



This wooden diffusion panel, made of Nordic pine, is the result of a long design and analysis process and one of JOCAVI's options in terms of diffusion panels.

The use of this extremely efficient panel is imperative to control the first and other reflections from the front walls, thus promoting correct sound diffusion in the room. This wooden diffuser works on a wide band of the sound spectrum and, due to its shape, also absorbs some medium frequencies.

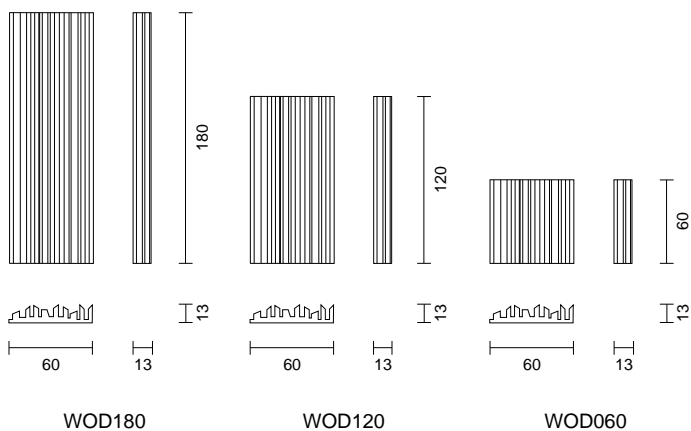
The Woodiffuser® is a 2D diffusion panel that focuses on controlling horizontal dispersion. It is based on the rotation sequence of primary incidence angles and makes sound diffusion uniform in various directions with similar energy.

Besides, the characteristics of the wood stand out in a room, thus making this product attractive, both acoustically and aesthetically.

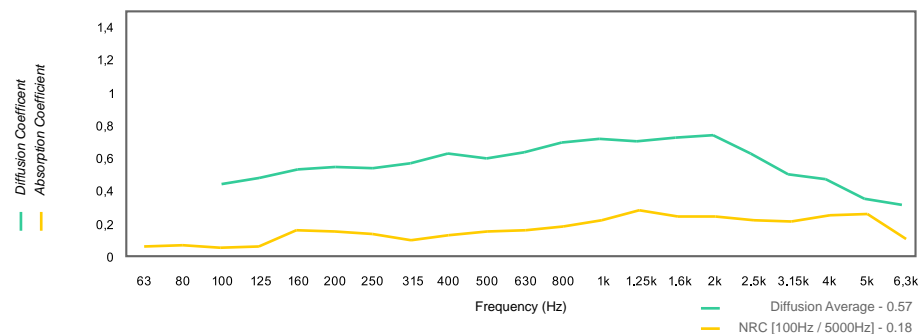
MODEL SIZES

	H	W	D	Kg
WOD180	180 cm	60 cm	13 cm	28.5
WOD120	120 cm	60 cm	13 cm	19
WOD060	60 cm	60 cm	13 cm	9.5

TECHNICAL DRAWING



GRAPHIC



VALUES

														Diffusion Coefficient																		
														100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k
														0.44	0.48	0.53	0.55	0.54	0.57	0.63	0.6	0.64	0.7	0.72	0.71	0.73	0.75	0.63	0.5	0.47	0.35	0.31
														These values were obtained by mathematical calculations and tests carried out in our laboratory																		
														Absorption Coefficient																		
63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k												
0.06	0.07	0.05	0.06	0.16	0.15	0.14	0.1	0.13	0.15	0.16	0.18	0.22	0.28	0.24	0.24	0.22	0.21	0.25	0.26	0.11												

— Values in accordance with the Standards: EN 20354, ASTM C423 and EN 11654.

■ Non Standard values.