Lab Demand Control Ventilation **AQ**GARDTM

Purpose-driven ventilation for healthy, sustainable buildings

Today's Megatrends

Transformative changes are reshaping the world around us and are having an impact on how Life Sciences and Critical Environments operate. Today's megatrends present challenges, but more importantly, they offer new opportunities to intelligently reduce operating costs, create long-term resilience, establish safe and healthy environments, reduce carbon footprints, and more.



Resilience

Increasing energy costs, new technologies, and ESG principles / priorities drive focus on energy efficiency, green labs, sustainability, and resilience



Building technologies create safer, healthier work environments that protect employees, customers, partners, and research



Real-time information and advanced analytics improve operations and efficiencies, while improving innovation and time to market



Key Factors

A culture of digital innovation allows life science organizations to anticipate, plan for, and respond to market dynamics as well as: · Corporate + administrative goals

- Carbon taxes
- Electrification
- Utility incentives · Environmental, social, and
- governance initiatives



Prioritize employee wellbeing through:

Key Factors

• Indoor air quality (IAQ)

- Ventilation Attracting and retaining talent
- Al and analytics



Key Factors Integrate digital technology into all

areas of the life science operation to: Energy and operational efficiency

- Monitoring and compliance Create transparency
- Predict downtime and improve
- availability Improve lab quality and productivity

$\mathbf{AQGARD}^{\mathsf{TM}}$ at the intersection of IAQ and sustainability

Deep energy savings (as much as 60%)

Industry-leading platform for ventilation management



goals + mandates Accurate IAQ for the life of the building

insights

Address environmental

Sustainable, optimized ventilation control **Actionable, data-driven**



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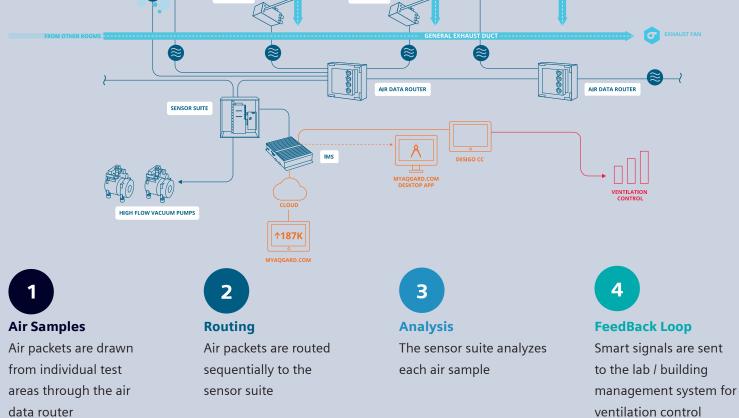
Powerful occupant

communications



safer, and healthier work environment by having a positive impact on indoor air quality – which has been proven to

improve cognitive function, reduce sick days, and protect occupants from airborne hazards / particulates.



sustainable buildings

Accurate for life of your building

Sensors swapped every 6 months | True differential sensing

AQGARD™: Purpose-driven ventilation for healthy,



Active control

More than simply collecting data | Smart ventilation signal

Seamless BMS integration | Energy efficiency | Carbon footprint improvements

Assurance program for all components | Zero owner maintenance responsibility



Smart communication

herein. Siemens reserves the right to modify the technology and product

specifications in its sole discretion without

Simple / powerful IAQ and energy savings | Analytics for building operators Confidence for occupants | API integration available

Legal Manufacturer