



Pure Air

Because Daikin Cares

Photo-Catalytic Oxidation Technology in Ducted Fan Coil Units



Comfort

- ✓ Breathing clean air is one of the joys of life and is certainly a major health benefit. **Clean air** delivered at the right humidity and in the right place is a perfect foundation for optimal comfort.
- ✓ Daikin's new technologies filter out particles, allergens and unpleasant odours to deliver clean air for you to breathe and so optimizing your comfort levels and **reducing health risks**.

Energy Efficiency

- ✓ It would not be a Daikin product if it had anything less than the highest level of energy efficiency. Like all our products and systems, our systems are highly energy-efficient.

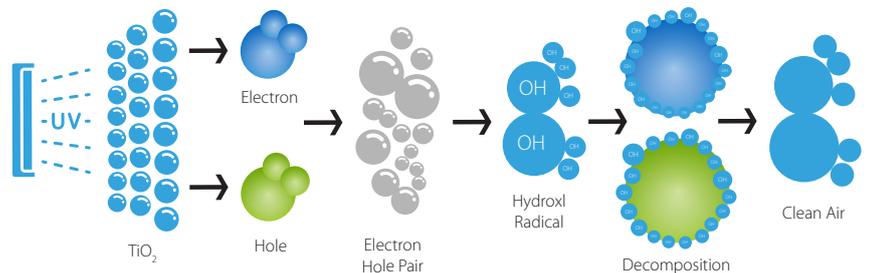
Reliability

- ✓ Daikin products are renowned for their reliability. And you can rely on service to match.

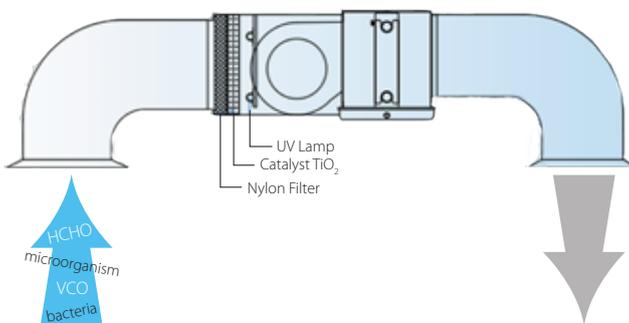
Photo-Catalytic Oxidation Technology

Features

- Photo-catalytic oxidation (PCO) utilizes ultraviolet radiation to create highly reactive hydroxyl radicals and super-oxide ions on the surface of a metal oxide catalyst
- Biological contaminants coming in to contact with the hydroxyl radicals are oxidized and decomposed
- Volatile organic compounds (VOCs) are converted to simpler chemicals, carbon dioxide and water



Unit Configuration



Applicable Models: FWW-VC/C/F/H/DA
Power Supply: 220-240V/1Ph/50Hz & 60 Hz

Benefits

- Effective against biological contaminants and volatile organic compounds
- Equipped with multiple high-power UV lamps and metal plate TiO_2 filter to ensure effective purification
- As a photocatalytic raw material, TiO_2 adopts high-temperature film-forming coating technology to give full play to its photocatalytic effect
- The accessory does not load or become consumed and does not require the periodic replacement, replacement or maintenance required for UV lamps only

Retrofit Kit Option available for existing installation

Advantages

- Replacing the existing return air plenum by new return air plenum with PCO technology installed
- Minor modification on the unit wiring

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