Commissioning at your finger tips.

Belimo ZoneEase™ VAV

Belimo ZoneEase™ VAV is the most innovative VAV-solution that simplifies the commissioning process. It provides commissioning support via the cloud to enhance the user experience and reduces project complexity and downtime while increasing connectivity, data transparency and cost-efficiency.

- A Comfortable solution you can trust
- Ease of use and quality response
- Transparency to solve real issues
- Reduced risk of downtime

→ Visit us at **belimo.com**

BELIMO®

Enhance user experience via cloud commissioning.

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.
- **CO_2 quality sensor:** Installation of an optional CO_2 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 Optimisation:** 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.
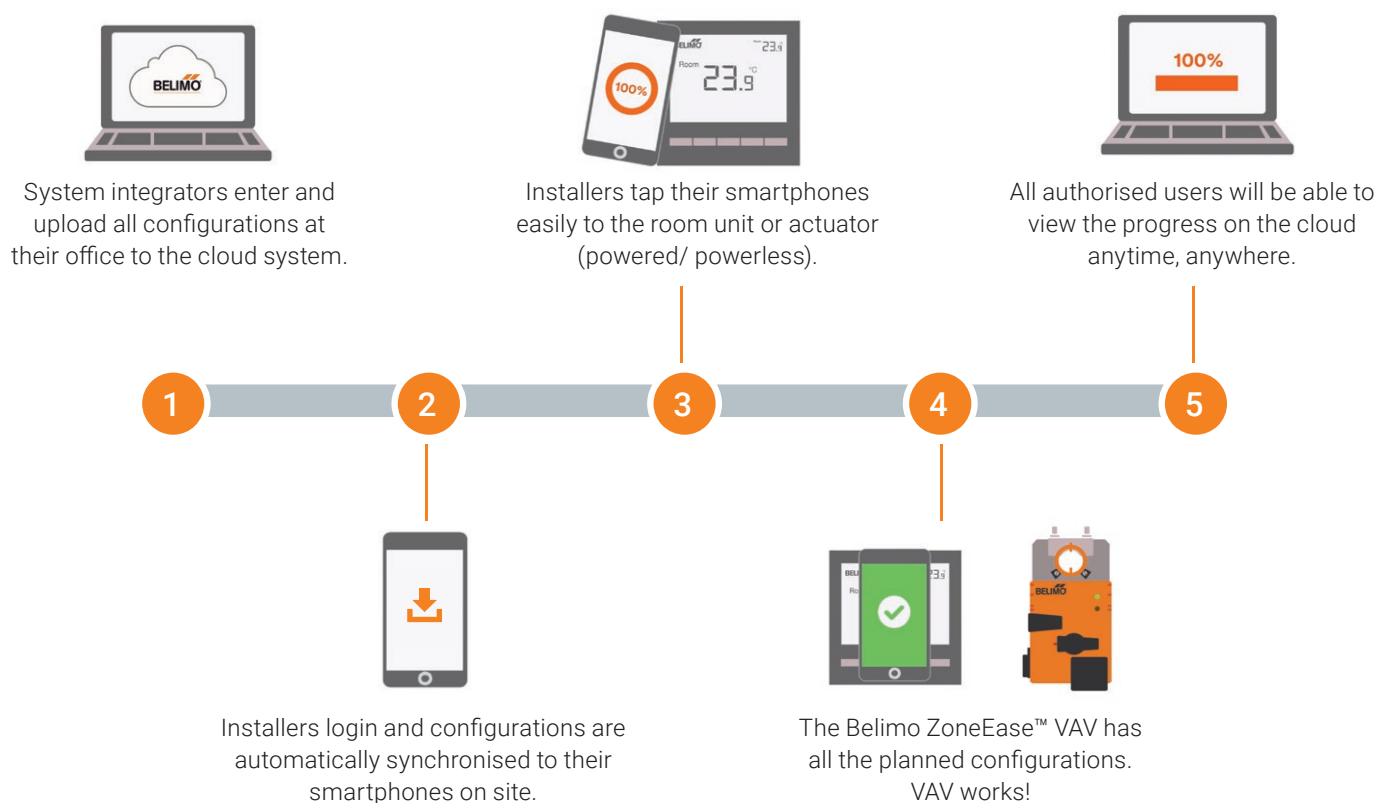
Reduced Risk of Downtime

- **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, optimising zone comfort through intelligent control.

System integrators enter and upload all configurations at their office to the cloud system.

Installers tap their smartphones easily to the room unit or actuator (powered/ powerless).

All authorised users will be able to view the progress on the cloud anytime, anywhere.

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Installers login and configurations are automatically synchronised to their smartphones on site.

The Belimo ZoneEase™ VAV has all the planned configurations. VAV works!

Products at a Glance

LMV-BAC-001   LMV-BAC-002

22RT-A001   22RT-A003   22RT-A002

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 CO_2 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

Visit us at
ZoneEase.cloud.belimo.com

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