



325 Series Below Panel Installation Guide



AeroCatch® 3 kit contents:

2 x AeroCatch® 3

Operation

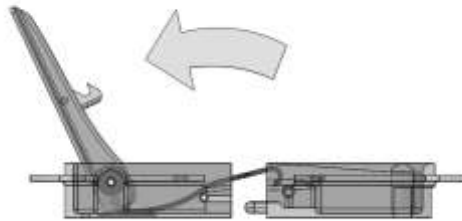
Before starting please familiarise yourself with the AeroCatch® 3. Depress the square shaped secondary lock button and lift handle until you override the handle hold-up detent, around 110°. (See fig 1)

At this position, the drawhook is clear of the strike allowing the panels to be pulled apart and the shear tongue disengaged. (See fig 2)

Fig 1



Fig 2



To close the latch, put the panels together and engage the shear tongue, push the handle down until the drawhook engages the strike, pulls the panels together and the secondary lock button snaps in position. An audible click can be heard as it locks.

Installation

Once you have unpacked your AeroCatch[®] 3 kit you will need to mark the panel. You can use the AeroCatch[®] 3 and mark around the housing or make a template using the dimensions from the installation drawing.

First clamp the two panels together in the required position. Lay your template out to determine the centre line of the latch and the panel split line.

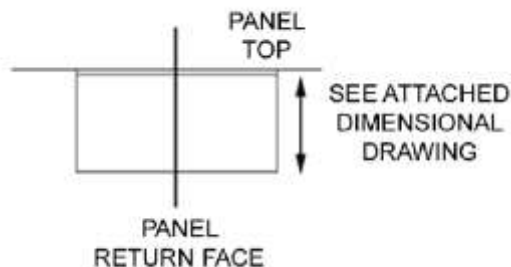
Fig 3



Check that there is sufficient room below the panel for the housings and the location is either flat or with minimal radius. Place the template onto the panel. Line up the split lines with the edge of the panel and mark around the cut-out template.

Remove the clamps holding the panels together and mark the cut-out on the return face of both panels. You can now cut the panels as required.

Fig 4



The AeroCatch® 3 325 Series is installed from below the panel and it is recommended that it is retained by bonding and layering in with material compatible with the panel structure.

The 325 Series mounting flange is set below the top of the latch to allow for a 4mm panel thickness. When using a 325 Series with a thinner panel it will be necessary to pack behind the flange so that the top of the latch is flush with the top of the panel, panel thicknesses above 4mm will need rebating accordingly.

AeroCatch® 3 325 Series installation

Fig 5

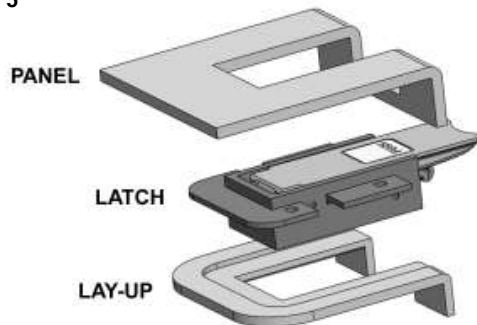


Fig 6



View from below panel

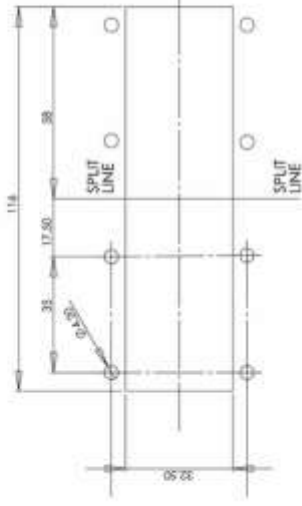
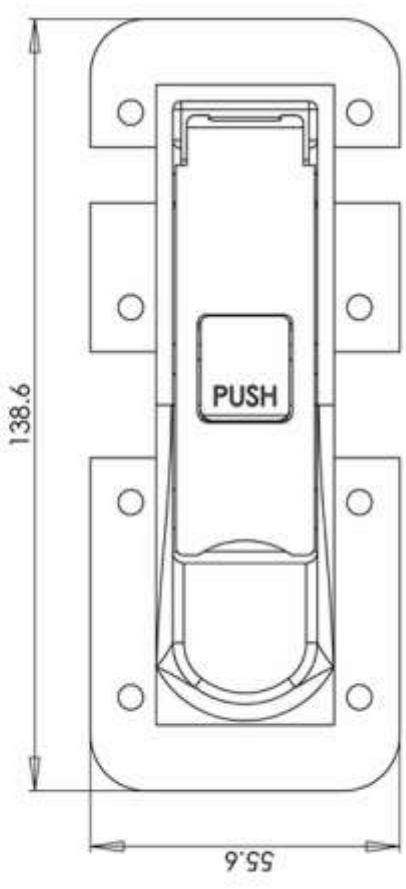
Care of your AeroCatch® 3

To optimise performance of your AeroCatch® 3, clean mechanism regularly with a small brush and lubricate with a light oil spray wiping away any excess.

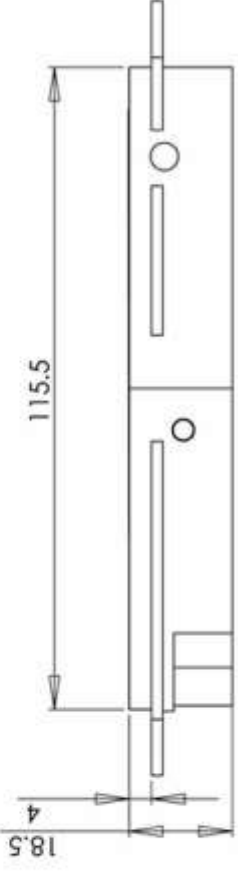
Technical Support

Should you encounter problems or wish to use it in a different application area please call our technical support +44 (0) 1803 868677 or email sales@aerocatch.com.

DO NOT SCALE DRAWING IF IN DOUBT, ASK DEBUR AND BREAK SHARP EDGES 0.05-0.15 UNLESS SPECIFIED DIMENSIONS SHOWN ARE FINISHED DIMENSIONS IF NOT SIGNED APPROVED, DRAWING IS REFERENCE ONLY, PROJECT NO. - AEROCATCH 3



Panel cut-out



NOT TO SCALE



TOLERANCES:
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETRES
SURFACE FINISH: AS MANUFACTURED
ALL TOOL TIP RADIUS UNLESS OTHERWISE STATED
ANGULAR: 1°

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ANGULAR: 1°

FILE: 325 SERIES BELOW PANEL DIMENSIONS AND PANEL CUT-OUT
DATE: 12/01/2011
DRAWN BY: J. JONES
DATE: 12/01/2011
APPROVED BY: J. JONES
DATE: 12/01/2011

ISSUE	ECH NO.	REVISION	BY	DATE
A		PROJECTION: THIRD ANGLE DRAWN BY: J. JONES 325 SERIES SCALE: 1:1 SHEET 1 OF 1		