Sophisticated solutions for perfect room comfort.

The new Belimo VAV-Compacts are now available in three rating classes from 5 to 20 Nm as well as with a 150 N linear actuator. They can be used in conjunction with different controllers as an «Open Loop» (only actuator and sensor) or with the air volume control integrated in the devices.

**Intelligent**
You can group up to eight VAV units together and connect them to higher-level field bus systems – including active and now passive temperature sensors as well – via the MP-Bus interface. That saves you a great deal of time and material during cabling. The certified LON types are available for connection to LonWorks® networks.

**Energy-saving**
The damper position analysis via the MP-Bus® allows the fans to be controlled as needed with the Belimo Fan Optimiser COU24-A-MP and their considerable energy consumption to be reduced by up to 50%.

This helps you to achieve better values, especially in respect to the future-oriented EU energy efficiency directives.

**Easy to use**
The expanded PC-Tool furthermore facilitates commissioning, service as well as the creation of trend recordings and protocols. Integrated LED controls allow easy diagnostics on site. The new VAV-Compacts can be operated with an auxiliary switch or a potentiometer. The accessories are identical for all devices.
VAV-Compact.
The new generation.

<table>
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<tr>
<th>Torque</th>
<th>MP Types</th>
<th>LON Types</th>
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<td>5 Nm</td>
<td>LMV-D2-MP</td>
<td>LMV-D2LON (5 Nm)</td>
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<td>10 Nm</td>
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<td>20 Nm</td>
<td>SMV-D2-MP</td>
<td>Direct connection to LoiWorks® networks</td>
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<td>150 N</td>
<td>LHV-D2-MP</td>
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- **MP types (standard)**
  - VAV variable air volume: 0...10 V / 2...10 V
  - CAV constant air volume: 24 V stage control, CLOSED / $V_{MIN} / V_{MAX}$ / OPEN
  - Bus functions: MP-Bus with connection of passive and active sensors
  - Expanded range for angle of rotation < 95° with torques of 5, 10, 20 Nm
  - Linear applications with 150 N
  - Backward-compatible

- **LON types (digital)**
  - LMV-D2LON (5 Nm)
  - NMV-D2LON (10 Nm)
  - Direct connection to LoiWorks® networks
  - Functional Profile #8110
  - Integration of active sensors via Open Loop Sensor Object #1

**Other system components**
- Room temperature controller CR24
- MP-Gateway
- UK24LON / UK24EIB
- Fan Optimiser
- COU24-A-MP

**Electronic accessories for MP and LON types**
- Auxiliary switch
- Potentiometer

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