CANTONBASS®

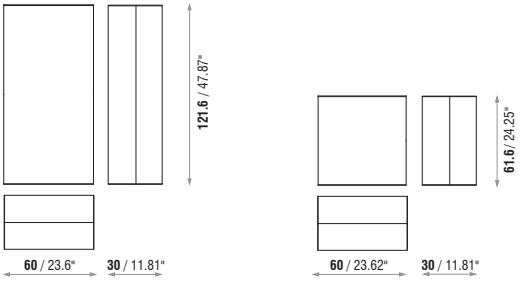
TUNED LF ABSORPTION PANEL

Image of 121,6x60cm model **Ref.:CNT120** (on the left) and **Ref.:CNT120** (ambient image).

DESCRIPTION

Precision-engineered for audiophile rooms, mastering suites, and professional studios, the CantonBass® is a tunable low-frequency absorber developed to meet these requirements, offering exceptional performance in the absorption and tuning of low frequencies. Unlike traditional wall-mounted systems, the CantonBass® requires no installation; simply place it on the floor, in a vertical or horizontal position, and find its optimal location within the room. Each unit contains two dual, carefully engineered resonant boxes equipped with two custom membranes manufactured in-house to guarantee consistent performance across the adjustable frequency range. One box tuned to the fundamental frequency and the other to its harmonic, allowing for fine control and correction of acoustic anomalies in rooms where low-frequency sound accuracy is critical. This innovative solution was successfully applied to fine-tuning the mixing room of Jesse Joschua's studio, achieving outstanding acoustic results and setting a new benchmark in low-frequency management. We supply these panels tuned to 32Hz, 40Hz, 50Hz, and 80Hz, and at their fundamental harmonic frequencies above, in the standard sizes of 120×60×30 cm and 60×60×30 cm, with other customized sizes available upon request.

TECHNICAL DRAWINGS



FEATURES

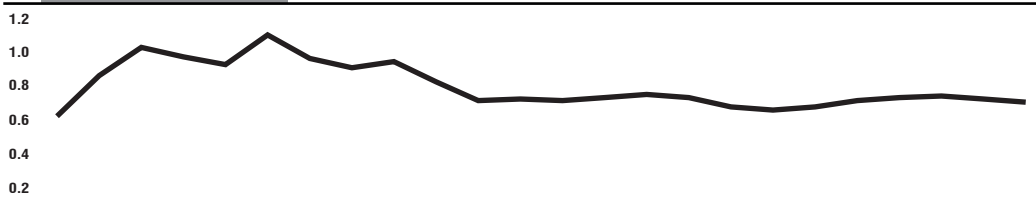
- Uses 60% of recycled materials.
- Tuned to 32Hz, 40Hz, 50Hz, and 80Hz.
- LF Average absorption: **0.95/m²** [>32Hz;<160Hz].
- Fire-resistance: Euroclass B-s1,d0 (similar to old M1).
- 100% recyclable.
- Installation: accessories included.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
CNT 120	**121,6 cm** (47.87 in)	**60 cm** (23.6 in)	**30 cm** (11.81 in)	**32 Kg** (70.54 lbs)
CNT 060	**61,6 cm** (24.25 in)	**60 cm** (23.6 in)	**30 cm** (11.81 in)	**16 Kg** (35.27 lbs)

ABSORPTION COEFFICIENT

αS	0.58	0.84	1.02	0.96	0.91	1.10	0.95	0.89	0.93	0.80	0.68	0.69	0.68	0.70	0.72	0.70	0.64	0.62	0.64	0.68	0.70	0.71	0.69	0.67	0.34	0.31	0.29	0.95
Hz	20	32	40	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	LF AVERAGE [>32Hz;<160Hz]



■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

■ Values [<100Hz and > 5K] are Non Standard Values.

STANDARD FABRIC COLOURS

BEIGE	YELLOW	ORANGE	RED	PURPLE	LIGHT BLUE	BLUE	GREEN	BROWN	LIGHT GREY	GREY	BLACK	WHITE	motif
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	PRINTED IMAGE FINISHING

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.
- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- 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.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.