Fresh air intake

11094641
OCTA D630 sealed

The sealed Octa sound attenuator strongly attenuates mid-frequency acoustic propagation in circular ducting, with low leakage.

PRODUCT BENEFITS

- high-performance acoustic attenuation,
- energy savings: low pressure losses,
- energy savings: very low leak rate (class D airtight).

Principles of operation

The interior of the sealed Octa is lined with mineral wool coated with glass mat to attenuate noise.

Product description

The sealed Octa circular sound attenuator strongly attenuates noise transmitted in the ventilation ducting and therefore ensure acoustic comfort inside commercial and multi-occupancy residential buildings while delivering good airtight performance. A wide range of diameters from Ø 125 to Ø 1000 mm .

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- directly inserted between two circular ducts.

Reference arguments

- External casing made of solid galvanised steel or aluminium.
- Internal casing made of slotted galvanised steel or aluminium.
- Sealed connection rings from Ø 125 to Ø 630 mm. Standard connection rings for larger diameters.
- Soundproofing: mineral wool + glass mat.
- M0 fire rating.

Main characteristics

- external casing made of solid galvanised steel,
- internal casing made of perforated galvanised steel,
- sealed connection rings,
- sound-proofing: mineral wool + glass mat,
- M0 fire certification, or A1 under Euroclass ratings,
- version tested to 400°C - 2 hours on request.
- Class D airtight properties in accordance with EN 12237.

General data

Variants	Thickness of insulation (mm)	Main material	Insulation material
11094641	100	Galvanised steel	Rock wool

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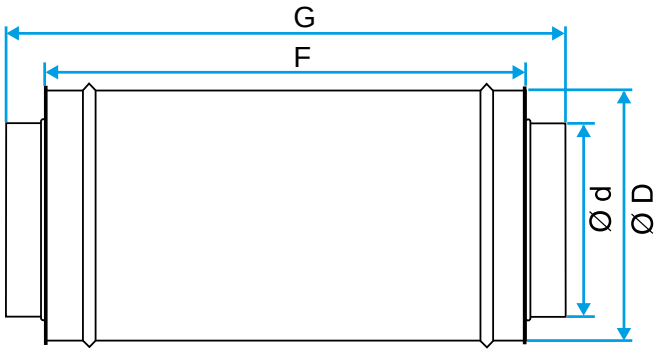
Dimensional data

Variants	F (mm)	G (mm)	Ø d (mm)	Ø D (mm)	Weight (kg)
11094641	1200	1310	630	800	66,2



Acoustic data

Variants	Acoustic attenuation measured according to standard ISO 7235 at 1000 Hz (dB)	Acoustic attenuation measured according to standard ISO 7235 at 125 Hz (dB)	Acoustic attenuation measured according to standard ISO 7235 at 2000 Hz (dB)	Acoustic attenuation measured according to standard ISO 7235 at 250 Hz (dB)	Acoustic attenuation measured according to standard ISO 7235 at 4000 Hz (dB)	Acoustic attenuation measured according to standard ISO 7235 at 500 Hz (dB)	Acoustic attenuation measured according to standard ISO 7235 at 63 Hz (dB)	Acoustic attenuation measured according to standard ISO 7235 at 8000 Hz (dB)
11094641	17	6	12	14	11	22	3	5

Regulatory data

Variants	Fire protection rating
11094641	A1