

Carrier® Air Purifier

CARRIER-18S / RMAP-ST
CARRIER-23S / RMAP-XL



Turn to the experts

Product Data



A210027



CARB Certified
Air Cleaning Device

HEALTHYHOMES



A210029

Features / Benefits

Advanced High-Efficiency Filter — 3-in-1 high-efficiency filter includes a pre-filter for large particles, a high-efficiency filter for fine particles, and an activated carbon filter for odors and VOCs. All-in-one filter makes replacement that much easier. Filter captures over 99% of airborne particles sized 0.3 microns.

Air Quality Monitoring — Easy to read air quality monitor continuously measures pollutant levels. The LED screen on the monitor changes colors based on your current air quality, and easy to see from across the room.

CADR Ratings — High CADR ratings for pollen, dust and tobacco smoke, based on third-party verification, provide quick recirculation of cleaner air back into the room¹.

Smart Auto Mode — Automatically adjusts between 18 fan speeds based on the air quality level detected in the room, optimizing delivery of cleaner, healthier indoor air.

360-Degree Airflow — A powerful, 18-speed fan with 360-degree airflow pulls polluted air from below and returns cleaner air back into the room in multiple directions.

Safety Lock Feature — Set your purifier to the preferred levels and then turn on the safety lock to prevent children from operating the unit.

Portable — Includes caster wheels that allow you to easily relocate the air purifier to a different living space in your home

About the Carrier Air Purifier

The Carrier Air Purifier offers a simple, cost-effective way to improve the quality of your indoor air in almost any room in your home. Its high-performance fan and high-efficiency filtration system extract airborne pollutants and deliver cleaner air in every direction, while easy-to-change filters make it a low-maintenance solution for busy households.

Ideal for bedrooms, family rooms, playrooms or any other area of your home needing cleaner air, the Carrier Air Purifier has been independently tested and certified by the Association of Home Appliance Manufacturers (AHAM).

The Carrier Air Purifier combines three different filtration technologies to create healthier indoor air. First, a pre-filter removes large airborne particles like dust, dirt and pet dander. Then, an advanced high-efficiency filter captures over 99% of particles sized 0.3 microns. Finally, an activated carbon filter removes odors from your room's air.

The low maintenance, easy to change filter should be replaced every 6-12 months based on usage. Simply replace the filter when the filter icon illuminates on the display.

Unlike many air purifiers that only pull air from one side, the Carrier Air Purifier features a powerful fan with 360-degree airflow to pull polluted air from multiple directions and return cleaner air all around the room. 18 different speed settings offer superior control, allowing you to adjust the fan to best meet your room's size and your current air quality needs.

And for busy households, Smart Auto Mode offers a great “set-and-forget” setting that automatically manages airflow based on the sensor reading.

1. <https://ahamverifide.org/ahams-air-filtration-standards/>

Table 1 – Specifications / Model Size

SPECIFICATIONS	CARRIER-18S / RMAP-ST	CARRIER-23S / RMAP-XL
Max Room Size, Sq. Ft.	430	560
Filtration Efficiency	Captures over 99% of particles sized 0.3 microns	
Sound Level, dB – Low to High	30 – 52	28 – 56
Voltage Watts Current	120V Single Phase 60Hz 30W 0.38A	120V Single Phase 60Hz 42W 0.53A
Annual Energy Use (kWh/year)	156	220
Cord Length, In (mm)	78 (1981)	
Sensors	PM2.5 and VOC	
CADR, Ft ³ /Min	Tobacco—282 Dust—281 PM2.5—282 Pollen—315	Tobacco—365 Dust—385 PM2.5—375 Pollen—427
Replacement Filter P/N Size, In (mm)	RMAPFIL-ST 12.4 x 12.4 x 13.6 (315 x 315 x 345)	RMAPFIL-XL 12.4 x 12.4 x 18.6 (315 x 315 x 472)
Weight, Lb. (kg)	23.8 (10.8)	26.6 (12.1)

Table 2 – Air Quality Status Indicator

IAQ	Color	Air Quality	Dust Density
Level 1	Blue	Good	0-12
Level 2	Green	Normal	13-35
Level 3	Yellow	Bad	36-55
Level 4	Red	Very bad	Equal or above 56

Table 3 – Unit Dimensions (W x D x H) in. (mm)

CARRIER-18S / RMAP-ST	CARRIER-23S / RMAP-XL
13.7 x 13.7 x 26.5 (350 x 350 x 675)	13.7 x 13.7 x 31.5 (350 x 350 x 800)

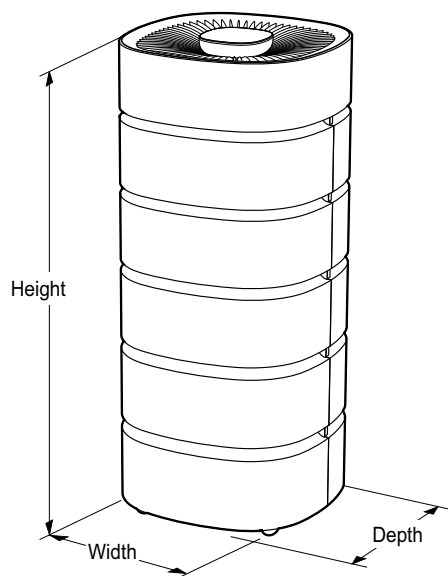


Fig. 1 – Dimensions (refer to Table 3)

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Certifications

- Energy Star® certified for energy efficiency
- CARB-certified air cleaning device
- AHAM® verified for performance
- FCC and IC compliant for radiation limits
- ETL listed for product safety