# artnovion

## Helen - Bass Trap - Corner

### **Tuneable Bass Trap**

New fine-tuning possibilities.

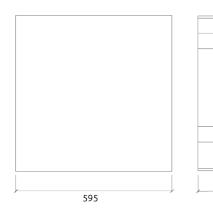
The Corner bass trap is the latest in low frequency absorption. This elegant panel integrates a tuneable membrane over a sealed volume, containing a high performance acoustic core. A secondary compartment positions Helmholtz resonators in the high pressure zone of the room. The panel is completely tuneable, by means of an adjustable weighted membrane, allowing to pin-point the performance of the panel to a target frequency.

The panels' tuneable membrane works in a similar way to a speaker cone, allowing for a much superior - and controlled - performance. A central mass is supported by an elastic membrane - This mass can then be altered to change the resonant frequency of the membrane, stepping the peak performance of the Trap from 58 to 82 Hz.

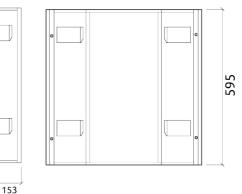
### Performance



### Technical Information









### **Feat ures**

Type: T uneable Pistonic Diaphragmatic Absorber T uneable absorption range: 58Hz to 82Hz.

.T uneable weighted diaphragmatic membrane .Hz-by-Hz fine tuning .Newfine-tuning possibilities.

#### Material:

- Acoustic fabric
- Marine grade plywood structural frame
- Calibrated cell acoustic foam

This panels can only be installed on vertical wall corners. Not for ceiling use.

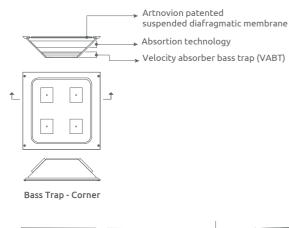
### Dimensions:

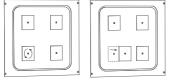
FG - SF | 595x595x153mm FG - WF | 595x595x153mm

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## **Tuneable Bass Trap**







1 Select the weight layout to tune the bass trap to your desired frequency range.

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2 Clip the front of the panel in to the bass trap body, leaving easy access to the membrane.

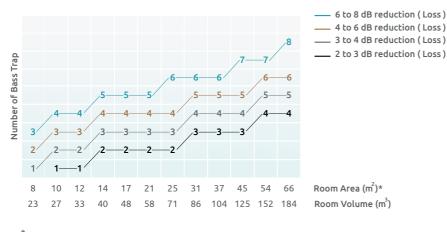
Fine-tuning possibilities

66 Hz

67 Hz 69 Hz 70 Hz

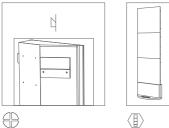
72 Hz 74 Hz 77 Hz 77 Hz 78 Hz 82 Hz

# Corner Bass Trap performance



Ceiling height from 2,7 to 3m

# **Fixing System**



Integrated fixing system





### Purpose

- Room mode control
- Bass ratio control
- Low frequency RT reduction
- Improving low frequency response
- Reducing low frequency time decay

### Recommended for

- Hi-Fi Listening Room
- Media Room
- Home Cinema
- Liv ing Room

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# Tuneable Bass Trap

# Product finishes





(TM202) Bianco











(TM206) Nebbia



(TM208) Fuscia (TM209) Pistacchio (TM210) Turchese

(T P95) Khaki

# (FG - WF) Weave Fabric Finishes

(TP106) Terracotta	(TP107) Teal	(TP108) Emerald	(TP109) Seashell	(TP110) Steel
(TP111) Iron	(TP112) Citron	(TP113) Fandango	(TP114) Carmine	(TP82) Amber
(TP83) Persimmon (	(TP84) Persian Red	(TP85) Claret	(T P86) Cobalt	(TP87) Tardis Blue
(TP88) Alabaster	(TP89) Greige	(TP90) Smoke	(TP91) Licorice	(TP92) Lemongrass

(T P93) Av ocado

(TP94) Snow (T P96) T a u p e