



**POWERED TO PROTECT YOUR
HOME, HEALTH AND COMFORT.**

ULTRA-AIRE.COM | 800-533-7533







DEDICATED TO DEFENDING YOUR COMFORT.

**We're pioneers of indoor air quality (IAQ) solutions, focused on the big 3:
Dehumidification, Filtration, Ventilation.**

DEHUMIDIFICATION

When your home has too much moisture, it becomes a breeding ground for pests and a trigger for mold. It can put your home's structural integrity at risk. Our innovative dehumidifiers properly maintain humidity levels — regardless of how hot it is outside and how much moisture is already in your home.

FILTRATION

Equipped with a MERV-13 filter, Ultra Aire dehumidifiers are designed to filter the bad. Over a six-year period, our premium filters will remove 2 pounds of dust, pollen, mold spores, pet dander and bacteria from the air in your home.

VENTILATION

Supplying fresh air and removing stale, polluted air is crucial to ensuring a safe living environment. While well-intentioned, new construction features airtight construction that have actually made IAQ worse by allowing VOC (volatile organic compound) levels to rise.

IAQ + YOU

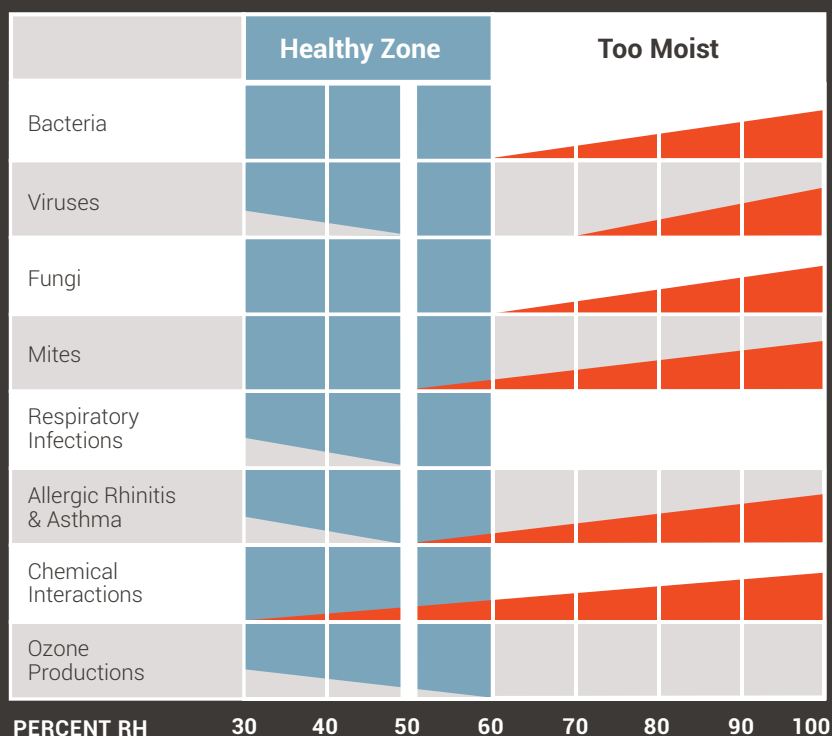


Not only can high humidity levels impact your health, they can ruin the structure of your home and property you've worked so hard for.

When you make Ultra Aire Dehumidifiers part of your moisture control strategy, you won't have to worry anymore.

Check out the chart to see how humidity affects your health. As the width of the bar increases, so does the likelihood of flourishing microbes and illnesses.

Chart data by the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE).





THE BEST DEHUMIDIFICATION DEFENSE

If your home is newer but smells musty, Ultra Aire Dehumidifiers can help. By working side-by-side with your current HVAC system, our dehumidification system will improve the moisture levels throughout your entire home. You'll feel better, and your home will smell better, too.

MOISTURE CONTROL = COST CONTROL

When you control the moisture levels in your home, you'll pay less to heat and cool it. To do this, you'll need to ensure your home is properly ventilated.

Our dehumidifiers automatically filter and dehumidify outdoor air before it enters your home. We swap stale indoor air for fresh, clean outdoor air – all while easing the energy demands on your air conditioner.



UNMATCHED WARRANTY

Ultra Aire stands behind its products. So much so, it offers best-in-class warranties on every dehumidifier. After all, when you build a quality product, you're not afraid to stand behind it.



ENERGY STAR® RATED

From product inception, we focus on building ENERGY STAR® rated dehumidifiers that are second to none when it comes to performance, efficiency and longevity.



COMMERCIAL-GRADE QUALITY. LARGE CAPACITY.

Every Ultra Aire dehumidifier is designed to commercial specifications. Not only does this mean our dehumidifiers are powered to protect, but they have the capacity to take on any job.



