

Fitting Instructions –AGB Eclipse Fire Rated Adjustable Concealed

AGBH32(finish)

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Last modified by: Brock H

For best results when fixing ball bearing hinges follow these instructions.

Atlantic recommends this product is fitted by a joiner.

Before beginning installation, check the product is as required/ordered.

Separate out all components supplied as follows:

- X1 Concealed hinge
- X4 Cover Plates

You will also require

- ½ collet router
- Router jig to work with Eclipse Hinge
- 27mm guide bush
- 16mm router bit

- 1) First, mark out the desired position of the hinge on the door. Use the indexing mark on the jig to line up the correct location, and clamp in place. Make sure the fence on the jig is set up for the correct thickness of door.
- 2) Next, set the router bit to the correct depth for the hinge leaf, on the sash side, accounting for the depth of the jig.
- 3) Now, using the correct template, router out for the leaves, DO NOT MOVE THE JIG
- 4) Adjust the depth of router to account for the full depth of the hinge body and change the template over for the correct size.
- 5) Router out for the hinge body.
- 6) Now remove the jig from the sash and mark out the correct hinge location on the frame side, and clamp the jig in place using the indexing marks on the jig. Also fit the correct template into the router jig.
- 7) Set the router up to the correct depth for the leaves of the hinge and router them out.
- 8) Change the template for the main hinge body one, DO NOT MOVE THE JIG.
- 9) Router out for the main hinge body, making sure to router out to the correct depth.

- 10) Remove the jig and clean out any sawdust in the mortices.
- 11) Repeat the above steps for the correct number of hinges for the door.
- 12) Push the hinges into the frame side and fix in place. Slacken off the vertical adjustment screws.
- 13) Offer up the door and push the hinges into place fixing them into the door.
- 14) Move the door on the adjustments within the hinge until the reveal is even all the way round.
- 15) Finally clip the cover plates onto the hinges.