MOTORISED DAMPERS

(electric motor)

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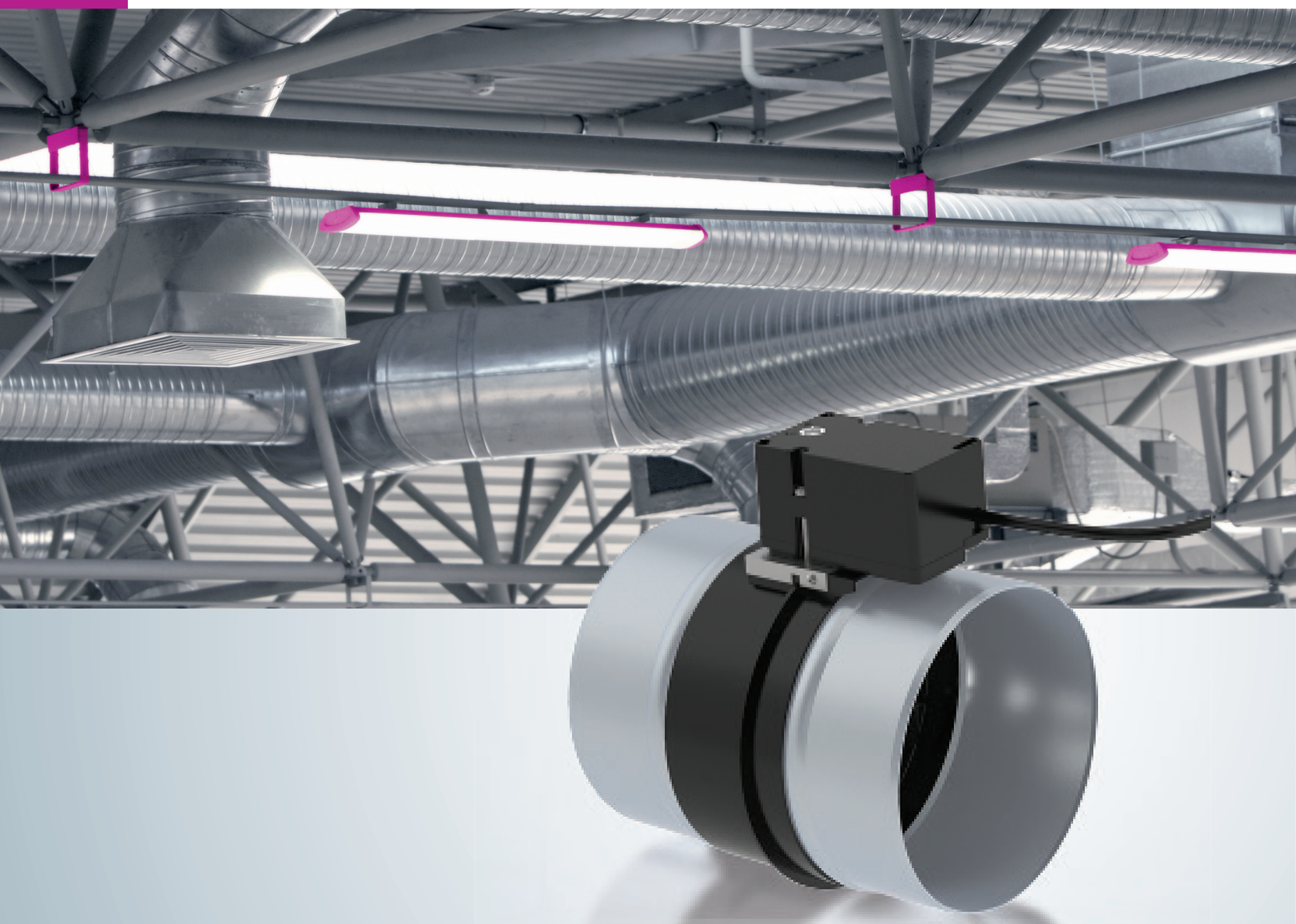

RM-ME

dia. 100 mm to 200 mm

230 V or 24 VAC/DC CONTROL

ELECTRIC MOTOR

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RM-ME

RM-ME motorised dampers are powered by an On/Off blade driven by an electric motor. They feature a 100 mm to 200 mm circular blade to shut off the flow of air in sections of ventilation and air conditioning systems.

