



## RETROFIT KITS

### FOR VARIABLE VOLUME FLOWS OR V<SUB>MIN</SUB>/V<SUB>MAX</SUB> SWITCHING IN ROOM AIR CONDITIONING SYSTEMS

Actuators and installation accessories for mechanical self-powered CAV controllers Type EN, RN, or VFC, and flow adjustment dampers Type VFR

- Parts kits for easy retrofit
- Potentiometer or mechanical stops
- Supply voltage 24 V AC/DC or 230 V AC
- Control input signal: Signal voltage 0 - 10 V for modulating actuators
- Control input signal: 1-wire control or 2-wire control (3-point) for min/max switching
- Positive lock connection with CAV controller or flow adjustment damper

Optional accessories for Types RN and EN

- Auxiliary switch with adjustable switching points, for example for

capturing the end positions

## Application

### Application

Parts kits for the retrofit of mechanical self-powered volume flow controllers or flow adjustment dampers with actuators.

CAV controllers Type EN or RN, as well as for VFC

- Min/Max switching of volume flow setpoint values
- Variable adjustment of volume flow rate setpoints

Flow adjustment dampers Type VFR

- Min/Max change of the damper blade position

## Description

### Parts and characteristics

- Damper blade can take various positions
- Mechanical stops or potentiometers (only for Types VFC and VFR) to set the volume flow rates
- Supply voltage 24 V AC/DC or 230 V AC
- Switching between setpoint values or signal voltage range 0 – 10 V DC

## INFORMACIÓN TÉCNICA

### Actuators for volume flow controllers Type RN or EN

Part number	Quality	Supply voltage	Model	Identical to attachment
NR-VAV-B50	Min/Max switching, mechanical stops	24 V AC/DC	LMA24-F	B50
NR-VAV-B60	Min/Max switching, mechanical stops	230 V AC	LMA230-F	B60
NR-VAV-B70	Variable adjustment, mechanical stops	24 V AC/DC	LMA24-SR-F	B70
NR-VAV-S2	Auxiliary switch		S2A	B*2
NR-VAV-RNMAT	Installation accessories for RN			
NR-VAV-ENMAT	Installation accessories for EN			

Installation accessories for CAV controllers Type EN or RN are to be ordered separately

Retrofit kits for min/max switching or for the modulating adjustment of mechanical self-powered volume flow controllers in ventilation and air conditioning systems.

Retrofit kits for EN, RN, VFC, VFR

NR-VAV-B50



**Retrofit kit**

For Types RN and EN

- NR-VAV-B50** Retrofit actuator for min/max switching, identical to attachment B50
- NR-VAV-B60** Retrofit actuator for min/max switching, identical to attachment B60
- NR-VAV-B70** Retrofit actuator for variable adjustment, identical to attachment B70
- NR-VAV-S2** Retrofit auxiliary switch, identical to attachment B\*2

**NR-VAV-RNMAT** Installation accessories for RN

**NR-VAV-ENMAT** Installation accessories for EN

For Types VFC and VFR

- NR-VAV-E01** Retrofit actuator for min/max switching, identical to attachment E01
- NR-VAV-E02** Retrofit actuator for min/max switching, identical to attachment E02
- NR-VAV-E03** Retrofit actuator for variable adjustment, identical to attachment E03
- NR-VAV-M01** Retrofit actuator for min/max switching, identical to attachment M01
- NR-VAV-M02** Retrofit actuator for min/max switching, identical to attachment M02