

AIRLINQ ONLINE API

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**AIRLINQ ONLINE API**  
**- we build bridges for**  
**BMS integration**

**AIRMASTER®**  
ventilation in balance

# Airlinq Online API

## Newly-developed interface between Airmaster ventilation units and building management systems

*Airmaster introduces newly developed API which makes it easy and economically attractive to integrate the control of Airmaster ventilation units with BMS.*

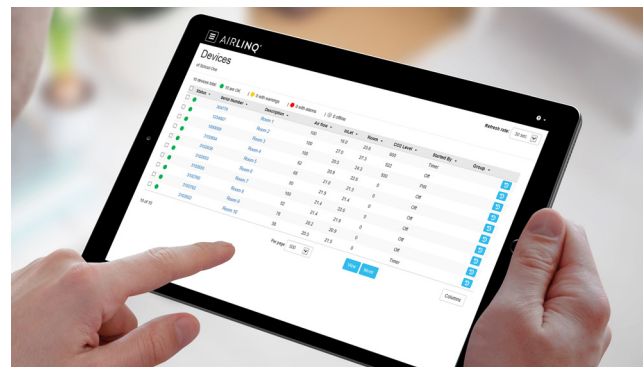
Airmaster decentralised ventilation units are stand-alone ventilation units with their own controls which provide individual rooms with ventilation, heat recovery and a high level of comfort.

Back in 2016, Airmaster introduced a cloud-based solution where the units are connected in the “cloud”, where they are controlled and monitored via Airmaster’s Airlinq Online platform. Thousands of units are already connected to this platform.

Airmaster’s Airlinq Online solution has now been expanded to include a newly developed API, so that control and monitoring can ALSO be done via a traditional building management system, without investment in expensive communication modules such as KNX®, BACnet™ and the like.

### THERE ARE MANY ADVANTAGES TO THIS:

- Airmaster can still support and monitor units via Airlinq Online
- Users and technicians can choose whether to use the user interface from Airlinq Online or from the BMS supplier to control and monitor Airmaster ventilation units
- Joint control of, for example, signals for the temperature in the room – saves energy and provides comfort as the systems do not work against each other
- The building management system is alerted so that servicing can be planned efficiently and cost effectively



