

# E100W

Attribute	Value
UPC-12	686720026645
Short Name	Wi-Fi Dehumidifier, 100 Pints/Day
Packaging Hierarchy Level	Each
Pallet GTIN	70686720026644
Manufacturer	Research Products Corporation
Brand	AprilAire
Status	Active
Series	E Series Wi-Fi
Product Category	Humidification>Dehumidifiers>Whole Home
Sales Region	USA and Canada
Launch Date	2024-12-01
UNSPS Code	40101902-Dehumidifiers
Master Title - Short	AprilAire E100W Wi-Fi Dehumidifier – 100 PPD
Master Title - Long	AprilAire E100W Wi-Fi Dehumidifier – 100 PPD for Crawl Spaces, Basements, Whole Houses up to 5,500 Sq. Ft., Part of the AprilAire Healthy Air System

Attribute	Value
Master Bullets - Trade	<p>IDEAL RELATIVE HUMIDITY – Achieve balanced humidity in the home which has been shown to reduce the incidence of respiratory infections and symptoms related to allergies and asthma by minimizing the formation of bacteria, viruses, fungi, and dust mites   WI-FI INTEGRATED CONTROL – Control the AprilAire Dehumidifier by connecting it to your customer's phone via the built-in Wi-Fi interface. Bluetooth is available for fast, simple pairing in three minutes or less. The customer will receive alerts, diagnostics, and updates on the unit directly to their phone.   SIMPLE AND QUIET OPERATION – Simply set-it-and-forget-it. Dehumidification occurs until the RH set point is reached, then shuts off until periodic sampling determines a need for operation to resume. Top or end air discharge orientation is available and the 8-foot power cord allows for flexibility in placement.   HEALTHY AIR APP COMPATIBLE – Download the Healthy Air App (App Store or Google Play), pair the device, and connect to Wi-Fi. Your customer can monitor and control their unit from the palm of their hand.   ENERGY EFFICIENT APPLICATION – The E100W Dehumidifier is ENERGY STAR® Most Efficient 2024 and the perfect solution for controlling humidity in the whole home while also protecting against structural damage from moisture, pests, and mold. Installation applications include main return to main return, dedicated return to main supply or A/C return, inlet and outlet ducted to dedicated grilles, and main return to main supply.   R32 REFRIGERANT – AprilAire Dehumidifiers contain R32 refrigerant ensuring a lower Global Warming Potential and the same superior product performance. A data label can be found on the outer pack as well as inner unit identifying the model as having R32.   PART OF THE APRILAIRE HEALTHY AIR SYSTEM – The E100W Dehumidifier is a part of your one-stop, all purpose investment toward a greater quality of life. The AprilAire Healthy Air System (additional components sold separately) combines fresh air ventilation, air filtration, humidity control, radon control, zoning and IAQ control, and UVC sanitization to address all aspects of Indoor Air Quality in the home.   INSTALL WITH CONFIDENCE – Designed and assembled in the USA utilizing US and global components from a leader in residential Indoor Air Quality solutions. Includes 5-year warranty.</p>

Attribute	Value
