

NEW

MANROSE[®]

Flat Channel Acoustic Damper

From the Ducting & Accessories Section



“Probably The Best PVC Flat Channel Duct Silencer On The Market!”

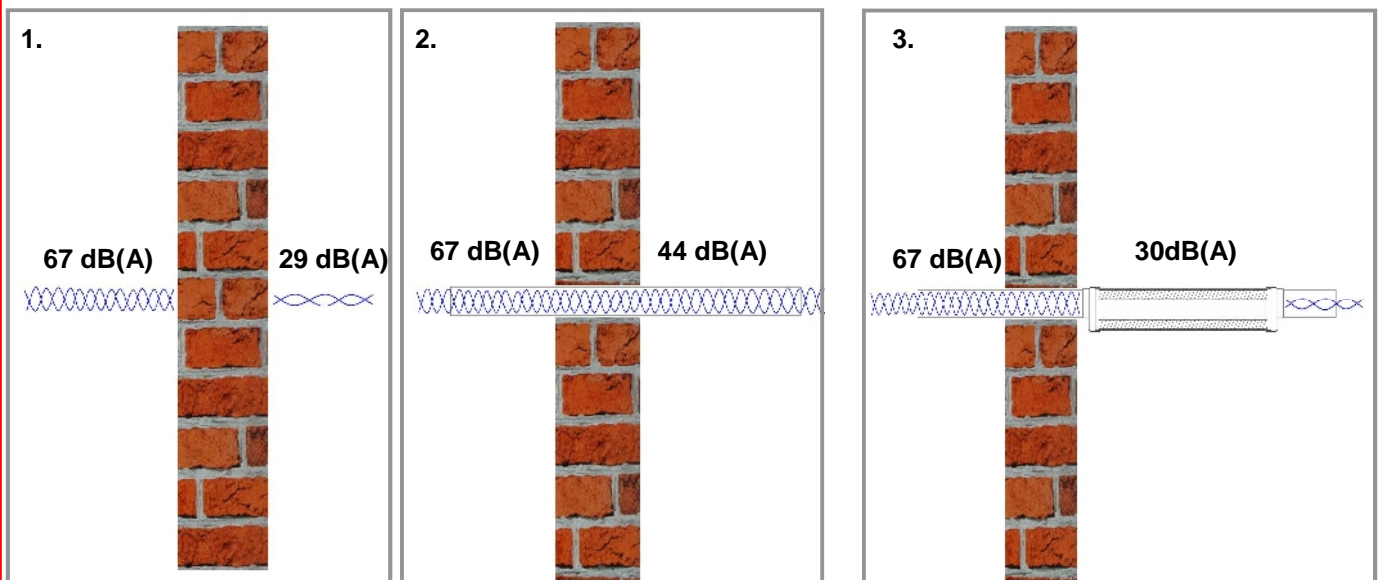
- Reduces noise levels within rigid ducting
- Tested up to 540m³/hr (150l/s)
- Reducing up to 55% of Volume
- Sturdy Lightweight construction
- Easy installation
- Closed cell, Class O fire rated acoustic material
- Unique Microban anti-microbial protection
- Corrosion proof
- Suitable for most installations
- Two lengths available (500mm & 1000mm)
- Compatible with 204x60mm Ducting

Catalogue No.	Description	Length
SL55105	204x60mm Acoustic Damper	500mm
SL55100	204x60mm Acoustic Damper	1000mm