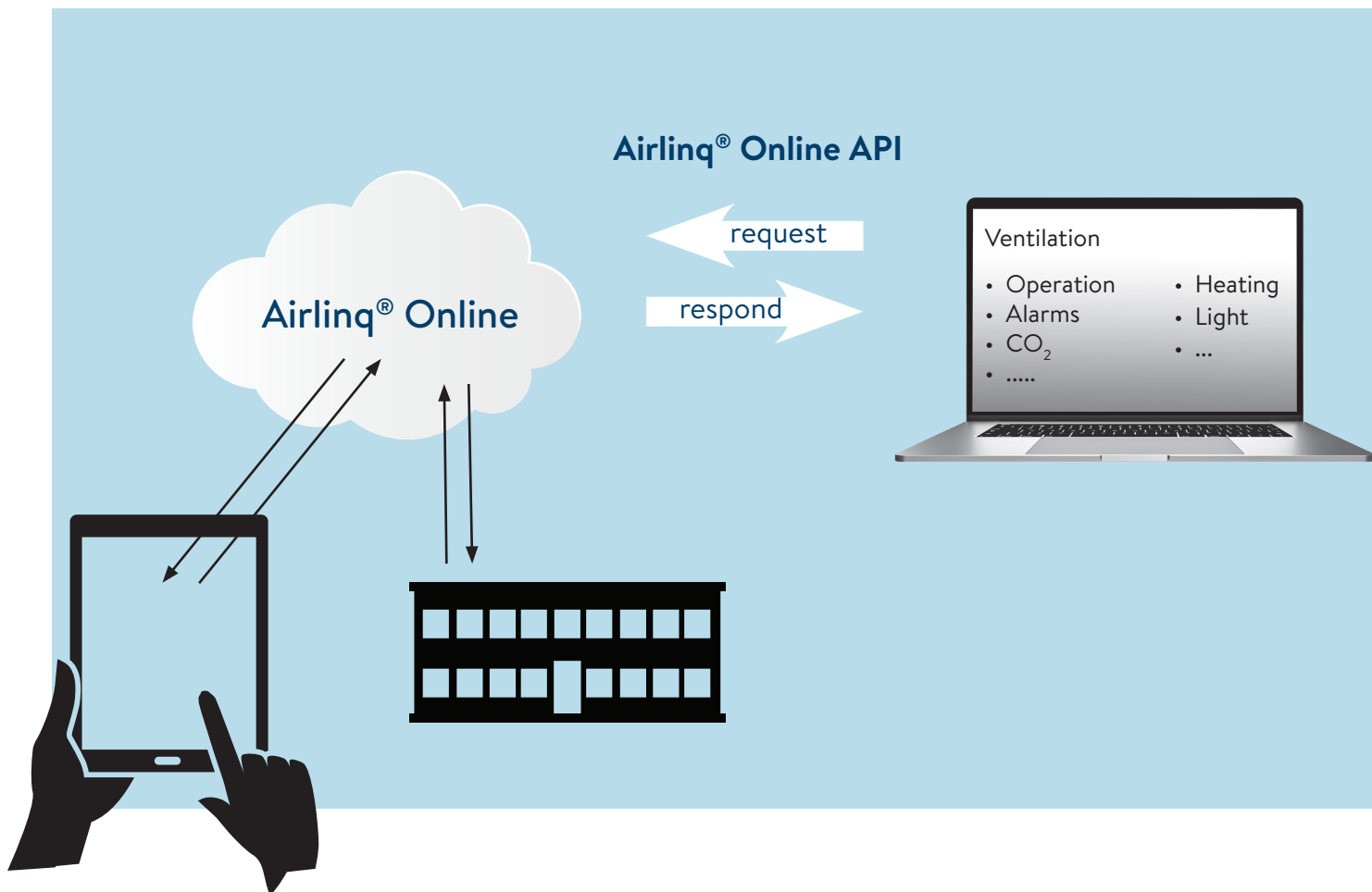
*Airlinq Online (cloud solution) has been making centralised management of Airmaster ventilation units possible since 2016.*

### WHO CAN USE AIRLINQ ONLINE API?

All customers who have Airmaster ventilation units installed in the future or who already have Airlinq Online access installed in their Airmaster ventilation units can now have the API made available to them. It just requires a user login.

To be able to communicate with your BMS, it also requires that the BMS is able to access a WEB API.

Additional technical documentation can be found in this online catalogue: <https://api.airlincq.eu/swagger>



#### HOW CAN THE API BE USED?

Using the Airlinq Online API, the desired features of Airlinq Online can be integrated into a BMS to achieve a platform that contains the information you require in order to be able handle everyday life in a simple way.

The Airlinq Online API is thus a tool for fulfilling individual wishes for control and management of ventilation, together with lighting, heating and other installations in the building.

#### YOU CAN USE THE API TO

- design your own platform
- design a platform with multiple systems integrated such as light, heat and ventilation
- integrate simple parameters, e.g. alerts and alarms on dashboards
- create a simple view of how the ventilation unit is operating

#### EXAMPLES:

##### OPTIMISATION OF COMFORT IN THE ROOM

*The BMS sends a message to the heating system to reduce the temperature of the room by two degrees.*

This message is simultaneously sent to the Airmaster ventilation unit, which does the same so that the ventilation unit does not try to take over the heating of the room.

The cooperation between heat and ventilation optimises the quality of the indoor climate and is energy efficient at the same time.

##### OPTIMISATION OF SERVICING

*The residual life of filters is downloaded into the BMS. Along with any other alerts from the other technical installations, servicing can be planned most expediently.*

# AIRMASTER®

ventilation in balance

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