

CRA24-B3 room controller.

Save energy, increase comfort.

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Better room climate in airtight buildings.

Save energy, protect the building substance and simultaneously increase the level of comfort in dwelling rooms – with Belimo's new CRA24-B3 room controller, you can finally realise this ambitious goal. Intelligent override functions automatically compensate pressure differences in steam vents or chimney exhausts and ensure that humid air is extracted without delay. This stand-alone controller provides particularly high energy efficiency in conjunction with VAV controllers and the Belimo Fan Optimiser.

Protect the building substance

The pressure conditions in energy efficient buildings with controlled, forced ventilation can vary considerably. This often has a negative impact on air hygiene. The stand-alone CRA24-B3 room controller is designed with special «kitchen» and «bathroom» inputs. When you switch on the steam vent or the chimney exhaust, these inputs make sure any pressure differences are compensated by the ventilation. And thanks to the «bathroom» override function, damp and unpleasant odours are reliably extracted. Damage to the building substance – such as problems with mould or fungi – is effectively eliminated.

Save energy

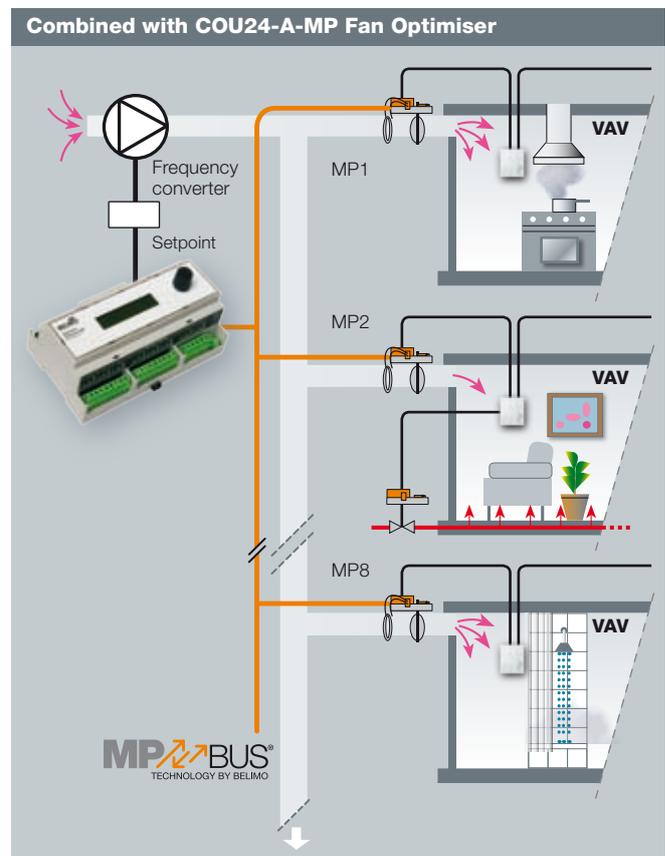
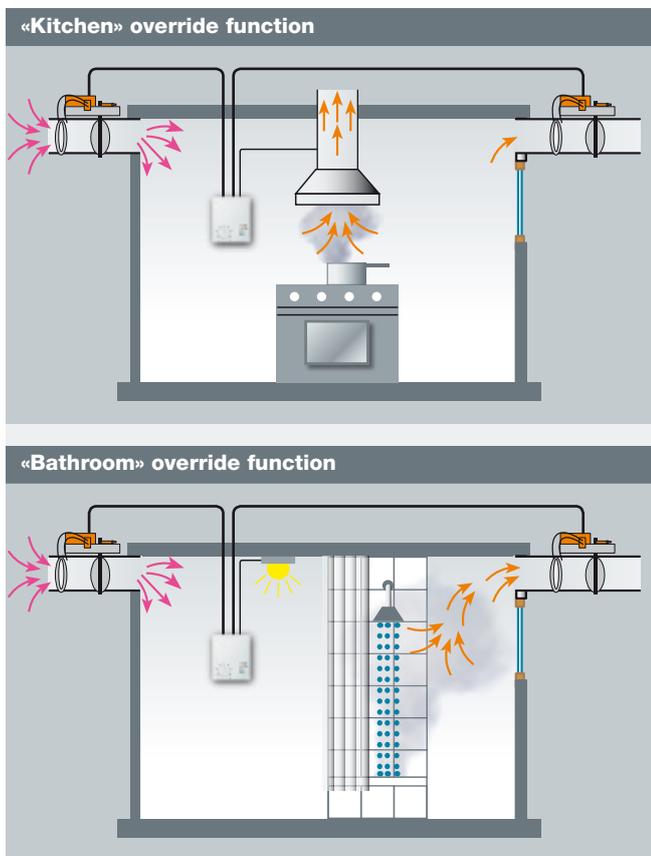
If you are planning to be absent for a long period, you can switch off the ventilation by means of the «energy hold-off» input. To guarantee a hygienic air exchange rate while you are away, the room is automatically ventilated for half an hour three times a day. The ventilation also cuts in automatically if the room temperature drops below 14°C.

Optimal system integration

The CRA24-B3 operates particularly efficiently in conjunction with Belimo VAV controllers, which can be combined over the MP-Bus® with the Belimo Fan Optimiser for demand based fan control. This facilitates further significant reduction in energy consumption.

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Stand-alone or integrated in the system.



Stand-alone applications

- Decentralised, single-room comfort control in apartments, hotels, etc.
- Controlled, forced ventilation for maximum energy efficiency
- «Kitchen» input: Compensation of pressure differences due to steam vents or chimney exhausts
- «Bathroom» input: Efficient exchange of humid or polluted air
- «Energy-Hold-Off» function: Saves energy by switching off the ventilation, monitors the room temperature and guarantees a hygienic air exchange rate
- Can be used to control VAV controllers or damper actuators as well as valves for underfloor heating systems and radiators

Combined in a VAV system with Belimo Fan Optimiser

- Connection of the VAV regulating devices to the central air conditioning over the Belimo MP-Bus
- Energy saving and reduced flow noise because supply and exhaust air fans are controlled according to demand based on the current damper positions of the VAV units
- Simple connection of room temperature controllers to the VAV units and lower wiring costs thanks to the Belimo MP-Bus network

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5-year
warranty



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the globe



Complete
product range



Tested quality



Short delivery
times



Comprehensive
support

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