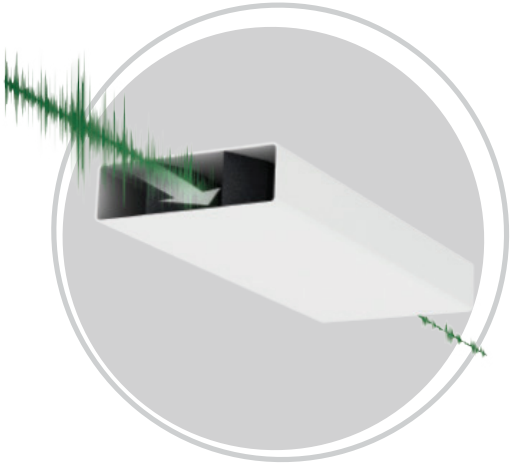
RIGID DUCT ATTENUATOR

OFFERING EXCELLENT SOUND ABSORPTION OVER A RANGE OF AUDIBLE FREQUENCIES



FEATURES

- Excellent sound attenuation properties as verified by the SRL Technical Services
- Microban® protected foam helps enable a long life, clean and fresh ventilation system
- Low profile increases installation options and offers greater flexibility
- Lightweight and easy to fit for quicker installation time
- Can also be used with Domus Ventilation Thermal duct insulation

BENEFITS

- Significantly reduces transmitted appliance noise and room to-room cross talk
- Helps facilitate occupant acceptance of a continuously running centralised ventilation system
- Helps achieve Building Regulation recommendations
- The installation of Domus Ventilation rigid duct attenuators over metal alternatives, provides peace of mind that future replacement due to corrosion won't occur

PROVIDES UP TO 250 TIMES LESS BACTERIAL MALODOUR FOR A LIFE LONG, CLEAN, FRESH VENTILATION SYSTEM.

RIGID DUCT MICROBAN PROTECTED ATTENUATOR

NEW

Recently enhanced, our rigid duct sound attenuator range now includes variants with even better sound attenuation performance, at the levels which count – the frequency in which room-to-room cross talk and appliance noise are more prominent to our hearing!

WHY THEY ARE NEEDED

Noise generated by a mechanical extract appliance could result in occupants incorrectly altering the performance of their system and as a consequence, detrimentally impacting indoor air quality. To avoid this, Building Regulations recommend that the system should not produce excessive noise that could discourage occupants from using it correctly.

In addition to this, resident cross talk carried through connecting room-to-room ducting can also impair homeowner comfort.

Approved Document F of the Building Regulations (F1 Means of Ventilation) recommends that the system should not produce excessive noise that could discourage occupants from using it correctly. A rigid duct attenuator should therefore form part of duct system to ensure occupants do not incorrectly alter the performance of the system and as a consequence, detrimentally impact indoor air quality.

CUMULATIVE LENGTH ACOUSTIC SOUND RESULTS

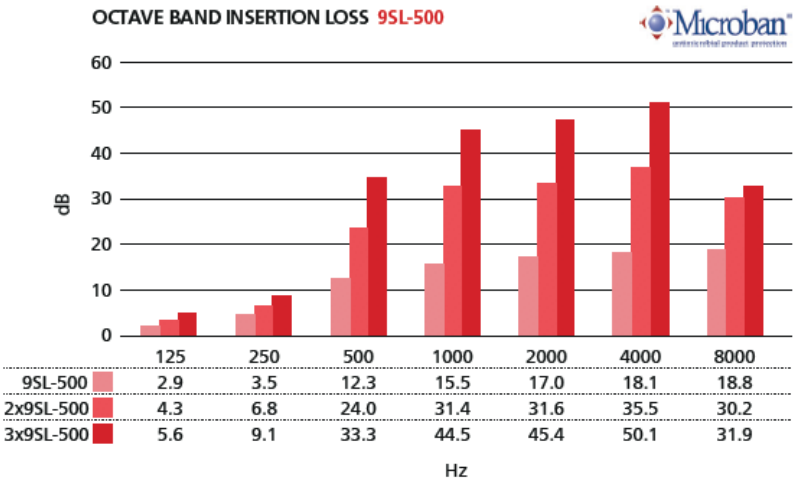
The diagrams on the right illustrates the increased sound absorption levels when close-coupling up to three individual 0.5m lengths of rigid duct attenuators, thus reducing noise levels by up to 55dB.

RANGE

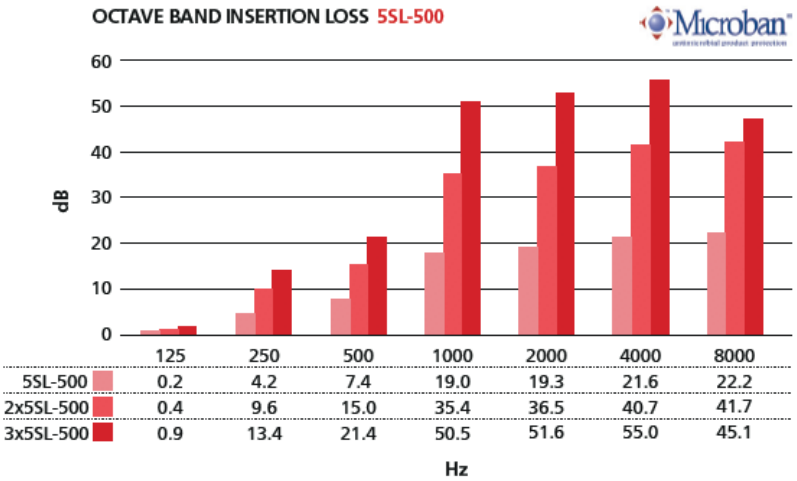
To support the most popular rectangular rigid duct profiles our enhanced Domus Silencers are available to install with 204x60mm and 220x90mm duct systems.

INSTALLATION

Rigid duct attenuators can be installed in roof and ceiling voids and are recommended to be fitted on the room-side of the ventilation appliance and to limit cross talk, near each inlet and outlet.



	125	250	500	1000	2000	4000	8000
9SL-500	2.9	3.5	12.3	15.5	17.0	18.1	18.8
2x9SL-500	4.3	6.8	24.0	31.4	31.6	35.5	30.2
3x9SL-500	5.6	9.1	33.3	44.5	45.4	50.1	31.9



	125	250	500	1000	2000	4000	8000
5SL-500	0.2	4.2	7.4	19.0	19.3	21.6	22.2
2x5SL-500	0.4	9.6	15.0	35.4	36.5	40.7	41.7
3x5SL-500	0.9	13.4	21.4	50.5	51.6	55.0	45.1

Sound Absorption Chart

Size (mm)	Code	125Hz	250Hz	500Hz	1000HZ	2000Hz	4000Hz	8000Hz
204x60	5SL-500	0.2	4.2	7.4	19	19.3	21.6	22.2
220X90	9SL-500	2.9	3.5	12.3	15.5	17	18.1	18.8

YOUR VENTILATION SPECIALIST

03443 715 523

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The information contained in this publication is correct at the time of print and is subject to change. Please visit our website for the latest information: **www.domusventilation.co.uk**

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Jan 2021