SOUNDEX® Generator Enclosure

Noise Control

This SOUNDEX® Generator Enclosure has been specifically designed to attenuate the low-frequency noise associated with generators and includes an access door for maintenance and refueling.

Incorporating two layers of Soundex high-performance acoustic material, the SOUNDEX® Generator Enclosure is specifically designed to handle the low frequency sound from generators and other static plant.

The enclosure is designed to allow air space around most common generators and includes an access door for ease of maintenance and refueling. The aluminum frame is assembled in two sections and once folded, the whole enclosure can be transported on two standard pallets.



Request Price

Features

- Acoustic material designed specifically to target low-frequency technology.
- Reduces sounds at 5000Hz by up to 59.9dB.
- Reduces sounds at 1000Hz by up to 27.8dB.
- Bespoke units with personalised logo printing available.

Product Testing and Certification

- Bureau Veritas Fire Test BS 476 Part 12 1991
- Exova/BTTG Fire Test BS 7837:1995 (2015)
- PVC Containment Sheets BS 7955:1999 Clause 4.3: tensile Strength, Clause 4.4: Attachment Point Strength, Related Specification: BS 2576:1996. Laboratory Acoustic Test BS EN ISO 10140-2:2010

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Protecting people and our environment

Technical Data

Specifications	Soundex® Generator Enclosure						
Size LxWxH	3000 x 7200 x 3000mm						
Maximum sound absorption	79% @ 250Hz | 111% @ 1000Hz | 104% @ 5000Hz						
Maximum sound attenuation	12.0dB @ 250Hz | 27.8dB @ 1000Hz | 59.9dB @ 5000Hz						
Test data at various Hz (Testing and Certification: BS EN ISO 717-1 : 1997;BS EN ISO 345 : 2003; EN ISO 11654 : 1997)							
Hz	50	100	160	250	500	5000	Rw Value
Reduction dB	14.9	12.2	10.2	12.0	20.4	59.9	24
Absorption αs	0.07	0.15	0.45	0.79	1.03	1.01	1.00
Acoustic membrane	M2 / B1 / BS / B-s2-d0 / NFPA701						
Acoustic core	Class 0						
Acoustic mesh membrane	M2						
Printing	Water based ink						

Key Applications

- Static and mobile generators.
- Compressors.
- Pumps.
- Pile drivers.
- Jackhammers.

Suitable for:
Construction | Manufacturing | Factories | Open Work Spaces | Healthcare | Retail | Infrastructure





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