



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

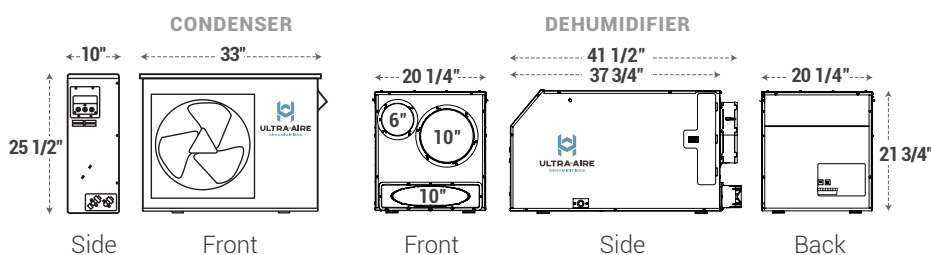
| | | |
|---------------------|--|---|
| Power | Dehumidifier - 160 watts, Condenser - 1080 watts | |
| Supply Voltage | 115 volt – 1 phase – 60 Hz | |
| Current Draw | Dehumidifier - 1.4 amps, Condenser - 9.7 amps | |
| Power Cord | Dehumidifier - 9', 115 VAC, Ground, |  Plug Type B (USA, MEX, CAN, 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 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

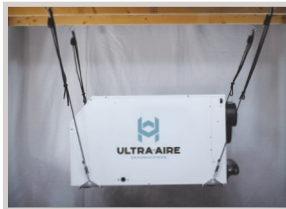
- + Designed to trap particles down to 0.3 microns
- + 90% ASHRAE Dust Spot
- + 16" x 20" x 2"

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 |
|---------|----------|

PART NO. ITEM

| | |
|---------|-----------------|
| 4022220 | Condensate Pump |
|---------|-----------------|

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