



Gas Phase Air Cleaning Technology

Optimize ventilation. Cut energy.
Lower emissions.

REDUCE COSTS	SAVE ENERGY	INSTALL EASILY
IMPROVE AIR QUALITY	EARN LEED/WELL POINTS	REDUCE CARBON

Save Money, Energy & Emissions

Reducing outside air requirements enables building owners to install smaller, less expensive HVAC systems that use less energy and operate more efficiently. Gas-phase filtration can also be used to earn LEED and WELL points.

NEW CONSTRUCTION & RETROFIT SOLUTIONS FOR COMMERCIAL BUILDINGS

Gas phase air cleaning technology can be deployed across a broad range of commercial buildings and space types. Available in various form factors, this technology can be applied cost effectively for both retrofit and new construction projects providing significant opportunities to leverage the technology to generate considerable benefits.

FULL COMPLIANCE WITH BUILDING CODES

Reducing outside air using gas-phase filtration fully complies with ANSI/ASHRAE Standard 62.1, Section 6.3 (IAQ Procedure or IAQP) and the International Mechanical Code. By using ASHRAE's performance-based IAQP rather than the prescriptive Ventilation Rate Procedure (VRP), engineers can calculate a minimum ventilation rate that accounts for the benefits of compliant air cleaning systems to optimize cost, efficiency and IAQ.

SCHOOLS/ DAYCARE	OFFICES
CONDITIONED WAREHOUSES	RETAIL
ARENAS	LIBRARIES
MEDICAL OFFICE & OUTPATIENT	ASSEMBLY HALLS

Various Application Types



SIMPLE TO INSTALL WITH ALL HVAC SYSTEM TYPES

Standalone GPC modules with gas phase air cleaning inside come in a variety of form factors enabling easy integration with all types of commercial HVAC systems. Additionally, this technology can be directly integrated inside HVAC equipment providing a simple, streamlined application.

THE SCIENCE BEHIND GAS PHASE AIR CLEANING TECHNOLOGY

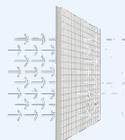
The core of the technology is a unique sorbent media blend that has a high cleaning efficiency and long lifetime for all 14 design compounds that must be controlled to comply with ASHRAE 62.1 IAQ Procedure.

MEDIA BLEND



Sorbent media blend addresses all ASHRAE defined contaminants

SORBENT FILTERS



Sorbent media is loaded into sorbent filters

GPC MODULES



4-12 sorbent filters installed in GPC modules

FOR MORE INFORMATION ABOUT OUR COMPLETE OFFERING OF HVAC SYSTEMS AND SOLUTIONS, VISIT DAIKINAPPLIED.COM TO FIND AN OFFICE NEAR YOU.