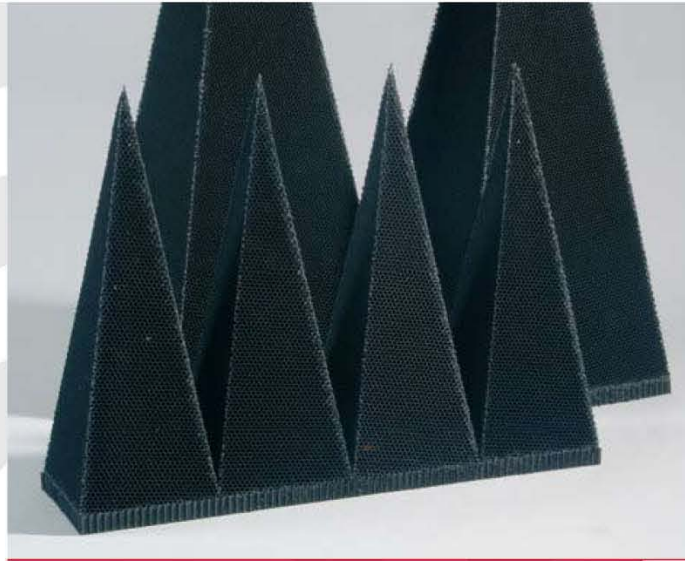


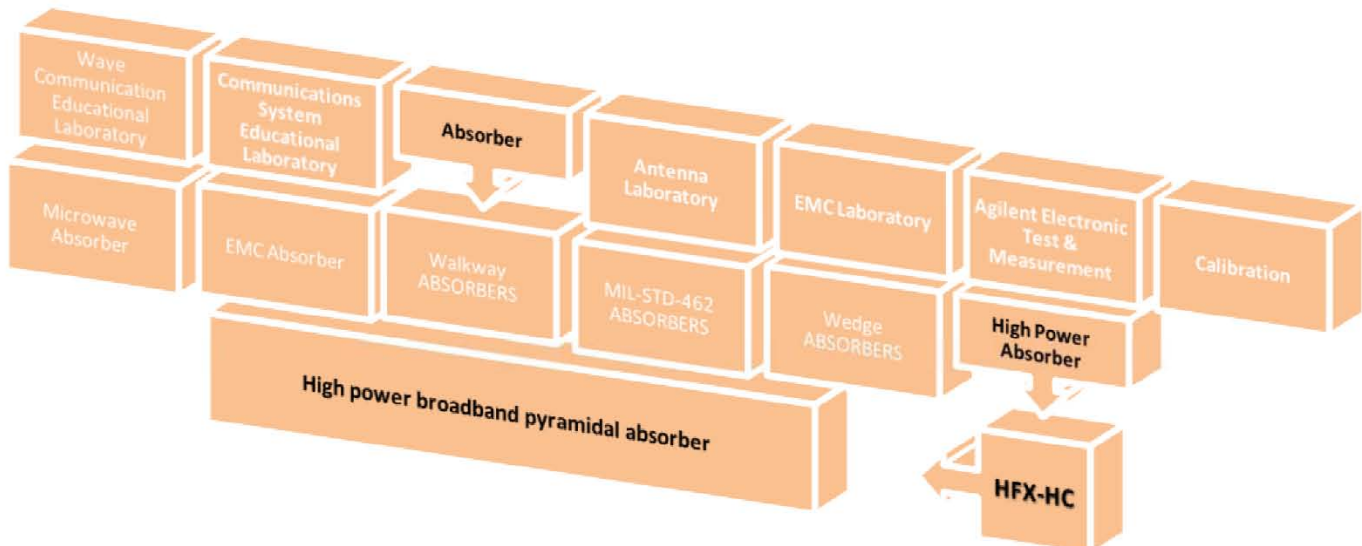
■ **Description :**

ECCOSORB HFX-HC is a series of hollow pyramidal absorbers designed for high-power applications. It is made up of lossy honeycomb material with high fire-retardant properties.



