

Flatbed Sound Levels

Test model: FB580 with and without Silencer (Acoustic Muffler).

Test room default noise level = 43-45db. Typically regarded as a Quiet room or sitting in the lounge at home with no sounds.

FB580 with Silencer

When the FB580 was switched on, and the vacuum system activated (WITH the Silencer ON) the sound level raised to 60-62db. Which is regarded as equivalent to: Conversation in restaurant, office, background music, Air conditioning unit at 100 feet. Normal conversation is regarded to be circa 60db, so with the Silencer on, this is in the range of the FB580.

(Please be aware, that 60db is half as loud as 70db... this should help the comparison below.)

FB580 without Silencer

When the FB580 was switched on, and the vacuum system activated (WITHOUT a Silencer) the sound level raised to 70db.

A comparative sound level is regarded as, a vacuum cleaner or dishwasher running (70 dB) or sitting in your living room, listening to music at a moderate level.

dBA	Example	Home & Yard Appliances	Workshop & Construction
0	healthy hearing threshold		
10	a pin dropping		
20	rustling leaves		
30	whisper		
40	babbling brook	computer	
50	light traffic	refrigerator	
60	conversational speech	air conditioner	
70	shower	dishwasher	
75	toilet flushing	vacuum cleaner	
80	alarm clock	garbage disposal	
85	passing diesel truck	snow blower	
90	squeeze toy	lawn mower	arc welder
95	inside subway car	food processor	belt sander
100	motorcycle (riding)		handheld drill
105	sporting event		table saw
110	rock band		jackhammer
115	emergency vehicle siren		riveter
120	thunderclap		oxygen torch
125	balloon popping		