



## EFFECTFUSER® AcSh®

The diffusing acoustic shells are acoustic treatment elements intended for large volume rooms, such as theatres or auditoriums with a stage where orchestral concerts or mere recitals take place. These acoustic diffusing components are meant to project the nonamplified original sound from the stage to the audience. This will enable people to hear the sound coming directly from its sound sources and instruments, without the electro-acoustic inherent characterization or colouring. This panel also aims to enable the stage and the room to be within the same space and not separate in two by the mouth of the stage. JOCAVI's EFFECTFUSER® has been designed at the specific scale of these needs. Due to its shape and depth, the EFFECTFUSER® also has a high diffusion coefficient on medium/low frequencies. The EFFECTFUSER® is a large-sized diffuser that provides a very homogeneous diffusion within the diffuse and sound spectrum.

Manufactured in ABS with a rigid framework, this piece can be coupled and multiplied in order to suit each project's demands. When mounted, several modules should be grouped so as to obtain an area that is proportional to each space. Mounting: They can be hung from the ceiling in a strategic position in order to obtain sound diffusion in the required angles. They can also be mounted with a motorized rigging system from the stage ceiling. These elements / modules are fastened with steel cables by using appropriate mounting accessories. Their low weight makes mounting easier. As with any other JOCAVI® diffusion panel, the EFFECTFUSER® can also be applied on false ceilings, flat ceilings or walls.

The combination of the various EFFECTFUSER®COMBI diffusing pieces must be optimised so as to obtain a diffusion as uniform as possible in the entire room.

### MAIN FEATURES

To adjust the diffusing properties of the EFFECTFUSER®COMBI to the room where this product is applied, the placement of the pieces must be taken into account in order to obtain its best performance, bearing in mind these two types of diffusion:

#### Diffusion with compression effect:

It emphasizes the sound diffusion with a smaller covering angle, effective at a longer incidence distance.

**Features:** efficient at a longer distance; smaller incidence angle; higher sound level.

#### Diffusion with scattering effect:

It emphasizes the sound diffusion with a wider covering angle, effective at a shorter incidence distance.

**Features:** efficient at a shorter distance; less sound level; wider incidence angle.

#### Mounted Model

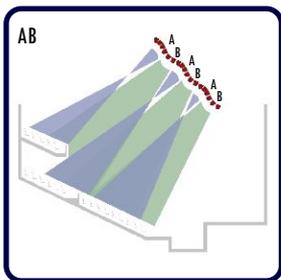
	H	W	D	Kg
EFX 180	1.2m	1.8m	0.32m	42.5

#### Model in the Flight-case

	H	W	D	Kg
EFX 180	1.44m	1.02m	0.75m	60

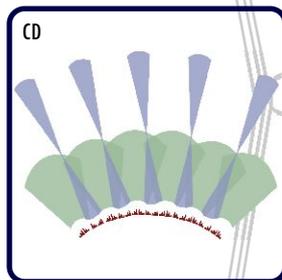
## SCATTERING EFFECTS

SIDE VIEW



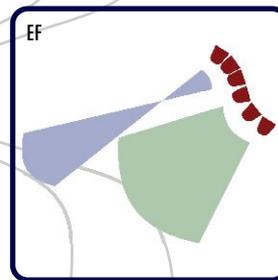
A - Horizontal diffusion with compression effect.  
B - Horizontal diffusion with scattering effect.

TOP VIEW



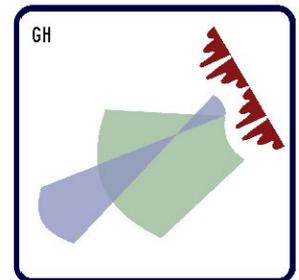
C - Vertical diffusion with compression effect.  
D - Vertical diffusion with scattering effect.

SIDE VIEW (single unit)



E - Horizontal diffusion with compression effect.  
F - Horizontal diffusion with scattering effect.

TOP VIEW (single unit)



H - Vertical diffusion with scattering effect.  
G - Vertical diffusion with compression effect.

## AVAILABLE COLOURS



OPAL



YELLOW



ORANGE



RED



GREEN



LILAC



PURPLE



BLUE



BROWN



GREY