DEHUMIDIFIERS:

HORIZONTAL SOLUTIONS • SMALL FOOTPRINT • HIGH-EFFICIENCY

The **Ultra Aire Horizontal Series** is compact and highly-efficient. It's designed for tight, low-clearance, shallow spaces, where most dehumidifiers cannot fit. Ideal for homes and light commercial spaces, this unit can be ducted into the HVAC system or used in a freestanding application.

► ULTRA AIRE 70H



- + **MODEL:** 4033730
- + **OPERATING TEMPERATURE:** 49°F - 95°F
- + **ENERGY FACTOR:** 2.4 L/KWH
- + **FILTER:** MERV-13
- + **SIZING:** UP TO 1,800 SQ. FT. / 18,000 CU. FT.
- + **PINT CAPACITY:** 70 PINTS / 8.75 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** OPTIONAL

► ULTRA AIRE 98H



- + **MODEL:** 4034240
- + **OPERATING TEMPERATURE:** 49°F - 95°F
- + **ENERGY FACTOR:** 2.95 L/KWH
- + **FILTER:** MERV-13
- + **SIZING:** UP TO 2,300 SQ. FT. / 23,000 CU. FT.
- + **PINT CAPACITY:** 98 PINTS / 12.25 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** OPTIONAL

► ULTRA AIRE 120H



- + **MODEL:** 4031957
- + **OPERATING TEMPERATURE:** 49°F - 95°F
- + **ENERGY FACTOR:** 2.95 L/KWH
- + **FILTER:** MERV-13
- + **SIZING:** UP TO 3,000 SQ. FT. / 30,000 CU. FT.
- + **PINT CAPACITY:** 121 PINTS / 15.125 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** OPTIONAL

DEHUMIDIFIERS:

HORIZONTAL SOLUTIONS • COMMERCIAL-GRADE • HIGH-EFFICIENCY



The **Ultra Aire XT Series** offers the highest level of energy efficiency — unmatched in the market. The XT series offers options that can fit most any application.

▶ ULTRA AIRE XT105H



- + **MODEL:** 4032240
- + **OPERATING TEMPERATURE:** 49°F - 95°F
- + **ENERGY FACTOR:** 2.9 L/KWH
- + **FILTER:** MERV-13
- + **SIZING:** UP TO 2,500 SQ. FT. / 25,000 CU. FT.
- + **PINT CAPACITY:** 105 PINTS / 13.125 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** OPTIONAL

▶ ULTRA AIRE XT155H



- + **MODEL:** 4031070
- + **OPERATING TEMPERATURE:** 49°F - 95°F
- + **ENERGY FACTOR:** 3.4 L/KWH
- + **FILTER:** MERV-13
- + **SIZING:** UP TO 3,500 SQ. FT. / 35,000 CU. FT.
- + **PINT CAPACITY:** 155 PINTS / 19.375 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** OPTIONAL

▶ ULTRA AIRE XT205H



- + **MODEL:** 4031560
- + **OPERATING TEMPERATURE:** 49°F - 95°F
- + **ENERGY FACTOR:** 3.4 L/KWH
- + **FILTER:** MERV-13
- + **SIZING:** UP TO 5,000 SQ. FT. / 50,000 CU. FT.
- + **PINT CAPACITY:** 205 PINTS / 25.625 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** OPTIONAL



DEHUMIDIFIERS:

VERTICAL SOLUTION • BASEMENT APPLICATIONS

"V" for Vertical – the **Ultra Aire 120V** is the only vertical, ventilating dehumidifier on the market. This dehumidifier, which features superior filtration, is ideal for basements, mechanical rooms and large attics where floor space is limited.

► ULTRA AIRE 120V



- + **MODEL:** 4036400
- + **OPERATING TEMPERATURE:** 49°F - 95°F
- + **ENERGY FACTOR:** 3.6 L/KWH
- + **FILTER:** MERV-13
- + **SIZING:** UP TO 3,000 SQ. FT. / 30,000 CU. FT.
- + **PINT CAPACITY:** 124 PINTS / 15.5 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** OPTIONAL



DEHUMIDIFIERS:

SPLIT SYSTEM • COMMERCIAL-GRADE • HIGH-EFFICIENCY

The **Ultra Aire SD12** is specifically designed for hot and humid climates. The SD12 cools your space while efficiently and cost-effectively controlling humidity. Enhance comfort and boost indoor air quality with the Ultra Aire SD12.

► ULTRA AIRE SD12



- + **MODEL:** 4033170
- + **OPERATING TEMPERATURE:**
49°F - 95°F (DEHUMIDIFIER) / 40°F - 115°F (CONDENSER)
- + **ENERGY FACTOR:** 3.1 L/KWH
- + **FILTER:** MERV-13
- + **SIZING:** UP TO 4,000 SQ. FT. / 40,000 CU. FT.
- + **PINT CAPACITY:** 184 PINTS / 23 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** OPTIONAL



DEHUMIDIFIERS:

IN-WALL SOLUTION • MULTI-FAMILY • SENIOR HOUSING • ADAPTIVE REUSE

The **Ultra Aire MD33** is the first true in-wall dehumidifier. Featuring a tamper-proof cover, this unit runs independently of the HVAC system and creates a comfortable, healthier living environment for residents.