Master Long Description - Trade	<p>Achieving the ideal relative humidity (RH) within the home is crucial for fostering a healthy living environment. By maintaining balanced humidity levels, the formation of harmful bacteria, viruses, fungi, and dust mites is significantly minimized, promoting overall well-being. The E100W Dehumidifier offers a simple yet powerful operation method, allowing users to effortlessly set their desired RH level and let the device handle the rest. Once the set point is attained, the unit automatically ceases operation until periodic sampling detects the need for resuming dehumidification. Tailored for the whole home, the E100W removes 100 pints per day, regulates humidity (eliminating variations in the environment), and helps safeguard against structural deterioration caused by moisture, pests, and mold. It features a variety of options for ducted installations including main return to main return, dedicated return to main supply or A/C return, inlet and outlet ducted to dedicated grilles, and main return to main supply. Equipped with an enhanced digital interface, the unit is Wi-Fi enabled. Using Bluetooth, the estimated 3-minute, 4-stage approach allows the unit to send updates, diagnostics, and alerts to the user's phone. Your customer can download the AprilAire Healthy Air App to control their unit directly from the palm of their hand. And the R32 refrigerant ensures a lower Global Warming Potential while maintaining superior product performance, a testament to AprilAire's commitment to sustainability and innovation. Plus, the 1/2-inch EPS cabinet insulation dampens operating sounds to provide a quieter environment. Designed and assembled in the USA utilizing US and global components, this dehumidifier epitomizes quality craftsmanship and reliability with corrosion-resistant aluminum coils and is backed by a generous 5-year warranty, instilling confidence in its installation and operation for years to come.</p>

Attribute	Value
Master Bullets - Consumer	<p>IDEAL RELATIVE HUMIDITY – Achieve balanced humidity in your home which has been shown to reduce the incidence of respiratory infections and symptoms related to allergies and asthma by minimizing the formation of bacteria, viruses, fungi, and dust mites   WI-FI INTEGRATED CONTROL – Control the AprilAire Dehumidifier by connecting it to your phone via the built-in Wi-Fi interface. Bluetooth is available for fast, simple pairing in three minutes or less. You will receive alerts, diagnostics, and updates on the unit directly to your phone.   SIMPLE AND QUIET OPERATION – Simply set-it-and-forget-it. Dehumidification occurs until the RH set point is reached, then shuts off until periodic sampling determines a need for operation to resume. Top or end air discharge orientation is available and the 8-foot power cord allows for flexibility in placement.   HEALTHY AIR APP COMPATIBLE– Download the Healthy Air App (App Store or Google Play), pair the device, and connect to Wi-Fi. Monitor and control your unit from the palm of your hand.   ENERGY EFFICIENT APPLICATION – The E100W Dehumidifier is ENERGY STAR® Most Efficient 2024 and the perfect solution for controlling humidity in the whole home while also protecting against structural damage from moisture, pests, and mold. Installation applications include main return to main return, dedicated return to main supply or A/C return, inlet and outlet ducted to dedicated grilles, and main return to main supply.   