

"Eliminator" Acoustic Hoods



- All glass re-enforced GRP construction
- Lightweight
- Reliable operation in hostile service conditions
- Self-coloured yellow
- High background noise attenuation
- Intelligible communications

The "Eliminator" range of, extremely robust, acoustic hoods have been designed to facilitate reliable two-way speech communications in high ambient noise locations. The "Eliminator" acoustic hood is manufactured from rot/vandal resistant glass re-enforced polyester which requires no routine maintenance and is light in weight. The enclosure shell colour is impregnated within the manufacturing process and is therefore protected against ultra violet radiation or other agents that would affect the throughlife colour stability. The "Eliminator" acoustic hoods are resistant to chemical spillage/vapours and are fire-retardant. Glass re-enforced polyester is an extremely strong material, consequently the PSC VODEC "Eliminator" unit is much more robust than traditional metal fabrications. The "Eliminator" range includes a choice of background noise attenuation performance depending upon the application. The VE10 and VE100 are high performance units which include a non-hygroscopic rot-proof acoustic absorption barrier integrated into the inner shell of the housing.

The use of an "Eliminator" acoustic hood not only provides improved intelligibility of communications but also provides shelter for equipment. PSC VODEC are able to supply, as an option, the "Eliminator" acoustic hood fully loaded with, for example pre-wired flashing beacon, telephone instrument and sounder to client specification. Both the "Eliminator" VE10 and VE100 feature the PSC VODEC patented high performance acoustic inner liner. The acoustic matting represents a major improvement on out dated rock-wool/mesh fabrications which have limited performance, require specialised health and safety handling during manufacture and are much heavier. The material is fire retardant to class 0, complies with BS476 and is effective over a wide temperature range. The material is highly stable and is unaffected by sunlight, a special barrier is impregnated during the manufacture which ensures that the complete assembly is totally rot-proof in the most arduous of climatic environments.

Technical data

Acoustic Booth	VE100	VE10	VE1
Temperature range	-50 °C to +70 °C (-58 °F to +158 °F)	-50 °C to +70 °C (-58 °F to +158 °F)	-50 °C to +70 °C (-58 °F to +158 °F)
Humidity	up to 100 %	up to 100 %	up to 100 %
Weight	approx. 35 kg (77.2 lbs)	approx. 15 kg (33.1 lbs)	approx. 13 kg (28.7 lbs)
Dimensions (width x height x depth)	775 mm x 1000 mm x 600 mm 30.51" x 39.37" x 23.62"	690 mm x 690 mm x 500 mm 27.17" x 27.17" x 19.69"	690 mm x 690 mm x 500 mm 27.17" x 27.17" x 19.69"
Noise attenuation	better than 23.5 dBA	better than 21.5 dBA	better than 9 dBA
Colour (RAL)*	1023 yellow, 2004 orange, 3020 red	1023 yellow, 2004 orange, 3020 red	1023 yellow, 2004 orange, 3020 red
Maximum load weight	20 kg	20 kg	20 kg

* Other colours are available on request

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