► ULTRA AIRE MD33



- + **MODEL:** 4035900
- + **OPERATING TEMPERATURE:** 49°F - 95°F
- + **ENERGY FACTOR:** 2.0 L/KWH
- + **FILTER:** WASHABLE
- + **SIZING:** UP TO 1,200 SQ. FT. / 12,000 CU. FT.
- + **PINT CAPACITY:** 33 PINTS / 4.125 GALLONS PER DAY
- + **HVAC SYSTEM INTEGRATION:** YES
- + **VENTILATION:** NO

"The MD33 was exactly the product we'd been looking for to alleviate the humidity in our apartment project. The ease of installation and slim-line profile of the product really fit in the modern living spaces."

Terry McDonald
General Manager, Scallan
Properties, Washington D.C.





COMMERCIAL APPLICATIONS:

SELF STORAGE • SMALL BUSINESSES • GOVERNMENT APPLICATIONS



SELF-STORAGE: AIR CONDITIONING ISN'T CLIMATE CONTROL.

There's only one way to reduce your utility bills while also protecting your self-storage facilities from mildew: Control your climate and keep humidity in check. We can help. Our dehumidifiers are the most efficient on the market.



GYMS, SPAS AND FITNESS CENTERS: KEEP THEM COMING BACK.

Your customers want a comfortable, sanitary, odor-free facility. Humidity control can help your gym, spa or fitness center put its best foot forward.



GOVERNMENT: PROVEN ASSET PROTECTION.

Look to us for efficient, American-made dehumidification solutions. From military housing to office or utility protection, we offer efficient humidity control you can trust.

From multi-family housing to self storage to any small business, creating the proper environment is paramount.



FILTERS

▶ 70H FILTER



MERV-13

- + SIZE: 9" X 11" X 1"
- + PART NUMBER: 4037724

▶ XT / SD12 FILTER



MERV-13

- + SIZE: 16" X 20" X 2"
- + PART NUMBER: 4039391

▶ 120V FILTERS



MERV-13

- + SIZE: 16" X 20" X 2"
- + PART NUMBER: 4039391

▶ 98H / 120H FILTER



MERV-13

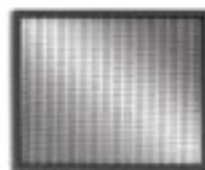
- + SIZE: 14" X 17.5" X 1"
- + PART NUMBER: 4037722

▶ MD33 FILTER



WASHABLE

- + SIZE: 11" X 12.6" X 0.1"
- + PART NUMBER: 4037714



MERV-14

- + SIZE: 16" X 20" X 2"
- + PART NUMBER: 4022498

Ultra Aire dehumidifiers are equipped with the best filtration on the market. Capture harmful allergens and particles and keep running at peak efficiency.



Filters are available on: <https://thermastorfilters.com/pages/ultra-aire>



ACCESSORIES

► CONTROLS



DEH 3000 / 3000R

+ DEH 3000 PART NUMBER:
4028539

+ DEH 3000R PART NUMBER:
4028407

+ COMPATIBLE DEHUMIDIFIERS:

- ULTRA AIRE 70H
- ULTRA AIRE 98H
- ULTRA AIRE 120H
- ULTRA AIRE 120V
- ULTRA AIRE XT105H
- ULTRA AIRE XT155H
- ULTRA AIRE XT205H
- ULTRA AIRE SD12

► DEHUMIDIFIER RISERS



DEHUMIDIFIER RISERS

+ PART NUMBER: 4039903

+ COMPATIBLE DEHUMIDIFIERS:

- ULTRA AIRE 70H
- ULTRA AIRE 98H
- ULTRA AIRE 120H
- ULTRA AIRE XT105H
- ULTRA AIRE XT155H
- ULTRA AIRE XT205H
- ULTRA AIRE SD12

► HANG KITS



SMALL HANGING KIT

+ PART NUMBER: 4036695

+ COMPATIBLE DEHUMIDIFIERS:

- ULTRA AIRE 70H
- ULTRA AIRE 98H
- ULTRA AIRE 120H



LARGE HANGING KIT

+ PART NUMBER: 4036685

+ COMPATIBLE DEHUMIDIFIERS:

- ULTRA AIRE XT105H
- ULTRA AIRE XT155H
- ULTRA AIRE XT205H
- ULTRA AIRE SD12

► CONDENSATE PUMPS



+ PART NUMBER: 4022220

+ COMPATIBLE DEHUMIDIFIERS:

