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DIFFUSION PANEL | WAVYFUSER® /INVERTED

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DIFFUSION PANEL

Image of 60x60cm models **Ref.:WAV060** and **Ref.:WAI060** (on the left) and **Ref.:WAV120** and **Ref.:WAI120** applied (ambient image).

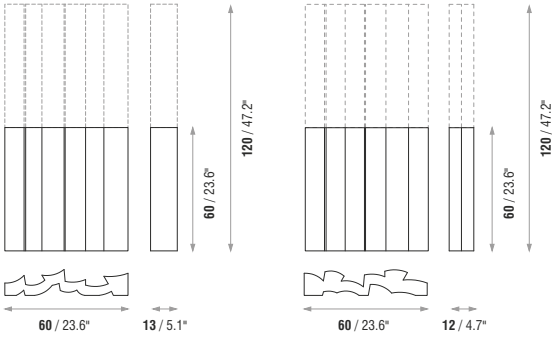
DESCRIPTION

The WAVYFUSER INV® is made of high-quality 100% recyclable ecologic EPS raw material. This design results from combining a sequence of concave and convex shapes with numerical techniques, which creates a profile surface that optimises the scattering of diffusion.

This model has two different varieties, male and female, which, when combined in the assembly, make the diffusion of medium/low frequencies more efficient. Acoustically, this translates into a more real control of sound reflections in your room, by providing uniform omnidirectional broad bandwidth diffusion without any other unwanted sound effect in the room.

The WAVYFUSER INV® is one of the top model of ATP® diffusers set. Its price is highly reasonable and provides a combination of hemispherical acoustic diffusion with a top-quality EPS finishing painting.

TECHNICAL DRAWINGS



FEATURES

- Average diffusion: **0.57/m²** [>100Hz;<5KHz].
- NRC: **0.21/m²** [>250Hz;<10KHz].
- Fire resistance: Euroclass B-s3,d1 (similar to old M1).
- Finished with an ecological paint.
- Very easy to install.
- Other colours available upon consultation.
- Sold in pairs.

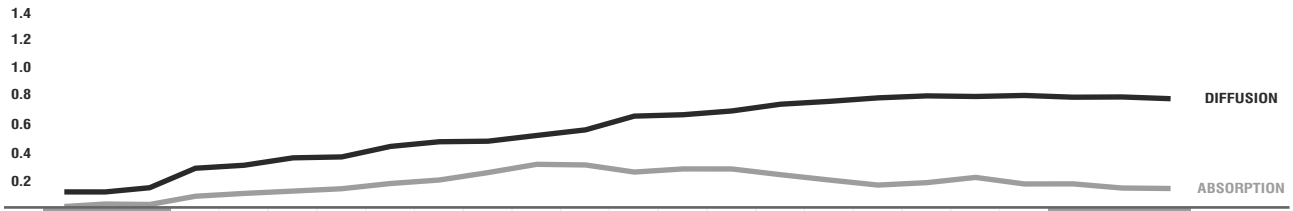
MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
WAV120	**120 cm** (47.2 in)	**60 cm** (23.6 in)	**13 cm** (5.1 in)	**2 Kg** (4.41 lbs)
WAI120	**120 cm** (47.2 in)	**60 cm** (23.6 in)	**12 cm** (4.7 in)	**2.2 Kg** (4.85 lbs)
WAV060	**60 cm** (23.6 in)	**60 cm** (23.6 in)	**13 cm** (5.1 in)	**1 Kg** (2.20 lbs)
WAI060	**60 cm** (23.6 in)	**60 cm** (23.6 in)	**12 cm** (4.7 in)	**1.1 Kg** (2.43 lbs)

SOLD IN PAIRS

DIFFUSION - ABSORPTION COEFFICIENT

	0.12	0.12	0.15	0.28	0.30	0.37	0.38	0.43	0.44	0.46	0.50	0.55	0.63	0.64	0.66	0.71	0.75	0.77	0.79	0.78	0.79	0.77	0.77	0.76	0.57
αS	0.01	0.02	0.02	0.09	0.13	0.14	0.16	0.19	0.20	0.26	0.31	0.30	0.25	0.26	0.26	0.23	0.20	0.17	0.19	0.21	0.18	0.18	0.16	0.15	0.21



Hz	50	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	8k	10k	AVERAGE /NRC

■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.
■ DIFFUSION COEFFICIENT: These values were obtained by mathematical calculations and tests carried out in our laboratory.
■ Values [<100Hz and > 5K] are Non Standard Values.

STANDARD EPS RAL COLOURS

BEIGE	YELLOW	ORANGE	RED	PURPLE	LIGHT BLUE	BLUE	GREEN	BROWN	LIGHT GREY	GREY	BLACK	WHITE
Similar to RAL 1011	Similar to RAL 1003	Similar to RAL 2001	Similar to RAL 3003	Similar to RAL 4007	Similar to RAL 5010	Similar to RAL 5013	Similar to RAL 6028	Similar to RAL 8019	Similar to RAL 7001	Similar to RAL 7015	Similar to RAL 9005	Similar to RAL 9003

IMPORTANT NOTICES

- JOCAVI® accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- RAL® is an international independent colour standard system partner for industry, trade, architecture and design. Should be consulted before placing any order.
- The colours shown on this catalogue are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
- Colours may vary due to raw-material suppliers' changes and some differences may occur in tonal range.
- Typical Indoor Comfort Standards state a temperature range of 20ºC - 27ºC (68ºF - 81ºF), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Sizes may vary slightly (+/-3mm) due to their production method and some inherent raw-materials characteristics.