R32 REFRIGERANT – AprilAire Dehumidifiers contain R32 refrigerant ensuring a lower Global Warming Potential and the same superior product performance   PART OF THE APRILAIRE HEALTHY AIR SYSTEM – The E100W Dehumidifier is a part of your one-stop, all purpose investment toward a greater quality of life. The AprilAire Healthy Air System (additional components sold separately) combines fresh air ventilation, air filtration, humidity control, radon control, zoning and IAQ control, and UVC sanitization to address all aspects of Indoor Air Quality in the home.   BUY WITH CONFIDENCE – Designed and assembled in the USA utilizing US and global components from a leader in residential Indoor Air Quality solutions. Includes 5-year warranty.</p>

Attribute	Value
Master Long Description - Consumer	<p>Achieving the ideal relative humidity (RH) within the home is crucial for fostering a healthy living environment. By maintaining balanced humidity levels, the formation of harmful bacteria, viruses, fungi, and dust mites is significantly minimized, promoting overall well-being. The E100W Dehumidifier offers a simple yet powerful operation method, allowing users to effortlessly set their desired RH level and let the device handle the rest. Once the set point is attained, the unit automatically ceases operation until periodic sampling detects the need for resuming dehumidification. Tailored for the whole home, the E100W removes 100 pints per day, regulates humidity (eliminating variations in the environment), and helps safeguard against structural deterioration caused by moisture, pests, and mold. It features a variety of options for ducted installations including main return to main return, dedicated return to main supply or A/C return, inlet and outlet ducted to dedicated grilles, and main return to main supply. Equipped with an enhanced digital interface, the unit is Wi-Fi enabled. Using Bluetooth, the estimated 3-minute, 4-stage approach allows the unit to send updates, diagnostics, and alerts to your phone. Download the AprilAire Healthy Air App to control your unit directly from the palm of your hand. And the R32 refrigerant ensures a lower Global Warming Potential while maintaining superior product performance, a testament to AprilAire's commitment to sustainability and innovation. Plus, the 1/2-inch EPS cabinet insulation dampens operating sounds to provide a quieter environment. Designed and assembled in the USA utilizing US and global components, this dehumidifier epitomizes quality craftsmanship and reliability with corrosion-resistant aluminum coils and is backed by a generous 5-year warranty, instilling confidence in its installation and operation for years to come.</p>
Keywords	<p>april air, aprilaire, basement, casters, control, crawl, crawl space, crawlspace, dehumidifier, dehumidifiers, dehumidify, home, house, humidity, space, whole, whole home, whole house, wifi, wireless, app, connected, iot</p>
Warranty Length	5 Years
Special Features	<p>Automatic Restart; Automatic Defrost; Automatic Moisture Removal; Automatic Shutoff; Continuous Draining; Overheat Protection; Washable Filter; Adjustable Humidity Control; Digital Display; Anti-Spill</p>
Service Model Numbers	<p>5446, 5447, 5448, 5449, 5450, 5451, 5452, 5455, 5456, 5457, 5468, 5693, 5882, 5884, 5885, 5886, 5906, 5907, 70000009, 70000027, 70000238</p>
Accessory Model Numbers	<p>76, 4522, 4856, 4857, 5442, 5740, 5822, 5879, 5881, 5947, 5958, 6506, 8052</p>
Color	Gray
Shape	Rectangle
Materials	Steel - Galvanized; Plastic; Aluminum