- ULTRA AIRE 70H
- ULTRA AIRE 98H
- ULTRA AIRE 120H
- ULTRA AIRE XT105H
- ULTRA AIRE XT155H
- ULTRA AIRE XT205H
- ULTRA AIRE SD12
- ULTRA AIRE MD33



+ PART NUMBER: 4039225

+ COMPATIBLE DEHUMIDIFIERS:

- ULTRA AIRE 120V

PRODUCT LINE UP

	70H	98H	120H	XT105H
				
WATER REMOVAL*	70 PINTS/DAY 8.75 GALLONS/DAY	98 PINTS/DAY 12.25 GALLONS/DAY	121 PINTS/DAY 15.125 GALLONS/DAY	105 PINTS/DAY 13.125 GALLONS/DAY
CURRENT DRAW	5.1 AMPS	5.9 AMPS	7.3 AMPS	4.9 AMPS
EFFICIENCY	5.0 PINTS/KWH	6.1 PINTS/KWH	6.1 PINTS/KWH	8.8 PINTS/KWH
ENERGY FACTOR	2.4 L/KWH	2.95 L/KWH	2.95 L/KWH	2.9 L/KWH
BLOWER	150 CFM @ 0.0" WG 140 CFM @ 0.2" WG 130 CFM @ 0.4" WG	320 CFM @ 0.0" WG 297 CFM @ 0.2" WG 215 CFM @ 0.4" WG	350 CFM @ 0.0" WG 285 CFM @ 0.2" WG 210 CFM @ 0.4" WG	257 CFM @ 0.0" WG 206 CFM @ 0.2" WG 146 CFM @ 0.4" WG
AIR FILTER	MERV-13	MERV-13	MERV-13	MERV-13
DIMENSIONS	12.00" W 12.00" H 28.00" D	14.50" W 19.50" H 32.375" D	14.375" W 21.00" H 32.1875" D	20.25" W 21.75" H 41.50" D
WEIGHT	55 LBS.	81 LBS.	91 LBS.	140 LBS.
SIZING	UP TO 1,800 FT. ²	UP TO 2,300 FT. ²	UP TO 3,000 FT. ²	UP TO 2,500 FT. ²
WARRANTY	6 YEARS	6 YEARS	6 YEARS	6 YEARS

*At 80°F and 60% RH



We're proud of our line up. The chart below is a side-by-side comparison of the Ultra Aire models, which will help determine the proper unit for your application. Or call 800-533-7533 and we'll be more than happy to help you choose your Ultra Aire.

XT155H	XT205H	120V	SD12	MD33
				
155 PINTS/DAY 19.375 GALLONS/DAY	205 PINTS/DAY 25.625 GALLONS/DAY	124 PINTS/DAY 15.5 GALLONS/DAY	184 PINTS/DAY 23.0 GALLONS/DAY	33 PINTS/DAY 4.125 GALLONS/DAY
8.0 AMPS	13.2 AMPS	5.8 AMPS	11.1 AMPS**	2.8 AMPS
7.3 PINTS/KWH	5.7 PINTS/KWH	7.6 PINTS/KWH	6.6 PINTS/KWH	4.25 PINTS/KWH
3.4 L/KWH	3.4 L/KWH	3.6 L/KWH	3.1 L/KWH	2.0 L/KWH
391 CFM @ 0.0" WG 363 CFM @ 0.2" WG 337 CFM @ 0.4" WG	526 CFM @ 0.0" WG 495 CFM @ 0.2" WG 458 CFM @ 0.4" WG	445 CFM @ 0.0" WG 390 CFM @ 0.2" WG 360 CFM @ 0.4" WG	406 CFM @ 0.0" WG 374 CFM @ 0.2" WG 348 CFM @ 0.4" WG	155 CFM @ 0.0" WG
MERV-13	MERV-13	MERV-13	MERV-13	WASHABLE
20.25" W 21.75" H 41.50" D	20.25" W 21.75" H 41.50" D	26.75" W 43.50" H 18.75" D	20.25" W 21.75" H 41.50" D	14.1875" W 30.00" H 5.75" D
140 LBS.	140 LBS.	120 LBS.	110 LBS.	39 LBS.
UP TO 3,500 FT. ²	UP TO 5,000 FT. ²	UP TO 3,000 FT. ²	UP TO 4,000 FT. ²	UP TO 1,200 FT. ²
6 YEARS	6 YEARS	6 YEARS	6 YEARS	4 YEARS

**SD12 amps are combined total. Dimensions and weight are dehumidifier only. See spec sheet for more detailed information on outdoor condenser.



Contact us: Ultra-Aire.com or 800-533-7533



©2019 Therma-Stor LLC
TS-1124 8/19 Rev A