Architen ETFE System

Remote Monitoring

Live pressure and performance data for your ETFE cushion roof, from anywhere - available as an optional extra.

Worldwide
Web access to system status

Every minute
Pressure & blower data logged

SIM / Ethernet
Connectivity options

BMS ready
BACnet & Modbus compatible

Remote monitoring is available as an optional extra for your ETFE cushion air handling system: a comprehensive feature designed to enhance efficiency, reliability and peace of mind. Here's a detailed explanation of the capabilities and benefits.

Integrated remote monitoring

Global access: Both your team and ours can access the system's status from anywhere in the world through a web interface. This ensures flexibility and immediate access to crucial information.

Email alerts: Any abnormal behaviour is promptly reported via email, enabling swift identification and resolution of potential issues.

Key features

Real-time data logging: The system records pressure and blower performance minute by minute, which is invaluable for ensuring the system operates within its optimal parameters.

System settings and pressure set points: Regular documentation of these values helps in maintaining the efficiency and reliability of the system.

Performance trends: Over time, the collected data builds a comprehensive view of the system's performance. This is crucial for identifying trends and diagnosing long-term issues before they escalate.

Proactive alerts: The system is configured to alert key contacts about any behaviour that deviates from predefined parameters, ensuring timely interventions.

Active monitoring option: Under the Maintenance Service Agreement, our team can take an active role in monitoring your system. This proactive approach aims to identify and resolve issues before they lead to preventable problems.

Maintenance Service Agreement

Added security: For those seeking additional reassurance, we offer a Maintenance Service Agreement. This service provides an extra layer of oversight, ensuring that your system operates smoothly and efficiently.

Connectivity options

SIM card or Ethernet: The system offers flexibility in connectivity, allowing it to be powered by either a SIM card for wireless communication or a hardwired Ethernet connection. This ensures reliable data transmission regardless of the site's infrastructure.

BMS integration: The system includes volt-free status output contacts that can be interfaced with a wide variety of BMS systems, including those which use BACnet or Modbus.



This integrated approach to monitoring and maintenance helps keep your ETFE cushion air handling system in peak condition, minimising downtime and extending the lifespan of your roof. Whether you're dealing with unexpected weather conditions, conducting regular checks or ensuring the system operates within its optimal parameters, our remote monitoring and maintenance services provide the tools and support you need.

For more information, talk to our Maintenance Team

maintenance@architen.com