



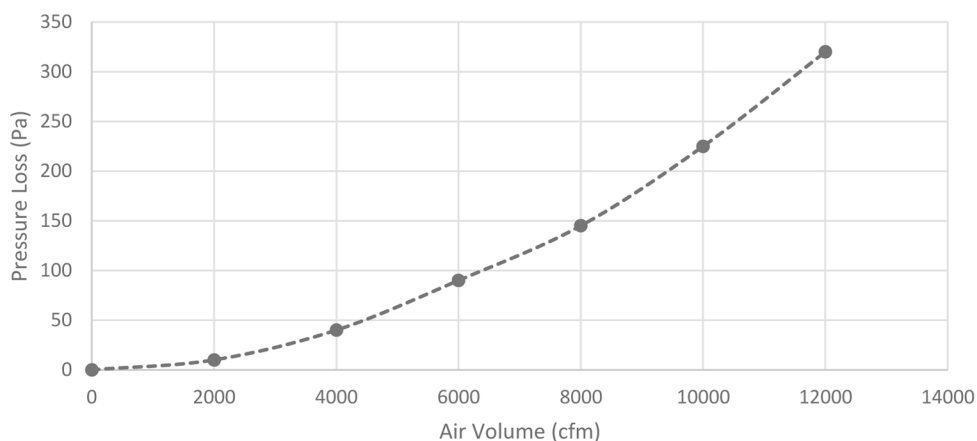
Noise Attenuation Unit

Silencer CDAP.2D

400 mm Dia x 800mm L



400x400mm CDAP.2D Pressure Loss's @ 20oC with Uniform air flow



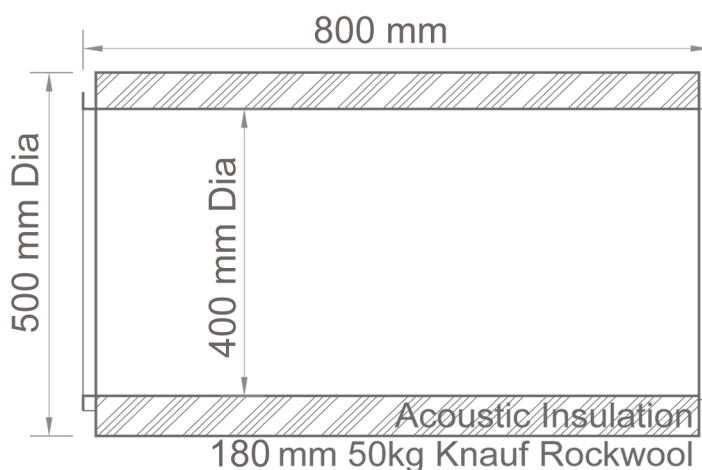
Insertion loss

Sound Spectrum (Hz)

63	125	250	500	1k	2k	4k	8k
7	10	12	24	29	29	27	23

Indoor ambient noise levels for dwellings (BS8233, 2014)

Activity	Location	07:00 to 23:00
Resting	Living room	35 dB LAeq,16hour
Dining	Dining room/area	40 dB LAeq,16hour
Daytime resting	Bedroom	35 dB LAeq,16hour



Average Fan noise 40-1Mfan
Fan noise @ 1m distance

Fan noise with Silencer I @ 1m
Fan noise with Silencer I and II @ 1m

Fan noise with Silencer I and II @ 3m distance

140 dB	Hearing impairment of adult (peak noise)
120 dB	Hearing impairment of child (peak noise)
85 dB	Hearing impairment (daily noise for 1 hour)
70 dB	Hearing impairment (daily noise for 24 hours)
55 dB	Serious annoyance (peak noise)
40 dB	UK building regulation requirement (part E) for internal walls*
35 dB	Disturbance of communication
30 dB	Sleep disturbance