■ **Application :**

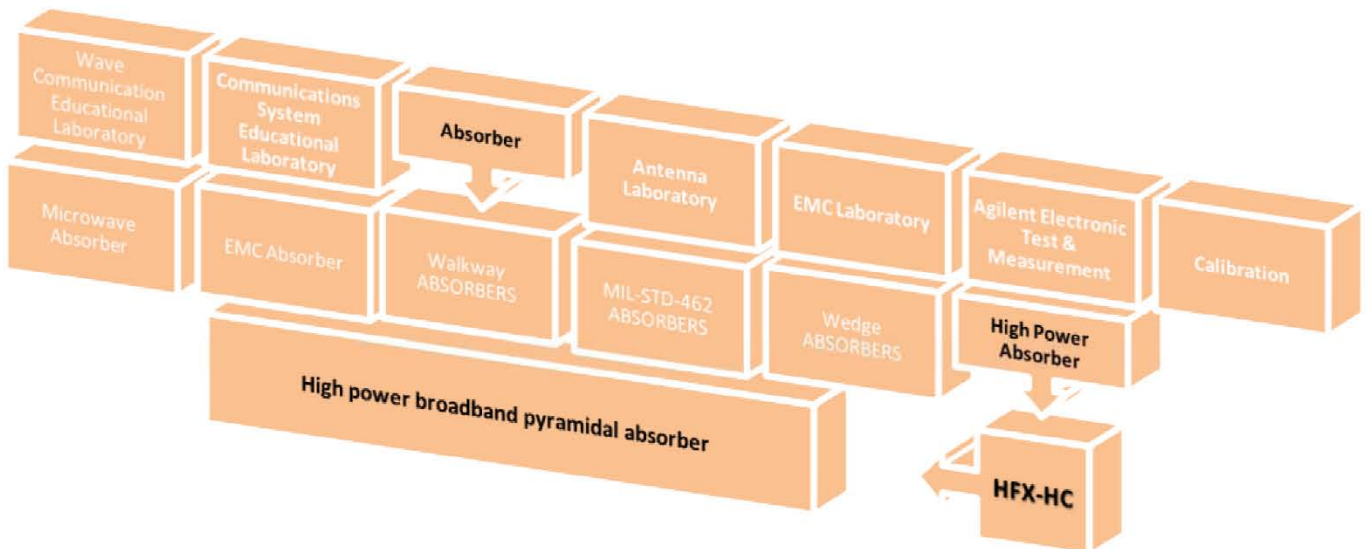
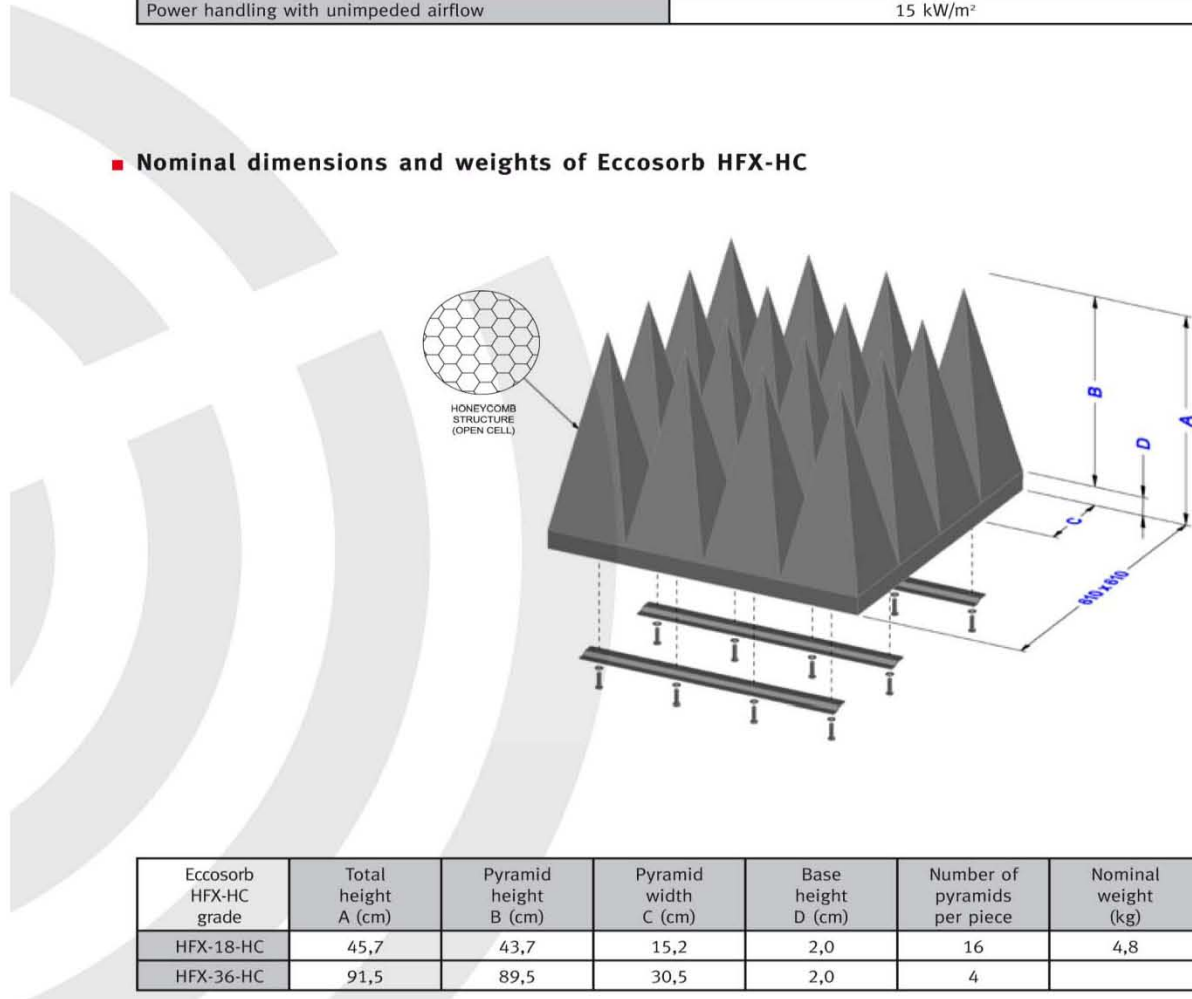
ECCOSORB HFX-HC is a high power absorber which can be used to line partially or totally specific high power densities areas of anechoic chambers. This absorber can be used for near field scanner applications where high power densities are often met. It can be used also to line the surroundings of feed sources of Compact Antenna Test Ranges. The honeycomb structure of ECCOSORB HFX-HC is made out of high fire retardant material and can be easily ventilated to allow higher power illumination.

