ZoneEase™ VAV

The most innovative solution to simplify the commissioning process.
Enhance user experience via cloud commissioning

Belimo ZoneEase™ VAV reduces project complexity and downtime as well as increasing connectivity, data transparency and cost-efficiency.

A Comfortable Solution You Can Trust

**Tested quality:** To ensure ZoneEase™ VAV can perform to the highest levels of quality and reliability, it was tested in a dedicated thermal chamber in Belimo's headquarters.

**Full traceability:** ZoneEase™ VAV is made traceable from the moment it leaves the factory, allowing customers to instantly monitor progress.

**Quiet but quick:** ZoneEase™ VAV runs quietly during normal operation. When customers initiate a boost request, it runs at maximum speed.

**CO₂ quality sensor:** Installation of an optional CO₂ sensor allows advanced zone air quality monitoring.

Ease of Use and Quality Response

**Mobile tool:** Our user-friendly app helps users to monitor, configure, and control individual VAV controller actuators directly at the room unit, ceiling sensor or actuator using NFC technology.

**Health analysis:** Health and fault analysis of VAV system provide better insights of the VAV condition.

Transparency to Solve Real Issues

**Complete system data:** All system data is stored in the cloud; access to this data is safeguarded with a user account and password.

**Fan Optimization:** ZoneEase™ VAV detects and flags insufficient duct statics over BACnet.

**Certified partners:** Our Belimo Certified Partner Program promotes professionalism and quality deployment of VAV systems.

Reduced Risk of Downtime

**Quick changes:** Changing design data, such as Vmin and Vmax, or temperature calibration is simple using our password-protected app at the room unit/sensor.

**Fast service:** Belimo Certified Partners as well as cloud and app technology allow faster service.
Simplify the commissioning process

Swiss quality ZoneEase™ VAV can be connected by common BACnet MSTP protocol, optimizing zone comfort through intelligent control.

1. System integrators enter and upload all configurations at their office to the cloud system.
2. Installers tap their smartphones easily to the room unit or actuator (powered/ powerless).
3. All authorized users will be able to view the progress on the cloud anytime, anywhere.
4. Installers login and configurations are automatically synchronized to their smartphones on site.
5. The Belimo ZoneEase™ VAV has all the planned configurations. VAV works!
Products at a Glance

### ZoneEase™ BACnet VAV Actuator
- 5Nm actuator based on LC technology
- Integrated pressure sensor D3 (-20 to 500Pa), +/- 5% of measured value (20 to 500Pa)
- +/- 1Pa (-20 to 20Pa)
- Pluggable terminals for easy connection
- NFC access to the system
- BACnet MS/TP communication
- MP master
- Analog input for CO2 sensor
- 3 digital output signals for fan/heater control*

* Feature apply to LMV-BAC-002 only

### ZoneEase™ Wall-mounted Room Unit/
### ZoneEase™ Ceiling-mounted Room Unit
- Boost / ECO mode
- Big LCD display
- Buttons to set temperature and modes
- MP communication with the actuator
- NFC access to the system
- Digital input signal for presence sensor#

* Feature apply to 22RT-A001 and 22RT-A003

# Feature apply to 22RT-A001 and 22RT-A003

Visit us at ZoneEase.cloud.belimo.com

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