



Sound levels

Sound pressure [dBA] - standalone

	11(V1/Y1)	14(V1/Y1)	16(V1/Y1)
[EW/LW 55/65°C]			
Front	40	43	46
Left / Right / Back / Top (*)	43	45	46
[EW/LW 70/80°C]			
Front	46	46	46
Left / Right / Back / Top (*)	46	46	46
[EW/LW 55/65°C] - Low sound mode n°1			
Front	39	40	43
Left / Right / Back / Top (*)	40	43	45

Notes

- The above data is valid in free field condition, because it is measured in a semi-anechoic room. If sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections. Choose the installation location carefully and do not install in a sound sensitive environment (e.g. living room, bedroom, ...)
- dB(A) = A-weighted sound power level (A-scale according to IEC)
- EW = Entering water temperature
- LW = Leaving water temperature
- Reference acoustic pressure 0dB = 20µPa
- Sound pressure level of low sound mode n°2 and n°3 is lower than n°1
- (*) Does not occur simultaneously on all sides.

Sound pressure [dBA] - Integrated (+Tank)

	11(V1/Y1)	14(V1/Y1)	16(V1/Y1)
[EW/LW 55/65°C]			
Front	38	39	42
Left / Right / Back / Top (*)	41	44	45
[EW/LW 70/80°C]			
Front	43	43	43
Left / Right / Back / Top (*)	46	46	46
[EW/LW 55/65°C] - Low sound mode n°1			
Front	37	38	39
Left / Right / Back / Top (*)	40	41	44