

# E100C

Attribute	Value
UPC-12	686720006692
Short Name	Dehumidifier, 100 Pints/Day, With Casters
Packaging Hierarchy Level	Each
Pallet GTIN	10686720006699
Manufacturer	Research Products Corporation
Brand	AprilAire
Status	Active
Series	E Series
Product Category	Humidification>Dehumidifiers>Whole Home
Sales Region	USA and Canada
Launch Date	2021-04-01
UNSPS Code	40101902-Dehumidifiers
Master Title - Short	AprilAire E100C Dehumidifier – 100 PPD With Casters
Master Title - Long	AprilAire E100C Dehumidifier – 100 PPD With Casters 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   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' power cord allows for flexibility in placement.   ENERGY EFFICIENT APPLICATION – The E100C 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.   BUILT-IN CONTROL – Includes built-in automatic digital control with display. Conveniently mount on the top or front of the unit.   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 E100C 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.   CASTERS – This dehumidifier sits on casters so you can easily transfer from space to space as needed   INCLUDES – E100C Dehumidifier, Installation Guide, Washable MERV 8 Filter, 8' Power Cord, 10' Drain Tubing, Casters</p>

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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 E100C 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 E100C 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 sits on casters so you can easily move, if needed, and 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 a built-in automatic digital control and display which can be positioned on the top or front of the unit, users can easily monitor and adjust settings as needed. 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>

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Keywords	april air, aprilaire, basement, casters, control, crawl, crawl space, crawlspace, dehumidifier, dehumidifiers, dehumidify, home, house, humidity, space, whole, whole home, whole house
Warranty Length	5 Years
Special Features	Automatic Restart; Automatic Defrost; Automatic Moisture Removal; Automatic Shutoff; Continuous Draining; Overheat Protection; Washable Filter; Adjustable Humidity Control; Digital Display; Anti-Spill
Service Model Numbers	5445, 5446, 5447, 5448, 5449, 5450, 5451, 5452, 5455, 5456, 5468, 5693, 5882, 5884, 5885, 5886, 5906, 5907, 70000009, 70000014, 70000027
Accessory Model Numbers	76, 4522, 4856, 4857, 5442, 5740, 5822, 5879, 5881, 5947, 5958, 6506, 8052
Color	Gray
Shape	Rectangle
Materials	Steel - Galvanized; Plastic; Aluminum
Included Components	E100C Dehumidifier; 10-inch Outlet Duct Collar; 10-inch Inlet Duct Collar; Backdraft Damper; Torx Bit (T20); Screws; Barbed Drain Fitting; 8-foot Power Cord; Washable MERV 8 Filter; 10-foot Drain Tubing; (4) Casters; Installation and Operation Manual
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)	31
Ship Width (in)	24
Ship Height (in)	21
Ship Volume (cuft)	9.04
Ship Weight (lb)	87.00
MOQ/Order Multiple	1
Eaches per Pallet	4
Cases per Pallet Layer	2
Case Layers per Pallet	2.0
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)	47
PALLET - Ship Weight (lb)	348.00
Image - Hero	<a href="https://rp.widen.net/content/so5sxa7bl/jpeg/aprilaire-e100c-dehumidifier-hero-web-ready-photo.jpg">https://rp.widen.net/content/so5sxa7bl/jpeg/aprilaire-e100c-dehumidifier-hero-web-ready-photo.jpg</a>
Image - Hero.1	<a href="https://rp.widen.net/content/k2a48drao8/jpeg/aprilaire-e100c-dehumidifier-with-energy-star-hero-photo.jpg">https://rp.widen.net/content/k2a48drao8/jpeg/aprilaire-e100c-dehumidifier-with-energy-star-hero-photo.jpg</a>
Image - Front	<a href="https://rp.widen.net/content/giybvbdvet/jpeg/aprilaire-e100c-dehumidifier-front-view-photo.jpg">https://rp.widen.net/content/giybvbdvet/jpeg/aprilaire-e100c-dehumidifier-front-view-photo.jpg</a>
Image - Back	<a href="https://rp.widen.net/content/wcqexibevc/jpeg/aprilaire-e100c-dehumidifier-back-facing-photo.jpg">https://rp.widen.net/content/wcqexibevc/jpeg/aprilaire-e100c-dehumidifier-back-facing-photo.jpg</a>
Image - Left	<a href="https://rp.widen.net/content/pynkmk4uxi/jpeg/aprilaire-e100c-dehumidifier-left-side-view-photo.jpg">https://rp.widen.net/content/pynkmk4uxi/jpeg/aprilaire-e100c-dehumidifier-left-side-view-photo.jpg</a>
Image - Left Front	<a href="https://rp.widen.net/content/3y1qrjbpz2/jpeg/aprilaire-e100c-dehumidifier-with-energy-star-right-facing-photo.jpg">https://rp.widen.net/content/3y1qrjbpz2/jpeg/aprilaire-e100c-dehumidifier-with-energy-star-right-facing-photo.jpg</a>
Image - Right	<a href="https://rp.widen.net/content/sr2gqfcrmv/jpeg/aprilaire-e100c-dehumidifier-right-side-view-photo.jpg">https://rp.widen.net/content/sr2gqfcrmv/jpeg/aprilaire-e100c-dehumidifier-right-side-view-photo.jpg</a>

