FWZ-AF
FWR-AF
FWS-AF

Sound power level and Spectrum								
FW02 F								
Sound Power Levels dB(A)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
max	41,8	55,1	57,2	56,8	53,5	45,2	31	62,0
min	-	19,9	25,3	21,6	16,1	-	-	28,0
FW03 F								
Sound Power Levels dB(A)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
max	47,2	59,6	65,2	65,9	63,3	55,8	43,6	70,3
min	-	20,8	25,4	21,2	14,3	-	-	28,0
FW06 F								
Sound Power Levels dB(A)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
max	41,1	55,0	59,2	59,3	56,4	48,4	36,1	64,0
min	-	21,0	24,9	21,1	17,8	-	-	28,0
FW08 F								
Sound Power Levels dB(A)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
max	46,6	61,0	65,3	66,7	63,8	56,7	46,7	70,9
min	-	21,5	24,7	21,9	15,2	-	-	28,0
Conditions of measurements	ISO3741: in case of (M) models the sound power is calculated WITHOUT any additional inlet or outlet grill or plenum!							

To calculate the sound pressure you must define some conditions and use this formula $L_P = L_W - 10 \times Log_{10}\left(\dfrac{4\pi \times d^2}{Q}\right)$

Where: Q = direction factor: is Q=4 if the FCU is installed near 2 walls (vertical or floor-ceiling), Q=2 if the FCU is installed
near 1 wall (at floor or ceiling but faraway the 2° wall)
d = distance (mt) from the sound source and the measure point
Lp = sound pressure (dB A)
Lw = sound power (dB A)