

Air Guardian Wall Bracket

Installation Sheet

Included Parts:

- (i). Rear Wall Channel (bottom pic)
- (ii). Unit support mount (middle left- 2 red covers)
- (iii). Support mount support (tool) middle right
- (iv). Bottom Cover plate (C shape - middle pic)
- (v). 4 Locating Bolts large, 2 Cover screws Small. (Next v above)
- (vi). Remote Control - not in pic
- (vii). Bag small spares (Cat5e mount, selection bolts) -not in pic
- (viii). Cover (cut to fit) - (top pic)



- (a). wall channel has series of holes in rear plate.
- (b). Top of channel has fixed cover plate, bottom has two small holes for bottom cover.
- (c). Locate channel for unit location center. Top of bracket should be ideally 30cm from ceiling. (the series of holes run top to bottom - NOT LEFT TO RIGHT)
- (d). IMPORTANT - ENSURE CHANNEL IS CORRECTLY VERTICAL
- (e). Use 2 top and 2 bottom small holes for primary fixation.
- (f). IMPORTANT - ENSURE EACH FIXING ABLE TO SUPPORT 18kg.
- (g). Larger holes can be used for fixing however these are primarily for ease of cable entry if required.
- (h). Use additional small holes to ensure adequate structural support.

(i). With the wall channel mounted ensure that the 230v supply is located within 1000mm of the channel using a 13a fused switch spur with a 3a fuse.

(j). Locate and install either a surface mount double gang pattress or dry wall box for the remote control. Take the supplied RJ45 cat5e cable between the channel and the pattress.

Note if the installer is using their own Cat5e cable then it must be through wired i.e. no cross over as per a patch connection A:A or B:B. The maximal distance is currently 8m total cable length.

(k). Slide Unit support mount, with red covers removed, into channel. The two bolt pins should be uppermost.

(l). Install bottom cover and retain using supplied two small bolts.

(l). The main unit can now be lifted onto the bracket in this lowered position. The underside is secured using the two bolts located in the main unit base.

(m). Slide main unit upwards and slide in the support mount support tool. This prevent the unit falling and aids locating the side fixing bolts.

(n). Install side fixing bolts.

(o). Cut cover to correct size.

We have used Marshall Tuffnel 100mm plastic trunking lid for the cover. This system is readily available to most main electrical contractors so if a mistake is made additional supply should be available on site.

Ⓟ. Fit cover

(q). Connect Remote to Cat 5e and install. Cover has been designed to fit a standard two gang box. Gently pull out the plastic mount plate which allows for concealed screw heads.

Inset Cat5e into Rj45 connector. Install.

Ⓡ. Install Unit RJ45 to socket marked passive.

(s). Install IEC plug into unit rear.

If you require technical support call Carnegie Medical on 01666 829200