Included Components	<p>E100W Dehumidifier; 10-inch Outlet Duct Collar; 10-inch Inlet Duct Collar; Backdraft Damper; Torx Bit (T20); Leveling Feet; Screws; Barbed Drain Fitting; 8-foot Power Cord; Washable MERV 8 Filter; Quick Start Guide</p>
Assembly Required (Y/N)	No

Attribute	Value
Filter Dimensions HxW (in) - Nominal	13.5x12
MERV Rating	8
Contaminants Removed	Airborne Particles; Airborne Allergens; Asthma Triggers; Dust; Mold Spores; Pet Dander; Pollen
Battery Required (Y/N)	No
Air Flow (CFM)	280
Amperage (A)	6.9
Voltage (V)	120VAC
Wattage (W)	828
Electrical Frequency (Hz)	60
Electrical Phase	1
Sound Level (dBA)	55 58.9
Min Max Coverage Area (sqft)	2000 5500
Min Max Operating Temperature (F)	50 104
Min Max Resistance at Airflow Volume	0.0@280 0.6@175
Dehumidification Capacity (ppd)	100
Refrigerant Amount (oz)	13.5
Power Source	Plug-In
Screen Size (in)	3.25
Serial Numbered (Y/N)	Yes
Certifications	ETL Listed; Energy Star; UL Certified
CA Prop 65 Warning Required (Y/N)	Yes
CA Prop 65 Warning Scope	Cancer and Reproductive Harm
CA Prop 65 Warning Statement	Cancer and Reproductive Harm- <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
Regulated Chemicals	R-32 Refrigerant
EPA Establishment Number	2539-WI-2
Assembled Length (in) - ACTUAL - Component 1	26
Assembled Width (in) - ACTUAL - Component 1	14

Attribute	Value
Assembled Height (in) - ACTUAL - Component 1	15
Assembled Weight (lb) - Component 1	64
Ship Length (in)	32
Ship Width (in)	24
Ship Height (in)	21
Ship Volume (cuft)	9.33
Ship Weight (lb)	87.00
MOQ/Order Multiple	1
Eaches per Pallet	4
Cases per Pallet Layer	4
Case Layers per Pallet	1.0
Pallet Stack Max	3
Country of Origin	USA
Harmonized Code	8479.89.1000
Freight Class	110
NMFC Code	114110
PALLET - Ship Length (in)	48
PALLET - Ship Width (in)	40
PALLET - Ship Height (in)	46
PALLET - Ship Weight (lb)	348.00
Image - Hero	<a href="https://rp.widen.net/content/livwk6ga8q/jpeg/aprilaire-e100w-dehumidifier-e-s-hero-web-ready-photo.jpg">https://rp.widen.net/content/livwk6ga8q/jpeg/aprilaire-e100w-dehumidifier-e-s-hero-web-ready-photo.jpg</a>
Image - Front	<a href="https://rp.widen.net/content/ylbtxyj5ty/jpeg/aprilaire-e100w-dehumidifier-front-view-photo.jpg">https://rp.widen.net/content/ylbtxyj5ty/jpeg/aprilaire-e100w-dehumidifier-front-view-photo.jpg</a>
Image - Back	<a href="https://rp.widen.net/content/6v4kzk07ls/jpeg/aprilaire-e100-dehumidifier-back-facing-photo.jpg">https://rp.widen.net/content/6v4kzk07ls/jpeg/aprilaire-e100-dehumidifier-back-facing-photo.jpg</a>
Image - Left	<a href="https://rp.widen.net/content/0yrzeqrjeh/jpeg/aprilaire-e100w-dehumidifier-left-side-view-photo.jpg">https://rp.widen.net/content/0yrzeqrjeh/jpeg/aprilaire-e100w-dehumidifier-left-side-view-photo.jpg</a>
Image - Left Front	<a href="https://rp.widen.net/content/ayi9qfx997/jpeg/aprilaire-e100w-dehumidifier-right-facing-photo.jpg">https://rp.widen.net/content/ayi9qfx997/jpeg/aprilaire-e100w-dehumidifier-right-facing-photo.jpg</a>
Image - Right	<a href="https://rp.widen.net/content/kew0wrpz0d/jpeg/aprilaire-e100w-dehumidifier-right-side-view-photo.jpg">https://rp.widen.net/content/kew0wrpz0d/jpeg/aprilaire-e100w-dehumidifier-right-side-view-photo.jpg</a>
Image - Right Front	<a href="https://rp.widen.net/content/nvphjpx3wy/jpeg/aprilaire-e100w-dehumidifier-hero-web-ready-photo.jpg">https://rp.widen.net/content/nvphjpx3wy/jpeg/aprilaire-e100w-dehumidifier-hero-web-ready-photo.jpg</a>