Attribute	Value
Image - Top	<a href="https://rp.widen.net/content/6kvbw9x7uf/jpeg/aprilaire-e100c-dehumidifier-top-view-photo.jpg">https://rp.widen.net/content/6kvbw9x7uf/jpeg/aprilaire-e100c-dehumidifier-top-view-photo.jpg</a>
Image - Dimensions	<a href="https://rp.widen.net/content/mh1v1fnunz/jpeg/aprilaire-e100c-dehumidifier-size-measurements-web-ready-photo.jpg">https://rp.widen.net/content/mh1v1fnunz/jpeg/aprilaire-e100c-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/elpmjsiptn/jpeg/aprilaire-e-series-dehumidifier-ideal-application-web-ready-photo.jpg">https://rp.widen.net/content/elpmjsiptn/jpeg/aprilaire-e-series-dehumidifier-ideal-application-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/deskpybshq/jpeg/aprilaire-logo-transition-graphic.jpg">https://rp.widen.net/content/deskpybshq/jpeg/aprilaire-logo-transition-graphic.jpg</a>
Image - Marketing Tile.2	<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 - Marketing Tile.3	<a href="https://rp.widen.net/content/rs9jczfql2/jpeg/aprilaire-e-series-dehumidifier-built-in-control-web-ready-photo.jpg">https://rp.widen.net/content/rs9jczfql2/jpeg/aprilaire-e-series-dehumidifier-built-in-control-web-ready-photo.jpg</a>
Image - Marketing Tile.4	<a href="https://rp.widen.net/content/ajtrshbna7/jpeg/aprilaire-dehumidifier-installation-web-ready-photo.jpg">https://rp.widen.net/content/ajtrshbna7/jpeg/aprilaire-dehumidifier-installation-web-ready-photo.jpg</a>
Image - Marketing Tile.5	<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.6	<a href="https://rp.widen.net/content/lb9el4f25w/jpeg/aprilaire-e100c-dehumidifier-100-pints-per-day-web-ready-photo.jpg">https://rp.widen.net/content/lb9el4f25w/jpeg/aprilaire-e100c-dehumidifier-100-pints-per-day-web-ready-photo.jpg</a>
Image - Marketing Tile.7	<a href="https://rp.widen.net/content/e7hr2ofgym/jpeg/aprilaire-e100c-dehumidifier-box-contents-web-ready-photo.jpg">https://rp.widen.net/content/e7hr2ofgym/jpeg/aprilaire-e100c-dehumidifier-box-contents-web-ready-photo.jpg</a>
Image - Marketing Tile.8	<a href="https://rp.widen.net/content/kjodi2syzq/jpeg/aprilaire-e100c-dehumidifier-no-messy-water-tray-web-ready-photo.jpg">https://rp.widen.net/content/kjodi2syzq/jpeg/aprilaire-e100c-dehumidifier-no-messy-water-tray-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/vv5zkkjji/jpeg/aprilaire-e100w-dehumidifier-coverage-web-ready-lifestyle-photo.jpg">https://rp.widen.net/content/vv5zkkjji/jpeg/aprilaire-e100w-dehumidifier-coverage-web-ready-lifestyle-photo.jpg</a>
Image - Logo	<a href="http://images.salsify.com/image/upload/s--EvvPG7ie--/gtadtev3mzxxdvv6qocr.png">http://images.salsify.com/image/upload/s--EvvPG7ie--/gtadtev3mzxxdvv6qocr.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/svvhdcraqp/original/aprilaire-e080-e100-dehumidifier-installation-guide-and-owners-manual-10020792.pdf">https://rp.widen.net/content/svvhdcraqp/original/aprilaire-e080-e100-dehumidifier-installation-guide-and-owners-manual-10020792.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>

