

## ***T400 HALF SHELF ACOUSTIC HOOD (-19.9dB)***



For internal use or sheltered outdoor use, the T400 H/S is a hard wearing telephone hood with an excellent noise reduction performance of up to 19.9 dB.

Having a medium density rotationally moulded outer shell, the hood is very resilient to damage. The interior is filled with acoustic foam, which is then lined with rigid perforated PVC.

The T400 Half Shelf is suited for easier access to wall mounted payphones. For desk phones, please see the T400 Full Shelf hood.

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### ***Specifications***

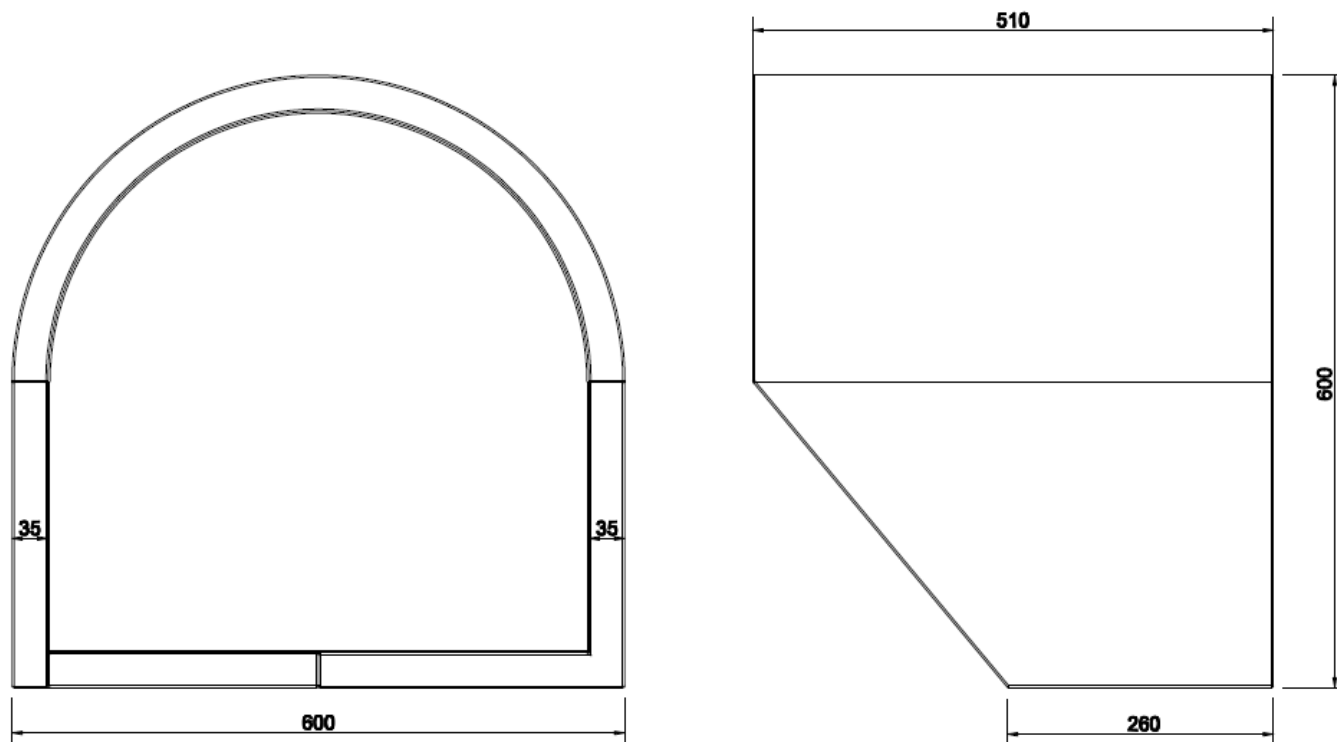
- Dimensions – H605mm W605mm D515mm
- Weight - Approx 6 kg
- Stock colour – Grey ref: SGP454
- Outer Material – 3mm nominal thickness linear polyethylene
- Foam Insulation – 25mm thick melamine foam, approx 9.5kG per m3. Class 0 fire retardant
- Insulation Liner – Perforated white PVC, thickness 0.8mm
- Boxed Dimensions - 635 x 635 x 545mm
- Boxed Weight - Approx 7.8 kg
- Fixings Included - 4 x No.12 Steel woodscrews, 4 x plastic wall plugs



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## Noise Reduction

The T400 acoustic hood was installed into the MIRA anechoic test chamber. A calibrated sound source was positioned around the hood at the rear, left and right faces at a distance of 1.5m from the face being assessed and at a height of 1.4m. A microphone was positioned inside the hood at a position consistent with the location of the telephone. With the source operating, noise was measured at the telephone position both with and without the hood in position.

The difference between these measurements, measured in octave bands, is the insertion loss, i.e. the reduction in noise due to the effect of the kiosk. These measurements were repeated for each source position. Insertion Loss Data results are as follows:

LEFT	REAR	RIGHT
14.6 dB	19.9 dB	15.3 dB

(Measured using a 4kHz Octave Band dB)

Equipment included: Q1030 B&K Sound Source, Q25274 B& K Microphone, Q22796 B&K Microphone, LMS Frontend, Q13432 Calibrator.



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