

Fresh air intake

11094637
OCTA D355 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

- Octa sealed circular sound trap D355 to strongly attenuate the propagation of noise in a ventilation or air conditioning system in non-residential or multi-occupancy residential buildings
- Very low leak rate: Class D airtight performance as per EN 1751
- Length: 900 mm
- Galvanised steel casing
- Interior mineral wool insulation covered with glass mat: thickness 100 mm
- M0 fire rating for complete product

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

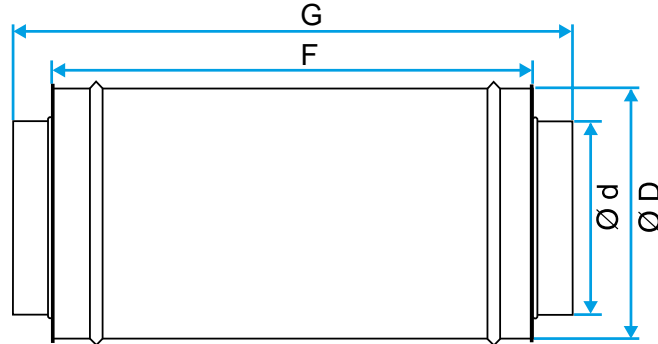
Variants	Thickness of insulation (mm)	Main material	Insulation material
11094637	100	Galvanised steel	Rock wool

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Dimensional data

Variants	F (mm)	G (mm)	Ø d (mm)	Ø D (mm)	Weight (kg)
11094637	900	1010	355	560	31,3



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)
11094637	23	3	8	9	5	15	5	5

Regulatory data

Variants	Fire protection rating
11094637	A1