



▶ ULTRA AIRE 120V



THE **ULTRA AIRE 120V** –
THE INDUSTRY'S ONLY
VERTICAL DEHUMIDIFIER
– FEATURES A SMALL
FOOTPRINT AND OPTIONAL
DUAL EXHAUST.

MODEL 4036400

PERFORMANCE

| | |
|-----------------------|---|
| Water Removal | 124 Pints / 15.5 Gallons |
| Efficiency | 7.6 Pints/kWh |
| Energy Factor | 3.6 L/kWh |
| Blower | 445 CFM @ 0.0" WG 390 CFM @ 0.2" WG 360 CFM @ 0.4" WG |
| Operating Temperature | 49°F Min., 95°F Max. |
| Sizing | Up to 3,000 Sq. Ft. / 30,000 Cu. Ft. |

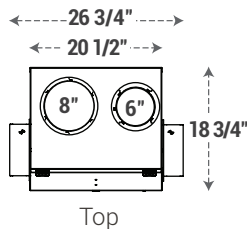
ELECTRICAL

| | |
|---------------------|-----------------------------|
| Power | 680 watts @ 80°F and 60% RH |
| Supply Voltage | 115 volt – 1 phase – 60 Hz |
| Current Draw | 5.8 amps |
| Power Cord | 9', 115 VAC, Ground |
| Circuit Requirement | 15 Amps |



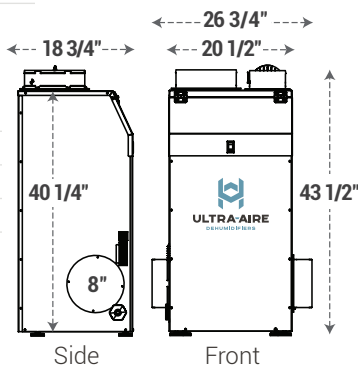
SPECIFICATIONS

| | |
|------------------|--|
| Duct Connections | 6" Round Inlet, 8" Round Inlet, 8" Round Outlet (x2) |
| Drain Connection | 3/4" Threaded Female NPT |
| Refrigerant | R410A, 2 lbs. 5 oz. |
| Unit Dimensions | 26.75"W x 43.5"H x 18.75"D |
| Unit Weight | 120 lbs. |



SHIPPING

| | |
|---------------------|-------------------------|
| Shipping Dimensions | 25.25"W x 46.5"H x 22"D |
| Shipping Weight | 145 lbs. |
| Pallet Quantity | 1 per pallet |
| UPC Number | 859029004663 |
| Shipping Options | LTL |



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

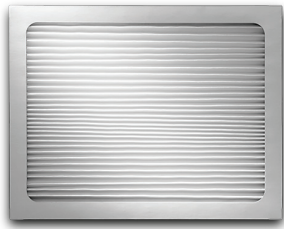
FEATURES

- + Vertical orientation for basements and mechanical rooms where floor space is limited
- + Engineered for low temperature operation providing comfort year round
- + 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



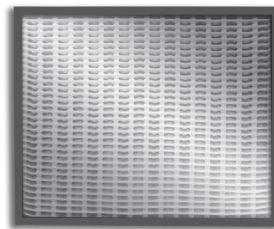
POWERED TO PROTECT. POWERED TO PERFORM.

FILTRATION



MERV-13 FILTER

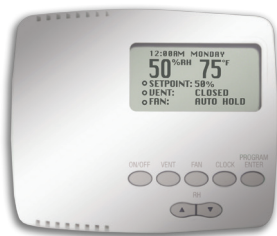
- + Designed to trap particles down to 0.3 microns
- + 90% ASHRAE Dust Spot
- + 16" x 20" x 2"



MERV-14 FILTER

- + Designed for high efficiency
- + Deep pleated 95% media filter
- + 16" x 20" x 4"

INSTALLATION



DEH 3000 DIGITAL CONTROL

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



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 located inside the dehumidifier)
- + Pump features a float switch that directs it to run only when needed

PARTS

| | | | |
|------------|-----------------|---------|-------------------------------------|
| 4035852 | Compressor | 4038968 | Wire Harness |
| 4034474-05 | Evaporator Coil | 4036967 | Defrost Thermostat |
| 4028566 | Condenser Coil | 4035872 | Overload, Compressor |
| 4029510 | Filter / Drier | 4038967 | Wiring Diagram |
| 4036164-03 | Capillary Tubes | 4026221 | Leveling Feet |
| 4038071 | Fan (Blower) | 4029894 | Hose, Drain Pan |
| 4022484 | Relay, SPST | 4037789 | Slide Latch |
| 4029575 | Relay, DPDT | 4038693 | Hinge |
| 4033032-05 | Run Capacitor | 4029828 | Duct, Inlet, 10" Plastic |
| 4035235-07 | Fan Capacitor | 4029829 | Duct, Inlet, 6" Plastic With Damper |
| 4022487 | Transformer | 4029588 | Duct, Outlet, 8" Plastic |
| 4036559 | Circuit Breaker | | |
| 4036523 | Power Cord | | |

PART NO. ITEM

| | |
|---------|-------------------------|
| 4039391 | MERV-13 Filter |
| 4037733 | MERV-13 Filter, 4-Pack |
| 4037734 | MERV-13 Filter, 12-Pack |
| 4022489 | MERV-14 Filter |

PART NO. ITEM

| | |
|---------|---------------------------|
| 4028539 | DEH 3000 Digital Control |
| 4028407 | DEH 3000R Digital Control |

PART NO. ITEM

| | |
|---------|-----------------|
| 4039225 | Condensate Pump |
|---------|-----------------|

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.