

# Genesis Air Home



The Genesis Air Home is meant for new and retrofit units. The Genesis Air Home is used to reduce the levels of Volatile Organic Compounds (VOC's) and viable airborne biological contaminants. These air cleaners work in conjunction with the building HVAC system in residential applications.

Proven technology to disinfect, deodorize, and filter air.

## GENESIS AIR CenterPoint

### Improves Health and Productivity:

- Eliminates airborne SARS-CoV-2\*.
- Reduces Smoke and Odors
- Reduces Airborne Biologics IE: Mold Spores, Bacteria VOCs and many other Irritants.
- Reduces Carbon Monoxide
- Continuous Protection

*Genesis Air's CenterPoint technology (patented) often eliminates the need for costly HEPA and carbon filtration. Genesis Air units do not produce ozone.*



### Variations

- **CU-R3:** Catalyst Panel and MERV 13 Filter; housed inside an insulated cabinet. (Return Air Duct) (Control Box Optional)
- **PCP3:** Catalyst Panel intended to be taped into the duct work. (Supply Air Duct) (Control Box Optional)

### Special Features:

- Catalyst Panel pressure drop of 0.0375 in. W.C. at 500 ft/min.
- Power Requirements: 120 Volt AC, 50/60 Hz

### CenterPoint Technology

#### Step 1: MERV 13 Filtration...

Reduces particles you can't even see. New high efficiency, high capacity, low resistance particle filter reduces most pollen, mold, mildew, ragweed, dust, house dust, bacteria, pet dander, and many other submicroscopic poisons, allergens, and irritants.

\* 3<sup>rd</sup> party test results available on our website.

Email: [information@genesisair.com](mailto:information@genesisair.com)

#### Step 2: UVGI Lamps...

CenterPoint uses ultraviolet light to activate the photocatalyst, which reduces and deactivates air borne bacteria, viruses, mold, spores, and fungi.

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#### Step 3: Photocatalyst...

Using Titanium Dioxide energized by UV light, Genesis Air CenterPoint, produces hydroxyl radicals. Hydroxyl radicals are a natural cleansing agent found in the troposphere. Hydroxyl radicals reduce and oxidize biologics in the air, such as mold bacteria, and viruses, thus rendering them nonviable. CenterPoint safely and effectively neutralize biologics and reduces concentrations of VOCs.

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Media Air Cleaner	Nominal Height x Width	Catalyst Panel Model Number	Pre-filter Nominal Size	CFM	Tonnage	Current Draw (amps)	Lamp Quantity & Length
<b>Description: 3" Catalyst Panel</b>							
<b>Location: Supply Air Duct</b>							
NA	16" x 20"	1620PCP3	NA	1111	2.5	1.05	(3) 20"
NA	16" x 24"	1624PCP3	NA	1333	3	1.32	(3) 24"
NA	16" x 25"	1625PCP3	NA	1389	3.5	1.32	(3) 24"
NA	16" x 30"	1630PCP3	NA	1667	4	1.38	(3) 28"
NA	20" x 20"	2020PCP3	NA	1389	3.5	1.05	(3) 20"
NA	20" x 24"	2024PCP3	NA	1667	4	1.32	(3) 24"
NA	20" x 25"	2025PCP3	NA	1736	4	1.32	(3) 24"
NA	20" x 30"	2030PCP3	NA	2083	5	1.38	(3) 28"
NA	24" x 20"	2420PCP3	NA	1667	4	1.40	(4) 20"
NA	24" x 24"	2424PCP3	NA	2000	5	1.76	(4) 24"
NA	24" x 25"	2425PCP3	NA	2083	5	1.76	(4) 24"
NA	24" x 30"	2430PCP3	NA	2500	6	1.84	(4) 28"
<b>Description: Housing for 3" Catalyst Panel and 2" Pre-Filter</b>							
<b>Location: Return Air Duct</b>							
Genesis Air 1620CU-R3	16" x 20"	1620PCP3	16" x 20" x 2" MERV 13	1111	2.5	1.05	(3) 20"
Genesis Air 1625CU-R3	16" x 25"	1625PCP3	16" x 25" x 2" MERV 13	1389	3.5	1.32	(3) 24"
Genesis Air 2020CU-R3	20" x 20"	2020PCP3	20" x 20" x 2" MERV 13	1389	3.5	1.05	(3) 20"
Genesis Air 2025CU-R3	20" x 25"	2025PCP3	20" x 25" x 2" MERV 13	1736	4	1.32	(3) 24"