Attribute	Value
Image - Top	<a href="https://rp.widen.net/content/hrbkzlap9g/jpeg/aprilaire-e100w-dehumidifier-top-view-photo.jpg">https://rp.widen.net/content/hrbkzlap9g/jpeg/aprilaire-e100w-dehumidifier-top-view-photo.jpg</a>
Image - Dimensions	<a href="https://rp.widen.net/content/6tu28r5jca/jpeg/aprilaire-e100w-dehumidifier-size-measurements-web-ready-photo.jpg">https://rp.widen.net/content/6tu28r5jca/jpeg/aprilaire-e100w-dehumidifier-size-measurements-web-ready-photo.jpg</a>
Image - Product Interior	<a href="https://rp.widen.net/content/zooo5yg2bx/jpeg/aprilaire-e-series-dehumidifier-corrosion-resistant-coils-web-ready-photo.jpg">https://rp.widen.net/content/zooo5yg2bx/jpeg/aprilaire-e-series-dehumidifier-corrosion-resistant-coils-web-ready-photo.jpg</a>
Image - Installed	<a href="https://rp.widen.net/content/kspcmdptqg/jpeg/aprilaire-wi-fi-dehumidifier-installation-web-ready-photo.jpg">https://rp.widen.net/content/kspcmdptqg/jpeg/aprilaire-wi-fi-dehumidifier-installation-web-ready-photo.jpg</a>
Image - Marketing Tile	<a href="https://rp.widen.net/content/czoggi3xg0/jpeg/aprilaire-e-series-dehumidifiers-benefits-graphic.jpg">https://rp.widen.net/content/czoggi3xg0/jpeg/aprilaire-e-series-dehumidifiers-benefits-graphic.jpg</a>
Image - Marketing Tile.1	<a href="https://rp.widen.net/content/hrft4qkwug/jpeg/aprilaire-dehumidifier-made-in-the-usa-web-ready-photo.jpg">https://rp.widen.net/content/hrft4qkwug/jpeg/aprilaire-dehumidifier-made-in-the-usa-web-ready-photo.jpg</a>
Image - Marketing Tile.2	<a href="https://rp.widen.net/content/idigq1twno/jpeg/aprilaire-wi-fi-dehumidifier-healthy-air-app-compatible-web-ready-photo.jpg">https://rp.widen.net/content/idigq1twno/jpeg/aprilaire-wi-fi-dehumidifier-healthy-air-app-compatible-web-ready-photo.jpg</a>
Image - Marketing Tile.3	<a href="https://rp.widen.net/content/tgpu4wvxbv/jpeg/aprilaire-e080w-e100w-dehumidifier-features-web-ready-photo.jpg">https://rp.widen.net/content/tgpu4wvxbv/jpeg/aprilaire-e080w-e100w-dehumidifier-features-web-ready-photo.jpg</a>
Image - Marketing Tile.4	<a href="https://rp.widen.net/content/bpteldwccm/jpeg/aprilaire-e100w-dehumidifier-100-pints-per-day-web-ready-photo.jpg">https://rp.widen.net/content/bpteldwccm/jpeg/aprilaire-e100w-dehumidifier-100-pints-per-day-web-ready-photo.jpg</a>
Image - Marketing Tile.5	<a href="https://rp.widen.net/content/tqlrxck3c/jpeg/aprilaire-e100w-dehumidifier-box-contents-web-ready-photo.jpg">https://rp.widen.net/content/tqlrxck3c/jpeg/aprilaire-e100w-dehumidifier-box-contents-web-ready-photo.jpg</a>
Image - Marketing Tile.6	<a href="https://rp.widen.net/content/98czrebixc/jpeg/aprilaire-dehumidifier-no-tray-web-ready-photo.jpg">https://rp.widen.net/content/98czrebixc/jpeg/aprilaire-dehumidifier-no-tray-web-ready-photo.jpg</a>
Image - Marketing Tile.7	<a href="https://rp.widen.net/content/irv92mwfoe/jpeg/aprilaire-5881-dehumidifier-filter-web-ready-photo.jpg">https://rp.widen.net/content/irv92mwfoe/jpeg/aprilaire-5881-dehumidifier-filter-web-ready-photo.jpg</a>
Image - Lifestyle	<a href="https://rp.widen.net/content/yclbtplpyp/jpeg/aprilaire-dehumidifier-minimize-virus-survival-rates-web-ready-graphic.jpg">https://rp.widen.net/content/yclbtplpyp/jpeg/aprilaire-dehumidifier-minimize-virus-survival-rates-web-ready-graphic.jpg</a>
