

Whole-House High Efficiency Media Retrofit Air Cleaners

CMU1620AN, CMU1625AN, CMU2020AN, CMU2025AN

Description

- The High Efficiency Charged-Media Retrofit Air Cleaner has been designed to remove atmospheric and household dust, coal dust, insecticide dust, mites, pollen, mold spores, fungi, bacteria, pet dander, cooking smoke and grease, tobacco smoke particles, and more down to 0.3 micron (1/84,000 of an inch).
- Ideal for homes with allergy, asthma or respiratory sufferers, smokers, pets and mustiness.
- Helps protect and prolong the operating efficiency of the heating and cooling equipment.

Standard Features

- High Efficiency MERV* 11 Media Filter, rated at 492 feet/minute, removes airborne contaminants down to 0.3 micron.
- Filter material is constructed of continuous hydrophobic polyolefin fibers that will not shred or absorb moisture. They are cellulose free and will not sustain mold growth.
- Unique filter design features a structured density gradient with an electret charge for higher initial and sustained efficiency over the life of the filter.
- Extra deep, 5¹/₄ inch filter contains more media material than other filters on the market. More surface area means more collection area, longer filter life and lower static pressure.
- Perfect fit filter has an exact fit with the cabinet. Does not contain foam, sponge or fiberglass filler. Means all the air is passing through the filter and not through filler material, thereby maximizing the system's ability to clean the air.
- User-friendly, easy-to-change filter cartridge means no fussing with complicated combs or brackets.
- Filter lasts up to one year in standard applications.
- Reversible air flow. Mounts in any position.
- Easily upgrades to a High Efficiency Electronic Air Cleaner, which is capable of removing harmful contaminants as small as 0.01 micron (1/2,540,000 of an inch).



Cabinet Construction Features

- Heavy gauge galvanized steel cabinet resists corrosion and provides trouble-free vertical or horizontal installation. Holes are provided to facilitate mounting to the duct work or air handling system.
- Durable powder coat paint finish on door resists corrosion.

Media Replacement Filters

- Replacement filters are packaged 3 per box. Replace 1 to 2 times per year depending on climate, home renovations, smoking in home, or number of pets.

For Models:

Use Filter:

CMU1620AN use replacement filter Part P102-1620

CMU1625AN use replacement filter Part P102-1625

CMU2020AN use replacement filter Part P102-2020

CMU2020AN use replacement filter Part P102-2025

Skid Quantities (Must Order 60+ Pieces):

For Models:

Use Filter:

CMU1620AN-S use replacement filter Part P102-1620-S

CMU1625AN-S use replacement filter Part P102-1625-S

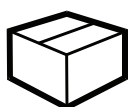
CMU2020AN-S use replacement filter Part P102-2020-S

CMU2020AN-S use replacement filter Part P102-2025-S

Warranty

- Limited 5-Year Warranty (not including filter)

* MERV: Minimum Efficiency Reporting Value.
Based on ASHRAE Standard 52.2.



Replacement Components

Carrier

CMU1620AN, CMU1625AN, CMU2020AN, CMU2025AN

Specifications

MODELS	CMU1620AN	CMU1625AN	CMU2020AN	CMU2025AN
Power Consumption	0	0	0	0
House Size Area	<2400 ft ² <222.96 m ²	<3000 ft ² <278.70 m ²	<3000 ft ² <278.70 m ²	<3000 ft ² <278.70 m ²
Airflow	up to 1200 cfm up to 2039 m ³ /hr	up to 1400 cfm up to 2379 m ³ /hr	up to 1400 cfm up to 2379 m ³ /hr	up to 2000 cfm up to 3398 m ³ /hr
Duct Size	16 x 20 in 40.5 x 51 cm	16 x 25 in 40.5 x 63.5 cm	20 x 20 in 51.0 x 51.0 cm	20 x 25 in 51.0 x 63.5 cm
Intake Dimensions (H x L)	13.12 x 20.68 in 33.3 x 52.5 cm	13.62 x 24.11 in 34.6 x 61.2 cm	18.0 x 18.71 in 45.7 x 47.5 cm	18.0 x 23.26 in 45.7 x 59.1 cm
Cabinet Dimensions (W x H x L)	7.5 x 17.41 x 23.75 in 19.05 x 44.2 x 60.3 cm	7.5 x 17.41 x 26.64 in 19.1 x 44.2 x 67.3 cm	7.5 x 22.3 x 21.75 in 19.05 x 56.6 x 55.2 cm	7.5 x 22.3 x 26.29 in 19.05 x 56.6 x 66.8 cm
Unit Weight	17 lbs 7.7 kg	18 lbs 8.2 kg	19 lbs 8.6 kg	20 lbs 9.1 kg
Pressure Drop	.064 (in./wg.) @ 246 fpm .209 (in./wg.) @ 492 fpm	.066 (in./wg.) @ 246 fpm .217 (in./wg.) @ 492 fpm	.062 (in./wg.) @ 246 fpm .203 (in./wg.) @ 492 fpm	.069 (in./wg.) @ 246 fpm .207 (in./wg.) @ 492 fpm
MERV Rating	11	11	11	11
Replacement Filters	P102-1620	P102-1625	P102-2020	P102-2025

Dimensions

MODEL	DIMENSIONS - in (cm)						
	A1	A2	B1	B2	C	D	E
CMU1620AN	15.94 (40.5)	17.41 (44.2)	23.18 (58.9)	23.7 (60.2)	1.25 (3.2)	13.12 (33.3)	20.68 (52.5)
CMU1625AN	15.94 (40.5)	17.41 (44.2)	26.11 (66.3)	26.64 (67.7)	1.0 (2.6)	13.62 (34.6)	24.11 (61.2)
CMU2020AN	20.83 (52.9)	22.3 (56.6)	21.21 (53.9)	21.74 (55.2)	1.25 (3.2)	18.0 (45.7)	18.71 (47.5)
CMU2025AN	20.83 (52.9)	22.3 (56.6)	25.76 (65.5)	26.29 (66.8)	1.25 (3.2)	18.0 (45.7)	23.26 (59.1)

