

# Genesis Air Custom Free-Standing Rack



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

The Custom Free-Standing Rack is a catalyst panel Racking system designed to be installed inside a building's air handler. The Free-Standing Rack uses a combination of one or more catalyst panels.

Racks are designed so that catalyst panels can slide out through the air handler door (Side Load). If the air handle door is not large enough for panels to be removed from the side, racks can be designed to allow the catalyst panel to be removed by pulling it out against the direction of air flow (Face Load).

These racks can be placed in the air handler before or after the evaporator coil. If needed, a slot for pre-filters can be added to the rack. If space is limited, filter racks provided by the air handle manufacturer can be demolished and replaced with a Custom Free-Standing Rack.

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

### 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.

\*\* Test results available upon request.  
Email: [information@genesisair.com](mailto:information@genesisair.com)

### CenterPoint Technology

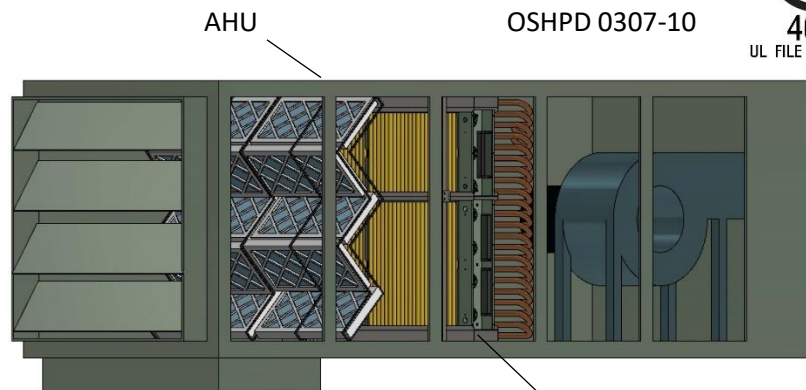
#### Step 2: UVGI Lamps...

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

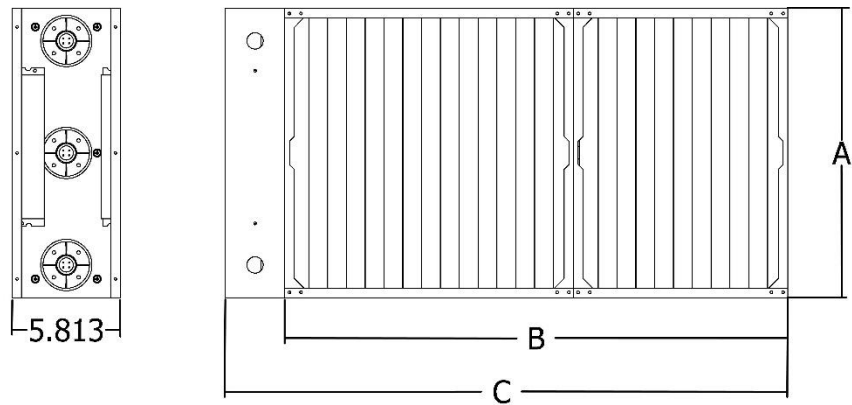
**Genesis Air, Inc.**  
5202 CR 7350 Suite D  
Lubbock, TX 79424  
Phone: 806-745-7000  
Web: [www.genesisair.com](http://www.genesisair.com)

#### 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.



Free Standing Rack



**PCP Size Chart**

Model	A (inches)	B (inches)	C (inches)	Number of Lamps	Lamp Length	Current (Amps)
1212	11.5	12	14.938	2	12"	0.32
1216	11.5	16	18.938	2	16"	0.42
1220	11.5	20	22.938	2	20"	0.70
1221	11.5	21	24.063	2	20"	0.70
1224	11.5	24	26.938	2	24"	0.88
1228	11.5	28	30.438	2	28"	0.92
1232	11.5	32	34.438	2	31"	1.12
1233	11.5	33	35.938	2	31"	1.12
1236	11.5	36	38.438	2	36"	1.34
1237	11.5	37	39.688	2	36"	1.34
1240	11.5	40	42.438	2	40"	1.48
1241	11.5	41	43.563	2	40"	1.48
1244	11.5	44	46.438	2	44"	1.50
1245	11.5	45	47.563	2	44"	1.50
1246	11.5	46	48.938	2	44"	1.50
1248	11.5	48	50.438	2	48"	1.62
1252	11.5	52	53.938	2	51.5"	1.82
1253	11.5	53	55.438	2	51.5"	1.82
1256	11.5	56	57.938	2	55"	2.02
1257	11.5	57	59.438	2	55"	2.02
1259	11.5	59	61.688	2	59"	2.30
1260	11.5	60	61.938	2	59"	2.30
1261	11.5	61	63.438	2	59"	2.30
1262	11.5	62	64.188	2	59"	2.30
1612	15.5	12	14.938	3	12"	0.48
1616	15.5	16	18.938	3	16"	0.63
1620	15.5	20	22.938	3	20"	1.05
1621	15.5	21	24.063	3	20"	1.05
1624	15.5	24	26.938		24"	1.32