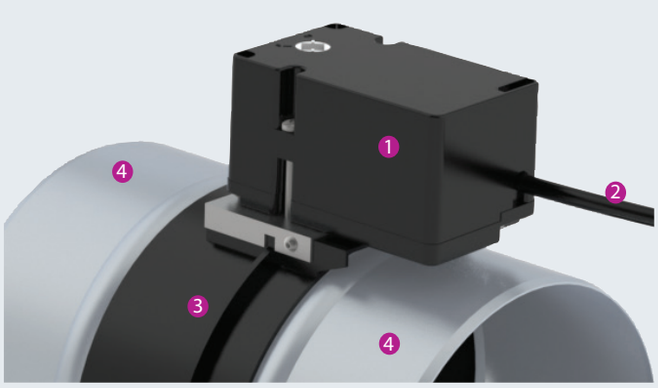
IMPORTANT

- On/Off air-flow control
- Spring return to original position and power off
- Galvanised steel casings
- Body and blade made of flame-retardant plastic (M1)

PRESENTATION

RM-ME motorised dampers have two positions: fully open (On) and fully closed (Off). The dampers are returned to their original position by a spring when the motor is powered off.

COMPONENTS



1. Electric motor unit
2. Connection cable (approx. length: 20 cm)
3. Body and blade made of plastic (class M1)
4. Galvanised steel casings

CHARACTERISTICS

- 230 V power supply (or 24 VAC/DC)
- Power consumption: 2.5 W (1.2 W at 24 VAC/DC)
- Operating pressure: P ≤ 200 Pa
- Number of duty cycles: 30,000
- Maximum operating temperature: 60°C
- Power cable: two 0.75 mm^2 wires
- Torque: 0.3 Nm

Response time	
Open	8 seconds
Close	8 seconds

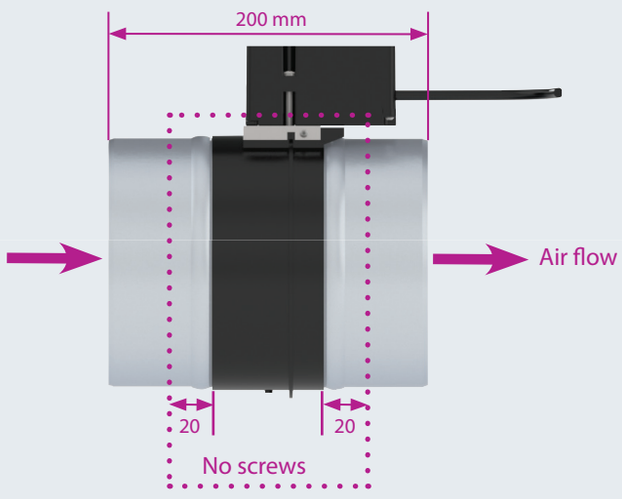
INSTALLATION

RECOMMENDATIONS

These dampers fit all 100–200 mm round ducts. They must remain easily accessible for maintenance.

Slide the ends of the ducts over the metal casings up to the edges of the plastic body of the damper. Secure the ducts with mastic, adhesive tape, or clamps.

Identify the correct air flow direction indicated on the dampers before fitting.



Do not insert screws into the plastic body or into a 20 mm area on either side of it. Doing so may jam the damper blade. Screws with a maximum length of 20 mm may be inserted beyond this area.

Never turn the blade by hand. Doing so may damage the motor.

Never remove the metal casings from the plastic body of the damper.

These dampers are set to be fully open or fully closed. They cannot be placed in intermediate positions. Do not fit stops to prevent the dampers from fully opening or closing.

Never operate the dampers for extended periods in conditions of high humidity and never above a relative humidity of 90%.

ELECTRICAL CONNECTIONS

For safety purposes, install a 1-amp phase-neutral circuit breaker in the distribution board.

Connect the cable to a nearby junction box.

Caution: Always disconnect the power to the circuits of the dampers before attempting to service them.

CHARACTERISTICS

PRODUCT CODES

230 V POWER SUPPLY

Description	Code
RM-ME – dia. 100 mm – 230 V – NC	**1310**
RM-ME – dia. 125 mm – 230 V – NC	**1311**
RM-ME – dia. 150 mm – 230 V – NC	**1312**
RM-ME – dia. 160 mm – 230 V – NC	**1313**
RM-ME – dia. 200 mm – 230 V – NC	**1315**

24 VAC/DC POWER SUPPLY

Description	Code
RM-ME – dia. 100 mm – 24 V – NC	**1310-24V**
RM-ME – dia. 125 mm – 24 V – NC	**1311-24V**
RM-ME – dia. 150 mm – 24 V – NC	**1312-24V**
RM-ME – dia. 160 mm – 24 V – NC	**1313-24V**
RM-ME – dia. 200 mm – 24 V – NC	**1315-24V**