

ECHO BARRIER[®]

Environmentally Sound

CS Cutting Station “Compact”™

Specifications



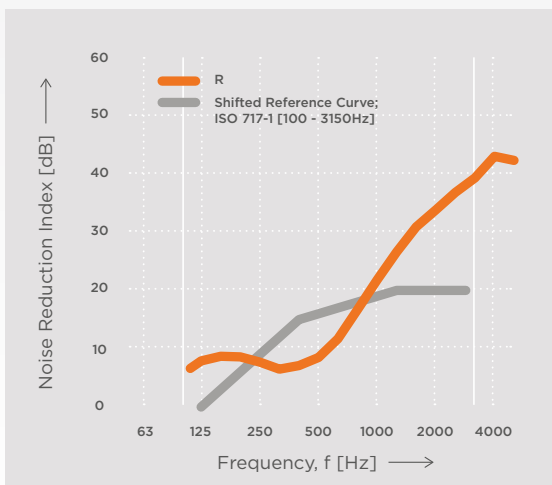
World-leading
temporary noise control.

CS Cutting Station “Compact™”

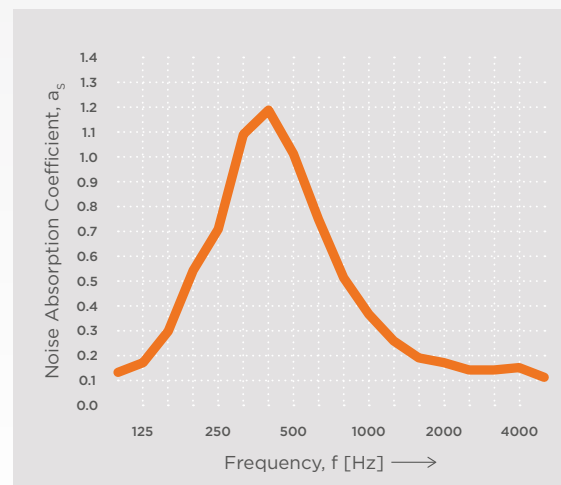
The Echo Barrier CS Cutting Station “Compact™” is a temporary portable acoustic enclosure that can be erected with ease to contain noise from cutting activities. Its innovative design offers superior noise reduction and absorption from all directions without compromising the process for cutting panels, timbers, tiles, tubes or beams of any length. It is ideal for use indoors or next to high rise structures. The viewing window provides visibility for communication and safe working. The simple, flexible and effective design comes with all the components required to prevent noise from bouncing off ceilings and walls, whilst containing dust, debris and fumes. The “Compact™” is smaller in size than the CS Cutting Station™.



NOISE REDUCTION



NOISE ABSORPTION

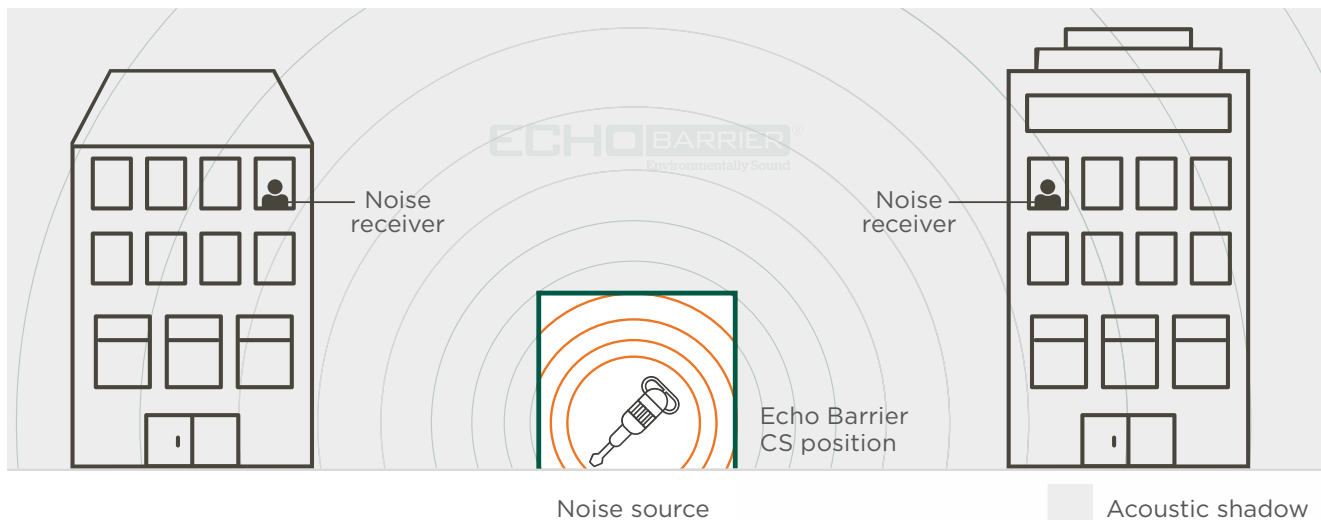


CS Cutting Station “Compact™” specifications

| | |
|--|--|
| Max Noise Reduction (Lab Tested)* | 43 dB (in all directions) |
| Max Noise Absorption (Lab Tested)* | 100% (in all directions) |
| Height | 2100 mm (6 ft 11 in) |
| Width | 2400 mm (7 ft 10 in) |
| Length | 2400 mm (7 ft 10 in) |
| Weight | 96 kg (211 lb) + 12 kg (26 lb) Wheels |
| Water resistant test standard* | BSEN 60529:1992 IPX6/IPX9 |
| Fire resistant test standard* | BS 7837-1996, ASTM E84, EN 13501-1:2018 (barriers), class B1 (windows/roof) |
| Dust resistant test standard* | BSEN 60529:1992 IP4X / IP5X |
| Cold resistant test standard (result)* | BSEN 60068/2/1:2007 (-40°C/F) |
| UV resistant | Yes - material components have various levels of protection as per their data sheets. The Back membrane has UV resistance of Grade 4 |
| Safety features | Night-time reflective strips, hazard icons |
| Quick install | 2 persons in 15 minutes, foldable |
| Installation kits | Not required |
| Frame components / weights | Rear frame x 1 = 10 kg (22 lb), side frame x 2 = 8 kg (17 lb) each, front roof frame x 1 = 6 kg (13 lb), roof support x 1 = 2 kg (4.4 lb), wheels x 4 = 3 kg (6.6 lb) each |
| Acoustic components / weights | PVC roof cover = 10.1 kg (22.3 lb), acoustic side windowed double panel x 2 = 11.9 kg (26.2 lb) each, acoustic front panel with plastic door strips = 17.3 kg (38.1 lb), air extractor panel = 11 kg (24.3 lb) |
| Window option | Included - Window opening can be configured to suit any width of material by simply folding the panels |
| Ventilation option | Includes integral air extraction hood |
| Adjustable | Yes - Height only |
| Wheels | Yes - lockable |
| Anti-theft | Security cable, data tag |
| Cleaning | Power wash |
| Identification code part number | Unique RFID number per unit |
| Manufacturer's warranty | 1 year |
| Colour options | On request |

* Full independent laboratory results can be obtained on request to info@echobarrier.com

Effective installation



What makes our acoustic barriers so effective?



Front outer layer

Extremely durable, high-quality waterproof PVC, of optimum mass to achieve maximum noise mitigation, also offering an impressive visual finish.



Noise-absorbent composite

The heart of the panel: Echo Barrier's lightweight, but highly noise-absorbent composite.



Waterproof breathable membrane/mesh

The membrane/mesh lets in sound, so that it can be absorbed by the composite, but keeps water out.