Image - Lifestyle.1	<a href="https://rp.widen.net/content/vv5zkokjji/jpeg/aprilaire-e100w-dehumidifier-coverage-web-ready-lifestyle-photo.jpg">https://rp.widen.net/content/vv5zkokjji/jpeg/aprilaire-e100w-dehumidifier-coverage-web-ready-lifestyle-photo.jpg</a>
Image - Logo	<a href="http://images.salsify.com/image/upload/s--EwvPG7ie--/gtadtev3mzxxdvb6qxcr.png">http://images.salsify.com/image/upload/s--EwvPG7ie--/gtadtev3mzxxdvb6qxcr.png</a>
Illustration - Install Applications	<a href="https://rp.widen.net/content/6p3dcsfyge/jpeg/aprilaire-dehumidifier-broad-range-of-ducted-applications-web-ready-graphic.jpg">https://rp.widen.net/content/6p3dcsfyge/jpeg/aprilaire-dehumidifier-broad-range-of-ducted-applications-web-ready-graphic.jpg</a>
PDF - Brochure	<a href="https://rp.widen.net/content/4rh8nl4ag4/original/aprilaire-whole-home-dehumidifier-consumer-brochure-982.pdf">https://rp.widen.net/content/4rh8nl4ag4/original/aprilaire-whole-home-dehumidifier-consumer-brochure-982.pdf</a>
PDF - Manual - Installation	<a href="https://rp.widen.net/content/rguqexmij/original/aprilaire-e050w-e070w-e080w-e100w-e130w-wi-fi-dehumidifier-installation-owners-manual-10021212C.pdf">https://rp.widen.net/content/rguqexmij/original/aprilaire-e050w-e070w-e080w-e100w-e130w-wi-fi-dehumidifier-installation-owners-manual-10021212C.pdf</a>
PDF - Manual - Other	<a href="https://rp.widen.net/content/g7k4tjtwrr/original/aprilaire-wi-fi-dehumidifier-quick-start-guide-10022116.pdf">https://rp.widen.net/content/g7k4tjtwrr/original/aprilaire-wi-fi-dehumidifier-quick-start-guide-10022116.pdf</a>
PDF - Product Guide	<a href="https://rp.widen.net/content/qwiz5iqbib/original/aprilaire-dehumidifier-product-guide-981.pdf">https://rp.widen.net/content/qwiz5iqbib/original/aprilaire-dehumidifier-product-guide-981.pdf</a>

Attribute	Value
PDF - Product Guide All	<a href="https://rp.widen.net/content/4uiwz4kh5l/original/aprilaire-all-products-specification-reference-guide-2210.pdf">https://rp.widen.net/content/4uiwz4kh5l/original/aprilaire-all-products-specification-reference-guide-2210.pdf</a>
PDF - Spec Sheet	<a href="https://rp.widen.net/content/1c6bwv6p8a/original/aprilaire-e100w-wi-fi-dehumidifier-specification-sheet-1015.pdf">https://rp.widen.net/content/1c6bwv6p8a/original/aprilaire-e100w-wi-fi-dehumidifier-specification-sheet-1015.pdf</a>
PDF - Submittal Sheet	<a href="https://rp.widen.net/content/nkv41jtfux/original/aprilaire-e100w-wi-fi-dehumidifier-submittal-sheet-Sub-E100W.pdf">https://rp.widen.net/content/nkv41jtfux/original/aprilaire-e100w-wi-fi-dehumidifier-submittal-sheet-Sub-E100W.pdf</a>
PDF - Warranty	<a href="https://rp.widen.net/content/ipm6idaaxt/original/aprilaire-dehumidifier-limited-warranty-policy.pdf">https://rp.widen.net/content/ipm6idaaxt/original/aprilaire-dehumidifier-limited-warranty-policy.pdf</a>
PDF - SDS	<a href="http://images.salsify.com/image/upload/s--nY9Ly3CE--/iw6rrcnwoibiwasizjh.pdf">http://images.salsify.com/image/upload/s--nY9Ly3CE--/iw6rrcnwoibiwasizjh.pdf</a>
Video - Product Promo	<a href="https://rp.widen.net/content/xizltj3hzi/original/aprilaire-wi-fi-dehumidifier-amazon-thd-promo-video.mp4">https://rp.widen.net/content/xizltj3hzi/original/aprilaire-wi-fi-dehumidifier-amazon-thd-promo-video.mp4</a>
Video - Product Promo - YouTube URL	<a href="https://youtu.be/S3jv8CxrHZM">https://youtu.be/S3jv8CxrHZM</a>
_ITEM_	E100W