Model	A (inches)	B (inches)	C (inches)	Number of Lamps	Lamp Length	Current (Amps)
1628	15.5	28	30.438	3	28"	1.38
1632	15.5	32	34.438	3	31"	1.68
1633	15.5	33	35.938	3	31"	1.68
1636	15.5	36	38.438	3	36"	2.01
1637	15.5	37	39.688	3	36"	2.01
1640	15.5	40	42.438	3	40"	2.22
1641	15.5	41	43.563	3	40"	2.22
1644	15.5	44	46.438	3	44"	2.25
1645	15.5	45	47.563	3	44"	2.25
1646	15.5	46	48.938	3	44"	2.25
1648	15.5	48	50.438	3	48"	2.43
1652	15.5	52	53.938	3	51.5"	2.73
1653	15.5	53	55.438	3	51.5"	2.73
1656	15.5	56	57.938	3	55"	3.03
1657	15.5	57	59.438	3	55"	3.03
1659	15.5	59	61.688	3	59"	3.45
1660	15.5	60	61.938	3	59"	3.45
1661	15.5	61	63.438	3	59"	3.45
1662	15.5	62	64.188	3	59"	3.45
2012	19.5	12	14.938	3	12"	0.48
2016	19.5	16	18.938	3	16"	0.63
2020	19.5	20	22.938	3	20"	1.05
2021	19.5	21	24.063	3	20"	1.05
2024	19.5	24	26.938	3	24"	1.32
2028	19.5	28	30.438	3	28"	1.38
2032	19.5	32	34.438	3	31"	1.68
2033	19.5	33	35.938	3	31"	1.68
2036	19.5	36	38.438	3	36"	2.01
2037	19.5	37	39.688	3	36"	2.01
2040	19.5	40	42.438	3	40"	2.22
2041	19.5	41	43.563	3	40"	2.22
2044	19.5	44	46.438	3	44"	2.25
2045	19.5	45	47.563	3	44"	2.25
2046	19.5	46	48.938	3	44"	2.25
2048	19.5	48	50.438	3	48"	2.43
2052	19.5	52	53.938	3	51.5"	2.73
2053	19.5	53	55.438	3	51.5"	2.73
2056	19.5	56	57.438	3	55"	3.03
2057	19.5	57	59.438	3	55"	3.03
2059	19.5	59	61.688	3	59"	3.45
2060	19.5	60	61.938	3	59"	3.45
2061	19.5	61	63.438	3	59"	3.45
2062	19.5	62	64.188	3	59"	3.45

Model	A (inches)	B (inches)	C (inches)	Number of Lamps	Lamp Length	Current (Amps)
2412	23.5	12	14.938	4	12"	0.64
2416	23.5	16	18.938	4	16"	0.84
2420	23.5	20	22.938	4	20"	1.40
2421	23.5	21	24.063	4	20"	1.40
2424	23.5	24	26.938	4	24"	1.76
2428	23.5	28	30.438	4	28"	1.84
2432	23.5	32	34.438	4	31"	2.24
2433	23.5	33	35.938	4	31"	2.24
2436	23.5	36	38.438	4	36"	2.68
2437	23.5	37	39.688	4	36"	2.68
2440	23.5	40	42.438	4	40"	2.96
2441	23.5	41	43.563	4	40"	2.96
2444	23.5	44	46.438	4	44"	3.00
2445	23.5	45	47.563	4	44"	3.00
2446	23.5	46	48.938	4	44"	3.00
2448	23.5	48	50.438	4	48"	3.24
2452	23.5	52	53.938	4	51.5"	3.64
2453	23.5	53	55.438	4	51.5"	3.64
2456	23.5	56	57.938	4	55"	4.04
2457	23.5	57	59.438	4	55"	4.04
2459	23.5	59	61.688	4	59"	4.60
2460	23.5	60	61.938	4	59"	4.60
2461	23.5	61	63.438	4	59"	4.60
2462	23.5	62	64.188	4	59"	4.60