



Founded in 1874, YORK is the world's largest independent supplier of heating, ventilation, airconditioning and refrigeration equipment.

Our wide breadth of product lines range from the smallest residential air-conditioners to the largest chillers used to cool the tallest buildings, provide life-support systems in the deepest diving ocean submarines, and enable critical process cooling in the petrochemical, pharmaceutical and micro-electronics industries of the world.

YORK has been chosen by world-renowned organizations customers including the National Theatre of China, the US Capitol, the Kremlin, the Sydney Opera House, the Trans-Channel Eurotunnel, the Hong Kong Convention & Exhibition Centre, the Kuala Lumpur City Centre and Taipei 101, the world's tallest building.

YORK's Commitment · Superior Quality · Excellent Service · Distinctive Technology

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YORK
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Indoor Air Disinfection Technology



*Create healthy indoors,
Bring nature indoors for you*





A breath of pure, fresh air...



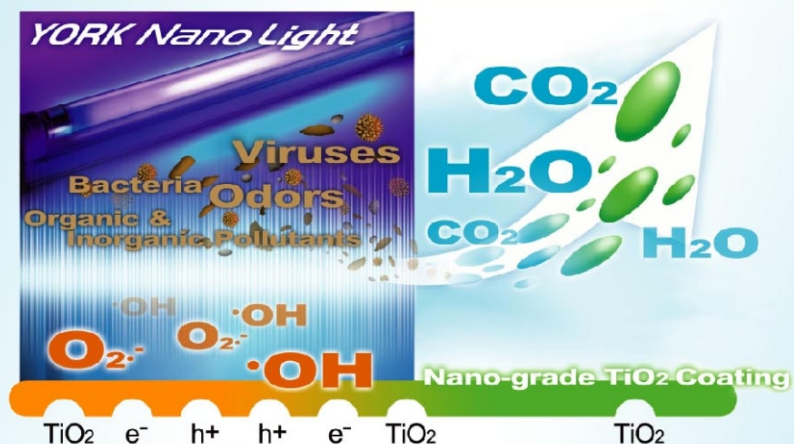
Experience the Security & Health!

"Healthy Air" TiO_2 photocatalysts are both green and currently the most effective disinfection solution available today. We make use of advanced photocatalytic oxidation technology, with nano-grade titanium dioxide (TiO_2) as the catalyst. When the titanium dioxide (TiO_2) substrate absorbs high-performance YORK nanolight, it produces hydroxyl radicals ($\cdot\text{OH}$) and super-oxide ions (O_2^-). When air flows through, the pollutant particles encounter the aggressive hydroxyl radicals ($\cdot\text{OH}$) and super-oxide ions (O_2^-), then oxidize and disintegrate into harmless carbon dioxide and water.



This type of air purification process can kill virtually all airborne bacteria, viruses and other pathogens, disintegrate volatile organic compounds and non-organic gaseous pollutants in addition to removing mold floating in the air, as well as smoke odors and offensive odors. Besides, no polluting by-products are created in the process, guaranteeing that the process is environmentally safe. The purification process is continuous and self-repeating, and does not consume any of the super-oxide ions from the titanium dioxide (TiO_2). The titanium dioxide substrate thus does not need to be replaced in the future, and will last indefinitely.

You can feel the clean air, and...



You can touch the ideal life!

YORK's air-conditioners have patent-pending state-of-the-art technology that deploys TiO_2 – currently the most effective indoor air purification solution in the world. This technology is the fruit of YORK's efforts to improve indoor air quality, and is concrete proof of YORK's concern for the environment.

- YORK is both a pioneer and industry leader in the use of nano-grade TiO_2 in airside systems for air conditioning, domestic or industrial centralized air-conditioning systems, and domestic split air-conditioners;
- A patent is pending on the application of nano-grade TiO_2 air disinfection technology, covering 125 countries across the globe;
- Research results from the Detection Centre of Microbiology, Guangdong, PRC, show that disinfection efficiency after 6 hours is well over 90%;
- The TiO_2 photocatalyst kills bacteria, and does not merely filter them;
- The photocatalytic reaction is environmentally friendly. Harmless CO_2 and H_2O are the only by-products of photocatalytic oxidation. In addition, there is no consumption of the nano-grade TiO_2 substrate at all, since it only acts as a catalyst;
- TiO_2 Indoor Air Disinfection System has a long-life nano-light that lasts 10,000 hours under normal conditions.

The YORK TiO_2 Health Air Sterilizer can kill virtually all harmful substances in the air, including bacteria, viruses and other pathogens, organic compounds and non-organic gaseous contaminants:

- Biological contaminants - bacteria, viruses, and other pathogens...
- Organic contaminants - volatile organic compounds (VOCs) such as formaldehyde, benzene, etc...
- Molds and fungi
- Inorganic gaseous contaminants - NO_x , SO_x ...
- Smoke odors and other offensive odors



Can you feel it now?



*The cool sea breezes
The fresh forests after rain
The breathtaking mountains & innocent streams
YORK's nano-grade photocatalytic health air sterilization technology
Makes the air pure again*



The TiO₂ Indoor Air Disinfection System comes with our minisplits, fancoils and air handling units (AHU) as option. We also offer retrofit kit for improving air quality in existing installations.

YGCC series Centralized Residential Air-conditioning System

Delivers fresh air and comfort to the home. Comprehensive heat controls deliver comfortable warmth; quick-to-respond chilling controls deliver comfortable cold. The airflow in different areas can be adjusted independently. High-performance and energy-efficient, creates a healthy indoor environment.



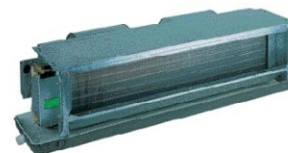
Mini-split Air-conditioning System

Flexible design, health and comfort. High-performance and energy-efficient, reliable and durable, easily maintained.



YGFC series Fan Coil System

Rigorous design, contemporary styles, high-performance and energy-efficient, quiet operations, safe and reliable, easily maintained.



Air Handling Units

Modular design for flexibility, aesthetic appearance, good stability, high durability, ease-of-maintenance and installation.

