



## EFFECTFUSER<sup>®</sup>

Diffusion Panel



Diffusion shells are acoustic treatment elements used in large volume rooms, such as theatres and auditoriums, where orchestral concerts or mere recitals take place.

The installation of these acoustic diffusion components aims to project the natural sound from the instruments and maintain some liveliness in the room's acoustics.

JOCAVI's Effectfuser<sup>®</sup> has been designed at the scale of these needs. It is a large-sized diffuser that provides a very homogeneous diffusion within the diffuse sound spectrum. Due to its shape and depth, the Effectfuser<sup>®</sup> has a high diffusion coefficient on medium/low frequencies, thus making it more balanced when compared with other diffusers. This piece can be coupled and multiplied in order to suit each room's project.

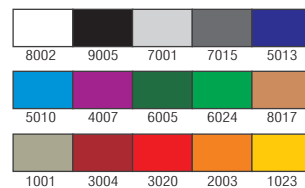
When mounted, several modules must be grouped in order to obtain a diffusion area that is proportional to each space. They are properly positioned on ceilings or walls in order to obtain sound diffusion at the intended angles.

Effectfuser<sup>®</sup> may also be used, like any other JOCAVI<sup>®</sup> diffusion model, in combination with other models of absorption panels.

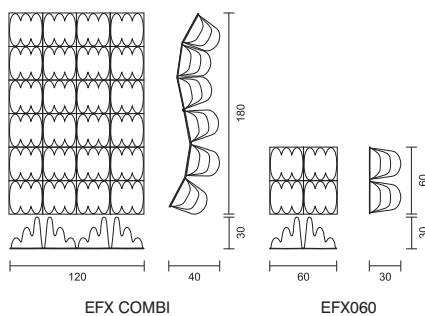
### Features:

- Manufactured in recycled ABS.
- Average diffusion: 0.61/m<sup>2</sup> [>100Hz; <5KHz].
- Fire-resistance: M2.
- 100% recyclable.
- Package: 1 and 3 units.
- Installation: accessories included.

### Standard RAL Colours:



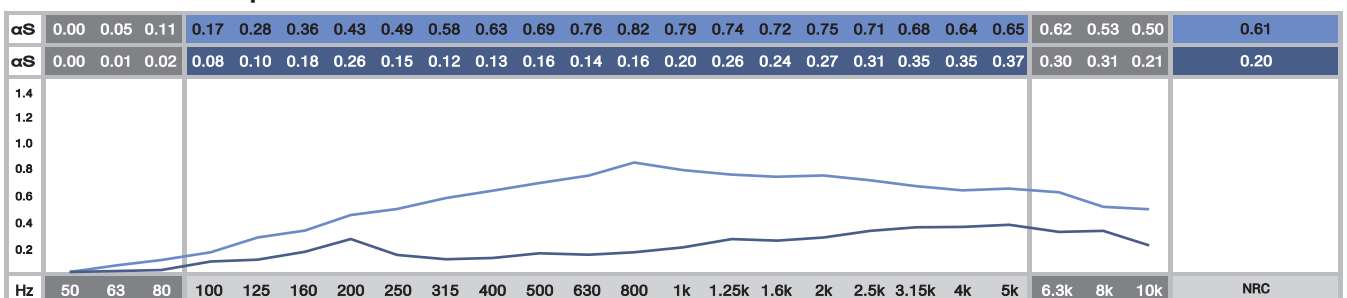
### Technical Drawing:



### Models:

	H	W	D	Kg
EFXCombi	180 cm	120 cm	40 cm	55.5
EFX060	60 cm	60 cm	30 cm	9.5

### ■ Diffusion / ■ Absorption Coefficient:



— 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.