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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/mkozxonj4e/original/aprilaire-e100-dehumidifier-specification-sheet-962.pdf">https://rp.widen.net/content/mkozxonj4e/original/aprilaire-e100-dehumidifier-specification-sheet-962.pdf</a>
PDF - Submittal Sheet	<a href="https://rp.widen.net/content/seqc5wb5h1/original/aprilaire-e100-dehumidifier-submittal-sheet-sub-E100.pdf">https://rp.widen.net/content/seqc5wb5h1/original/aprilaire-e100-dehumidifier-submittal-sheet-sub-E100.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 - Parts List	<a href="https://rp.widen.net/content/xfidgk2kkv/original/aprilaire-dehumidifier-parts-list-810B.pdf">https://rp.widen.net/content/xfidgk2kkv/original/aprilaire-dehumidifier-parts-list-810B.pdf</a>
PDF - SDS	<a href="http://images.salsify.com/image/upload/s--nY9Ly3CE--/iw6rrcnwoibwlasizjh.pdf">http://images.salsify.com/image/upload/s--nY9Ly3CE--/iw6rrcnwoibwlasizjh.pdf</a>
Video - Commercial	<a href="https://rp.widen.net/content/bmwrhv1s1s/original/aprilaire-dehumidifier-humidity-long-form-video.mp4">https://rp.widen.net/content/bmwrhv1s1s/original/aprilaire-dehumidifier-humidity-long-form-video.mp4</a>
Video - Commercial.1	<a href="https://rp.widen.net/content/rt4uorvr2b/original/aprilaire-dehumidifier-dehumidification-15-second-video.mp4">https://rp.widen.net/content/rt4uorvr2b/original/aprilaire-dehumidifier-dehumidification-15-second-video.mp4</a>
Video - Commercial - YouTube URL	<a href="https://youtu.be/n6N9bbAxGGA">https://youtu.be/n6N9bbAxGGA</a>
Video - Commercial - YouTube URL.1	<a href="https://youtu.be/qBQV_1rCQqY">https://youtu.be/qBQV_1rCQqY</a>
Video - Product Promo - YouTube URL	<a href="https://youtu.be/Sv4SI4S_-C4">https://youtu.be/Sv4SI4S_-C4</a>
Video - Product Series	<a href="https://rp.widen.net/content/lzogvypdq/original/aprilaire-dehumidifier-fan-replacement-instructional-video.mp4">https://rp.widen.net/content/lzogvypdq/original/aprilaire-dehumidifier-fan-replacement-instructional-video.mp4</a>
Video - Product Series - YouTube URL	<a href="https://youtu.be/K49ii6fQp3g">https://youtu.be/K49ii6fQp3g</a>
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