

Wipe

11055212

RGE Ø160 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

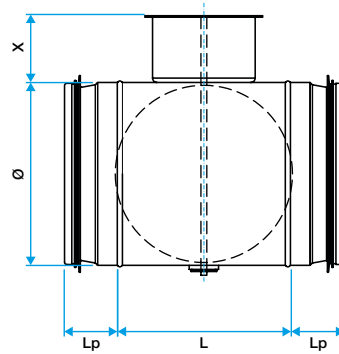
- galvanised steel,
- airtight performance upstream/downstream of disc: class 3 (160 mm and below) and 4 (200 mm and above), as per EN 1751,
- class D product airtight performance as per EN 12237,
- temperature range up to 120 °C.

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Dimensional data

Variants	H (mm)	L (mm)	Ø (mm)	Weight (kg)
11055212	45	158	160	0,7



Regulatory data

Variants	Airtightness class	Upstream/downstream airtightness class
11055212	D	3