Sound Through A Wall

Sound Through A Wall With Ducting

Sound Through A Wall With Attenuated Ducting

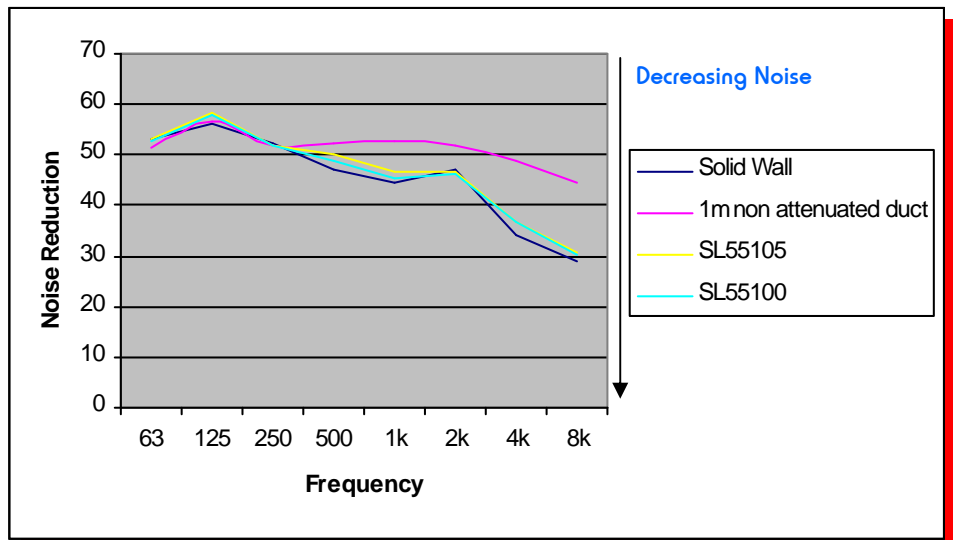


Technical Information

The Product

The **NEW Manrose** flat channel acoustic damper has been designed as a cost effective and most importantly, a very easy way of reducing the noise from your ventilation system.

The flat channel acoustic damper by **Manrose** is a light weight, low profile construction which provides safety advantages over metal silencers. The risk of corrosion is removed meaning there is no need for replacement.

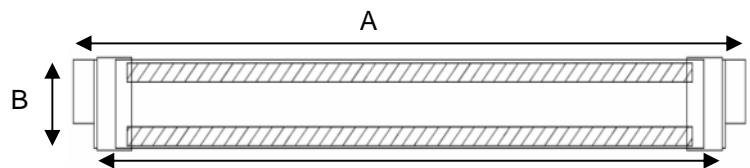


Sound Reducing Table

Frequency	63	125	250	500	1k	2k	4k	8k
Solid Wall db(A)	53.01	56.21	52.26	46.95	44.3	47.05	34.07	29.13
1m Non Attenuated Duct db(A)	51.23	56.54	51.86	52.22	52.91	52.06	48.63	44.63
SL55105 db(A)	53.36	58.15	52.04	50.13	46.75	46.66	36.66	30.7
SL55100 db(A)	52.93	57.8	51.76	48.85	45.47	46.34	36.55	30.33

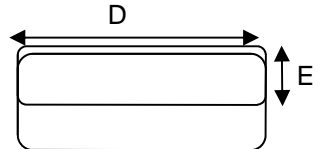
Technical Part

The unique **Manrose** acoustic material used comes with microban anti-microbial protection built-in, offering an enhanced resistance against bacteria and mould growth and is also dust, fibre and formaldehyde free, and inhibits the onset of "sick building syndrome". This makes the **Manrose** flat channel acoustic damper suitable for use in homes, offices, schools and hospitals.



Dimensions

	A	B	C	D	E
SL55105	600	95	540	225	65
SL55100	1000	95	940	225	65



Building Regulations

The **NEW Manrose** flat channel acoustic damper has been designed to exceed the current building requirements of approved document Part F and Part L of the building regulations.

The Noise Reduction Solution

The **NEW Manrose** flat channel acoustic damper offers excellent sound reduction over a range of different sound frequencies and are available in two different lengths depending on the noise submersion requirement.

To reduce appliance noise it is most recommended by **Manrose** to install flat channel acoustic damper room side of the ventilation system or to limit cross talk between rooms installed near each inlet & outlet.

Contact Us

If you have any questions or you would like a system design please contact our Technical Department on telephone 01753 876908