

Wipe

# 11055210

## RGE Ø100 Manual

The RGE damper is used to manually balance and isolate a circular ducting system, while ensuring a very low leak rate.



### PRODUCT BENEFITS

- class D airtight performance as per EN 1751.

### Principles of operation

The flap of the RGE manual damper is opened and closed by rotating a handle located on a jumper. If it is closed, the airtight seal is formed by the moulded seal on the disc.

### Product description

The sealed RGE manual damper balances airflow and isolates a circular ducting system. The manual RGE features a sealed disc to minimise air leaks between upstream and downstream of the damper in the closed position and double-lip airtight seals on each junction to minimise leaks with the rest of the system. Its top jumper enables overlaid insulation without covering the handle.

### Fields of application

New, Refurbishment, Non-residential buildings

### Installation

- installed in circular ducts.

### Reference arguments

- Damper air tightness provided by jointed disk (overmoulding on disk providing good long-term resistance).
- Double-lip airtight seal on each junction.
- RGE: screw-locked adjustment handle. Zamak shafts.
- Upper jumper provides overlaid insulation without covering handle.
- To motorise RGE dampers beyond 355 mm: order the universal adapter plate (11055122) separately to enable installation of any motor.
- Motor power: 2 N/m for RGE Ø 125 to 200, 4-5 N/m for RGE Ø 250 to 500.
- Beyond Ø 500 mm, for reasons of mechanical resistance, use a CRGE volume control damper with connecting plates of the same Ø as the ducting.

### Main characteristics

- galvanised steel,
- airtight performance upstream/downstream of disc: class 3 (160 mm and below) and 4 (200 mm and above), as per EN 1751,
- class D product airtight performance as per EN 12237,
- temperature range up to 120 °C.

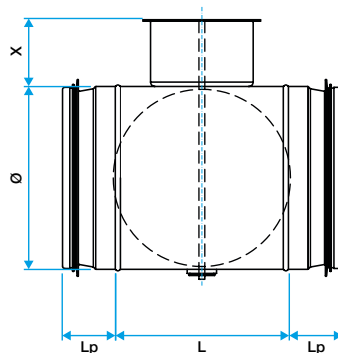
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### Dimensional data

Variants	H (mm)	L (mm)	Ø (mm)	Weight (kg)
11055210	45	158	100	0,45



### Regulatory data

Variants	Airtightness class	Upstream/downstream airtightness class
11055210	D	3