

OJ Air Cloud® for AHU and ventilation control



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- Have instant error notification
- Troubleshoot via cloud
- Enjoy full remote support
- Reduce service cost
- Minimise Carbon footprint

Improve AHU and ventilation control with OJ Air Cloud®

OJ Electronics' offers a cloud-based system developed especially for customers, using OJ AHU controllers. The system is called OJ Air Cloud® and it aims to assist facility managers, working to ensure more hours of flawless ventilation performance. The target is to provide a healthier working environment for people inside the building, and to give facility owners happier tenants, enjoying higher productivity and fewer sick days among their staff.

Be notified instantly when performance deviates

In the event indoor climate in your building deviates from your set standard, or in case energy consumption increases due to poor ventilation system performance, you immediately receive an e-mail with information about the deviation, allowing you to take action right away.

Troubleshoot directly via cloud

The OJ Air Cloud® helps you reduce AHU system downtime by enabling quicker, easier, and smoother troubleshooting than ever.

Enjoy full remote support

Accessing the OJ-Air2 webserver remotely through the secure OJ Air Cloud® allows your busy service partner or faraway manufacturer specialists to act as technical back up for the on-site service crew.

Reduce cost of service

Fine-tuning system operation through remote access saves time – not only for you. Your service partner is spared several hours of driving in his van, as the advanced remote access to details about imminent ventilation system issues, allows him to assess if a visit is needed. And if so, to prepare accordingly, get the right spare parts ready, and pack necessary components in the service van.

Minimise Carbon footprint

A well-maintained ventilation system always keeps the energy consumption on track, avoiding excessive utility costs, and keeping the CO2 emissions at a minimum.



Fig. 1. Dashboard view



Fig. 2. Map view

Functions and features

Dashboard view

The 'dashboard view' function allows you to monitor AHU systems on your preferred device – PC, tablet and/or smartphone.

Map view

OJ Air Cloud® enables you to access a feature called 'map view' via your PC. Map view provides a visual overview, displaying the physical locations of all your AHU systems connected to the cloud.

Devices

You can render a visual overview of all AHUs connected to your OJ Air Cloud® account – either through the 'dashboard view' or the 'map view' menus.

Device view

When you select a specific system from the 'Devices' menu, the 'device view' function is accessible. This allows you to view several vital data – e.g., operation mode, temperature regulation mode, and other useful parameters when monitoring your AHU systems. All to help ensure continuous and optimal operation.

The 'device view' function allows you to access the following information:

- Full remote access
- Alarm/notification overview
- User action logs
- Config device
- Device operation
- Scheduler
- Device users
- Table view
- Graph overview
- Trending and logging

API / Cloud to Cloud

The OJ Air Cloud® solution offers an API, allowing users to access the data in the database directly.

Secure connection through encryption

All data sent to and from the OJ Air Cloud® system are handled via secure connections. Communication is encrypted and the system utilises the most recent HTTPS/TSL technology.

GDPR compliant

The OJ Air Cloud® solution complies with the EU regulations on General Data Protection (GDPR).

Supported products

OJ Air Cloud® works with the whole AHC-3000 range and OJ-Air2 produced with Software 5.xx or higher.