

Genesis Air™ 2008 PCP Standard



The **PCP Standard** catalyst panel can be installed in an AHU supply or return. It has a remote ballast system for more convenience in installation. It is scalable to fit most applications. It requires coordination with air handling unit manufacturer for size, configuration and electrical power connections.

GENESIS AIR Photocatalysis GAP™

Providing Environmentally Sound Engineered Solutions for
Indoor Air Quality

- Reduces Smoke and Odors
- Reduces Airborne Biologics
IE: Mold Spores, Bacteria,
VOCs and many other
Irritants.
- Reduces Carbon Monoxide
- Continuous Protection



Special Features:

- Non-ozone producing lamps
- Multi panel configurations
- Weight 8.8 lbs
- Voltage: 115 60 hertz
- Amps: 1. per panel
- 23.5in X 23.5in X 5.5in

Genesis Air's GAP™ technology (patent pending) often eliminates the need for costly HEPA and carbon filtration. Genesis Air units do not produce ozone.

GAP™



Capture

Step 1: Merv Filtration...

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

Visit our web site:

www.genesisair.com

Clean

Step 2: UVGI Lamps...

GAP™ uses ultraviolet light to energize the photocatalyst and cleans surfaces.

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Convert

Step 3: Photocatalysis...

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