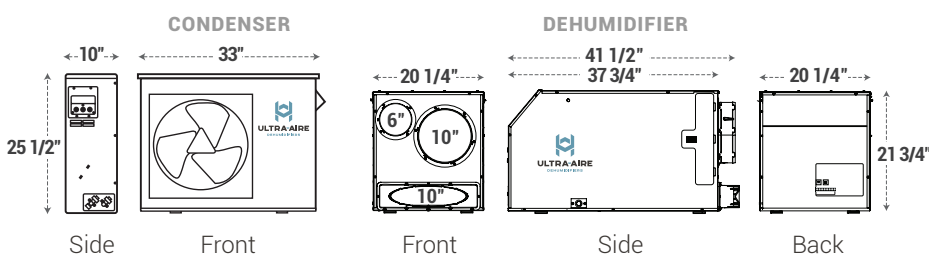
Power	Dehumidifier - 160 watts, Condenser - 1080 watts	
Supply Voltage	115 volt – 1 phase – 60 Hz	
Current Draw	Dehumidifier - 1.4 amps, Condenser - 9.7 amps	
Power Cord	Dehumidifier - 9', 115 VAC, Ground, Condenser - hard-wired	 Plug Type B (USA, MEX, CAN, JPN)
Circuit Requirement	Dehumidifier - 15 amps Condenser - 20 amps	 NEMA 5-20P 14ga10'

SPECIFICATIONS

Duct Connections	6" Round Inlet, 10" Round Inlet, 10" Oval Outlet
Drain Connection	3/4" Threaded Female NPT
Refrigerant	R410A, Dehumidifier - 42 oz., Condenser - 36 oz.
Line Set	50 Ft. Max., 1/4" Liquid Line, 3/8" Gas line
Unit Dimensions	Dehumidifier - 20.25"W x 21.75"H x 41.5"D Condenser - 10"W x 25.5"H x 33"D
Unit Weight	Dehumidifier - 110 lbs., Condenser - 75 lbs.

SHIPPING

Shipping Dimensions	35"W x 44"H x 44"D
Shipping Weight	225 lbs.
Pallet Quantity	2 per pallet
UPC Number	859029004700
Shipping Options	LTL



FEATURES

- + Ventilation function is controlled separately from dehumidification and filtration
- + Designed for quiet operation
- + Use of DEH 3000/R digital control for outdoor air ventilation and humidity control
- + Superior MERV-13 filtration to improve indoor air quality
- + Ducting option for fresh outdoor air ventilation
- + Push button reset for transformer protection



Specifications are subject to change without notice. Power and Performance are based on 80°F/60%RH conditions. Pints / gallons are per day. Sizing is based on 10 foot ceiling height. Unit dimensions and weight are with collars on.

POWERED TO PROTECT. POWERED TO PERFORM.

▶ ACCESSORIES

FILTRATION



MERV-13 FILTER

- + Designed to trap particles down to 0.3 microns
- + 90% ASHRAE Dust Spot
- + 16" x 20" x 2"

INSTALLATION



DEH 3000 DIGITAL CONTROL

- + Precise monitoring and control of moisture levels
- + Manages fresh air filtration with optional damper
- + Activates air filtration



HANG KIT

- + One person set up
- + Minimal parts
- + Ideal for tight spaces or spaces prone to flooding and standing water



CONDENSATE PUMP

- + For use in spaces where gravity drain is not possible
- + Includes 20-foot drain hose, giving the option to run longer distances
- + Pump features a float switch that directs it to run only when needed



DEHUMIDIFIER RISERS

- + Allows dehumidifier to be raised

PARTS

4029510	Filter Drier	4031086-05	Evaporator Coil
4026657	Impeller	4025741	Defrost Thermostat
4035235-07	Fan Relay	4029508	Low Pressure Switch
4022487	Transformer	4026221	Leveling Feet
4033031-07	Fan Capacitor	4036559	Circuit Breaker

ORDERING INFORMATION

PART NO. ITEM

4039391	MERV-13 Filter
4037733	MERV-13 Filter, 4-Pack
4037734	MERV-13 Filter, 12-Pack

PART NO. ITEM

4028539	DEH 3000 Digital Control
4028407	DEH 3000R Digital Control

PART NO. ITEM

4036685	Hang Kit
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PART NO. ITEM

4022220	Condensate Pump
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PART NO. ITEM

4039903	Dehumidifier Risers
4041602	Dehumidifier Risers, 10-Pack

The Ultra Aire team is available Monday - Friday, 8 am - 5 pm CT.

We want to hear from you, so don't hesitate to reach out.

Need help with a warranty claim? Contact us at 800-533-7533.

Contact Customer Service at orders@thermastor.com.

SANTA-FE-PRODUCTS.COM