Confirmation for e^go exhaust air unit with heat recovery

Noise level of components



Product	e^go exhaust air unit with heat recovery	
Functional unit	5 - 45 m³/h	
	e^go insert, G3 filter, inner cover 9/IBE, outer grille 1/HWE	
Basics	1-point measurement at a distance of 1m from the fan. Fan installed centrally on the wall in accordance with the installation instructions. Free-blowing fan at a fixed speed. Sound pressure values rounded to whole numbers.	
Measurement	Volume room	55 m³
	Delay time	1,1 s
	Background noise	17,3 dB(A)



Stage	L_{WA}	L_{PA} 1m	L_{PA} 3m
5 m³/h	28	20	0
10 m³/h	38	30	9
15 m³/h	46	38	22
20 m³/h	51	43	30
45 m³/h	53	45	32



L_{PA}… mean noise pressure level in a distance of 1 m or 3 m in dB(A)
L_{WA}… noise power level in dB(A)

for the correctness,

your Team from LUNOS

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