

		Sound Power Level Lw [dB] - inherent octave third band																				Sound Power Level Lw [dB]	Weighted Sound Power Level LwA [dB(A)]	Weighted Sound Pressure Level LpA in free field @3m [dB(A)]	
airflow setting [l/s]	installation setting	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1kHz	1.25kHz	1.6kHz	2kHz	2.5kHz	3.15kHz	4kHz	5kHz	6.3kHz	8kHz	10kHz	Tot	Tot	Tot
5	through wall	16.3	15.0	12.3	8.5	9.7	9.9	15.7	11.8	16.4	10.6	9.1	8.2	9.3	16.8	14.0	8.9	8.3	7.6	8.5	9.4	10.8	26	24	3
8	through wall	20.1	24.9	21.7	18.5	18.8	18.6	16.6	16.2	16.7	15.0	14.4	9.2	10.7	18.3	15.1	10.2	10.3	8.8	8.9	9.7	11.3	31	26	5
11	through wall	22.3	26.4	25.4	26.4	24.5	23.2	20.3	24.1	24.7	19.6	16.0	18.3	13.1	19.7	17.2	11.6	11.7	10.1	9.9	10.2	11.7	35	30	9
13	through wall	23.3	24.8	26.1	26.4	29.5	25.8	23.7	29.9	26.5	25.5	21.6	18.1	16.8	22.8	19.2	13.7	12.9	10.5	10.2	10.3	11.7	37	33	13
16	through wall	25.0	29.5	28.2	31.0	32.0	33.8	28.2	31.5	32.2	28.5	27.1	22.0	23.8	25.8	23.6	19.5	15.6	13.1	12.5	11.6	12.1	41	37	17
20	through wall	27.9	31.0	28.9	31.1	37.2	35.8	35.2	43.8	37.1	36.3	33.4	38.0	30.9	34.0	32.1	29.6	24.2	19.7	17.2	13.2	12.6	48	46	26
25	through wall	31.4	33.9	31.2	31.5	35.3	40.2	37.9	41.3	40.2	40.4	41.6	36.3	36.8	40.2	38.9	36.8	31.6	27.7	24.9	20.1	14.8	50	49	29
5	in room	20.1	24.9	21.7	18.5	18.8	18.6	16.6	16.2	16.7	15.0	14.4	9.2	10.7	18.3	15.1	10.2	10.3	8.8	8.9	9.7	11.3	31	26	5
8	in room	23.3	24.8	26.1	26.4	29.5	25.8	23.7	29.9	26.5	25.5	21.6	18.1	16.8	22.8	19.2	13.7	12.9	10.5	10.2	10.3	11.7	37	33	13
11	in room	26.1	29.3	27.5	31.2	33.9	34.0	29.7	33.8	34.3	31.2	31.4	26.5	27.0	29.9	26.9	24.0	18.9	15.7	15.6	13.5	14.3	43	40	20
13	in room	27.9	31.0	28.9	31.1	37.2	35.8	35.2	43.8	37.1	36.3	33.4	38.0	30.9	34.0	32.1	29.6	24.2	19.7	17.2	13.2	12.6	48	46	26
16	in room	31.4	33.9	31.2	31.5	35.3	40.2	37.9	41.3	40.2	40.4	41.6	36.3	36.8	40.2	38.9	36.8	31.6	27.7	24.9	20.1	14.8	50	49	29
20	in room	35.3	38.1	34.9	34.5	36.9	38.9	41.1	47.5	45.5	42.9	45.0	41.6	43.7	46.2	45.0	43.1	38.3	35.2	32.0	27.5	20.5	55	55	34

MEASUREMENT INFORMATION

Data measured/calculated according to ISO 3741 norm.
 Sound level meter meets ISO 3741 requirements.
 Test chamber meets ISO 3741 requirements for frequencies between 250-4000Hz.
 Data written in blue: sound level measured was less than 3dB over background noise floor in the inherent frequency band.
 test reference: LA23030

TEST SETUP INFORMATION

Data measured with FAITH-PLUS fan installed on a wall. No pipes/grilles used during tests