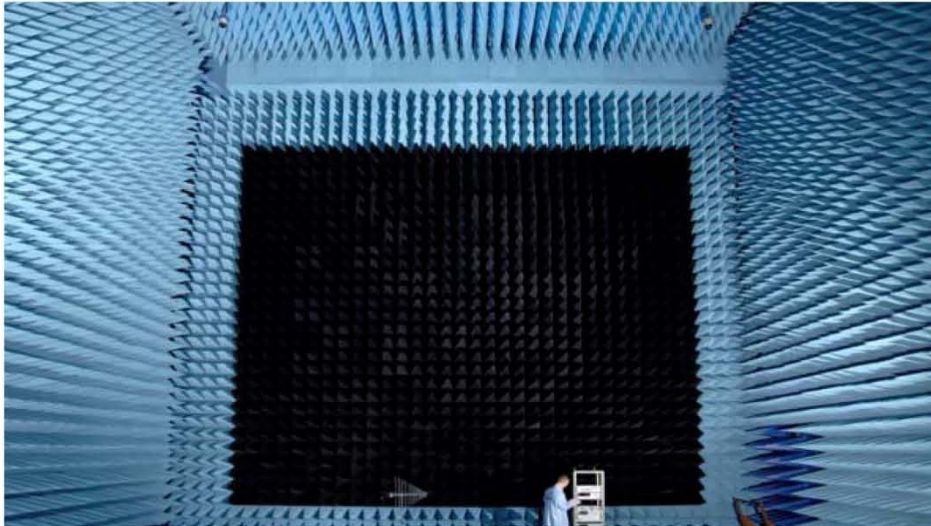


■ **Physical properties :**

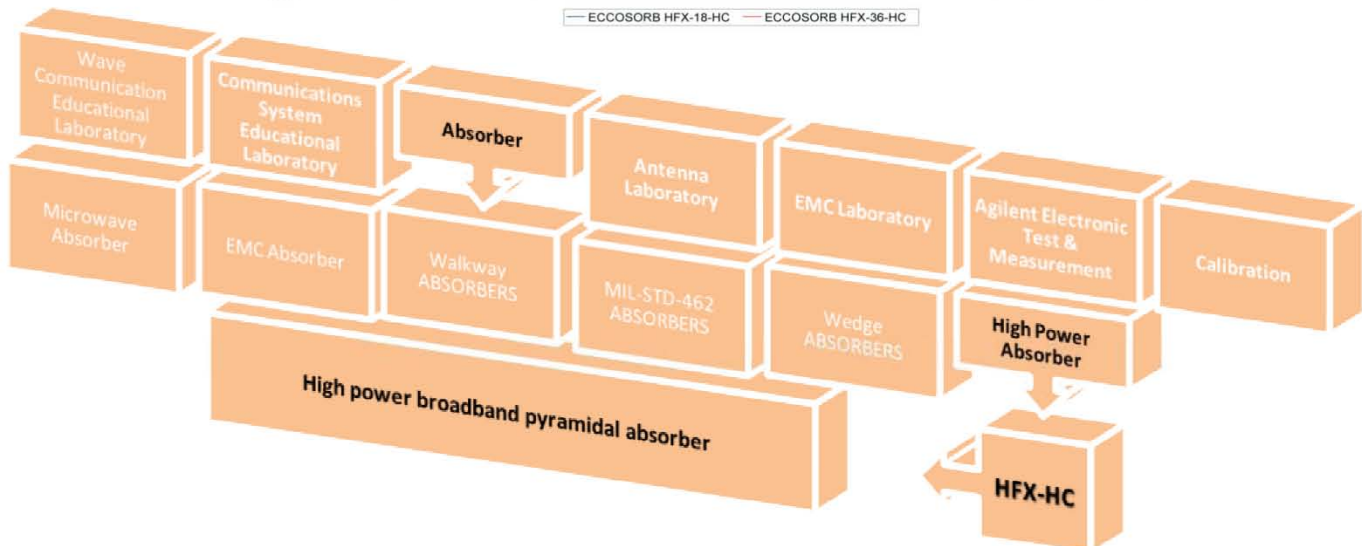
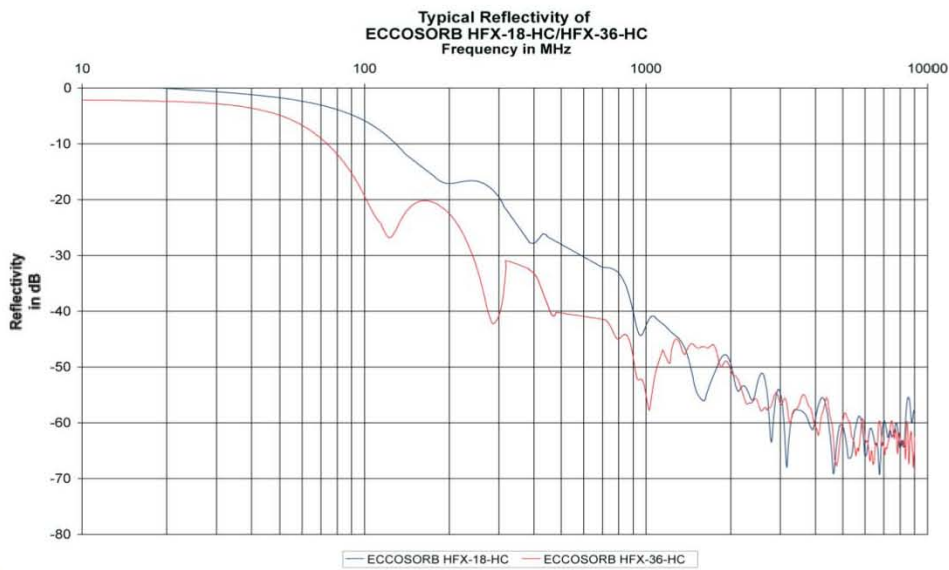
	HFX-HC
Standard Colour	Black
Base size (cm)	61 x 61
Max Service Temperature	170°C
Power handling with unimpeded airflow	15 kW/m ²

■ **Nominal dimensions and weights of Eccosorb HFX-HC**





■ **Electromagnetic properties :**



■ Availability :

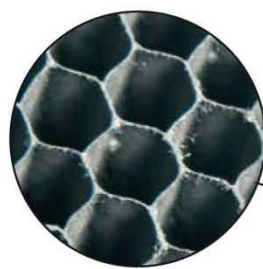
ECCOSORB HFX-HC is available in two standard pyramid heights 18 and 36 inches. Compared to common pyramidal foam absorbers such as ECCOSORB VHP-NRL (see Technical Bulletin EB-100), the power handling capability is larger due to the hollow shape (versus the solid shape of the standard material), the openness of the honeycomb material (allowing free air circulation) and the higher maximum service temperature.

In addition the product lends itself easily to forced-air cooling.

■ Instructions for use :

The preferable way of installation is the use of our special mechanical rail-and-hook supporting system.

This installation mode is compatible with forced air ventilation and will provide a secure fitting of the absorber panel adapted to elevated service temperatures.



Structure detail

