

Wholehouse Attenuators

Domestic Range



The Wholehouse Attenuator has been developed to reduce induct noise in both residential and commercial ducting systems.

Technical Details

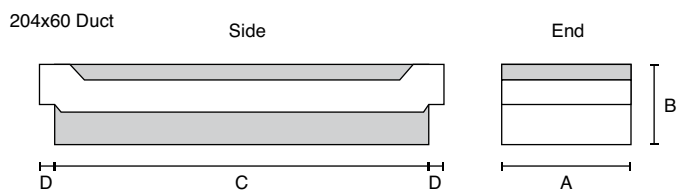
The Wholehouse Attenuator is compatible with either 204x60mm or 220x90mm ducting. The Wholehouse Attenuator is designed with an offset spigot, saving the need for additional ducting components which makes for a much easier and quicker installation.

Noise Reduction

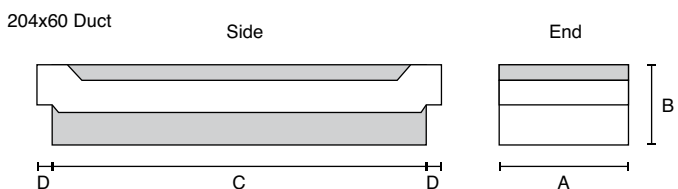
Offering excellent sound reduction over a range of frequencies, the Wholehouse Attenuator is available in two lengths depending on the noise suppression requirements. For MVHR systems the attenuator can be fitted on the supply side to habitable rooms, reducing airborne in-duct noise. For MVHR and extract-only systems, the attenuator may be placed on the extract side to limit 'cross-talk' through ductwork between rooms.

Cat. No.	Product type
SL55106M	204x60 Duct 650mm Length
SL55109M	204x60 Duct 950mm Length
SL55112M	204x60 Duct 1220mm Length
SL609106M	220x90 Duct 650mm Length
SL60909M	220x90 Duct 950mm Length
SL609112M	220x90 Duct 1250mm Length

Dimensions (mm)



Model	A	B	C	D	kg
204x60 Duct 650mm Length	210	125	600	25	10
204x60 Duct 950mm Length	210	125	900	25	13
204x60 Duct 1250mm Length	210	125	1200	25	17



Model	A	B	C	D	kg
220x90 Duct 650mm Length	226	148	600	25	10
220x90 Duct 950mm Length	226	148	900	25	14
220x90 Duct 1250mm Length	226	148	1200	25	17

Acoustic Performance

Model	Octave Band (Hz) Static Insertion Loss, dB							
	63	125	250	500	1k	2k	4k	8k
204x60 Duct 650mm Length	0	3	8	12	25	40	48	32
204x60 Duct 950mm Length	0.3	3.2	11.6	24.2	38	49.1	50.3	36.4
204x60 Duct 1250mm Length	0.3	1.8	14.1	21.3	35.4	46.9	50.4	36.4
220x90 Duct 650mm Length	0	3	8	14	28	40	48	33
220x90 Duct 950mm Length	7.3	10.2	13.1	26.2	34.9	47.6	52.2	38.9
220x90 Duct 1250mm Length	1.2	7.4	18.6	30.2	39.1	51	45.2	38.6
125mmØ Duct 1m Length	5.5	11.5	17	19.9	19.1	25.6	20	21.6
150mmØ Flexible Duct 1m Length	-1.2	10.6	19	16.8	15.7	22.2	15.7	17.6

Pressure Loss

Model	Duct Size (mm)	Volume (l/s)	Pressure Loss (Pa)
Attenuator*	204x60	15	1
		30	4
		60	15
		80	27
Attenuator*	220x90	15	1
		30	4
		60	14
		80	31
Acoustic Flexible Ducting (1m)	125	15	2.8
		30	8.8
		60	19.2
		80	37.5
Acoustic Flexible Ducting (1m)	150	15	1.7
		30	6.4
		60	13.8
		80	28.4

*Data based on 1250mm lengths