Confirmation for Ne^{xx}t-E with heat recovery

Noise level of components

Product	Ne^{xx}t-E with heat recovery
Functional unit	15 - 110 m³/h Ventilation unit with enthalpic heat exchanger, F7 filter and outer hood 1/HWE-2
Basics	1-point measurement at a distance of 1 m 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 conditions	Volume room 55 m³ Delay time 1,1 s Background noise 17,3 dB(A)







Stage	L_{WA}	L_{PA} 1m	L_{PA} 3m
15 m³/h	20	12	2
29 m³/h	31	23	13
42 m³/h	39	31	21
56 m³/h	43	35	25
69 m³/h	46	38	29
83 m³/h	49	41	31
96 m³/h	54	46	37
110 m³/h	57	49	39

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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