

Installation Instruction

DH-350

Proper installation of this unit is extremely important as it relates to the overall performance of the unit. In a typical installation of a storefront door and frame, it is important to ensure that the doorframe is square within the opening. However, with this type entrance, it is extremely important that the door be square with the doorframe. Making sure that the door is square with the doorframe will ensure that you have a door that opens & closes with ease. It will also ensure that the 3-point locking system performs adequately. Below are the specific instructions for the glazing & installation of this unit:

DOOR GLAZING

THIS IS AN “IMPACT RESISTANT” DOOR. THE MANUFACTURER SUGGESTS THAT THIS DOOR BE BENCH GLAZED PRIOR TO INSTALLATION.

- During the glazing process, the door must be laying flat on a bench
- Interior non-removable glass stops are factory installed
- Clean the glass area with alcohol or an approved cleaner using the “2-wipe method”
- Insert the interior silicone backer/gasket (**horizontal backer should be cut to run thru**)
- Secure the interior silicone backer/gasket using a block of wood or a mallet
- Apply silicone (**Dow 995**) in the area between the gasket and the interior glass stops, approximately 1/8” above the level of the interior silicone backer/gasket
- Prior to installation of the glass, clean the glass edge using the “2-wipe method”
- Carefully install the glass
- Apply the exterior glass stops
- Securely install the exterior wedge gasket using a roller or a mallet
- Flip the door and clean off excess silicone from the interior edge of the glass using a putty knife

* “2-wipe method” – use two clean, lint free rags. Apply alcohol or approved cleaner to one rag. Wipe area where silicone is to be applied thoroughly, removing all oils and dust or dirt. Using the second dry rag, wipe the same area thoroughly.

DOOR & FRAME INSTALLATION

THIS IS AN "IMPACT RESISTANT" DOOR & FRAME. BECAUSE OF THE THICKNESS OF BOTH THE ALUMINUM AND THE GLASS, IT IS ADVISABLE THAT AT LEAST TWO INDIVIDUALS ARE INVOLVED IN MOVING AND INSTALLING THIS DOOR.

- Set frame in center of opening (threshold should be set in a bed of sealant)
- Remove the screws (#10-24 X ½") at the header
- Remove door stop at the header
- Install first anchor below the hinge (install shims prior to tightening)
- Tighten completely
- Install second anchor at top (install shims prior to tightening)
- Tighten completely
- Remove "secure screw" from the hinge on the door
- Secure the additional screws (4 ea. #12-24 X ½") from the accessory package
- Carefully align the holes in the butt hinge with the holes in the back-up plates and fasten the door to the frame. Completely support the door during this step.
- Check alignment of the door with the frame. Adjust as needed.
- This door uses a 3-point locking system and therefore must be properly aligned in order for the door to properly lock and unlock. Prior to walking away from this entrance, test the locking hardware with the door in an open position. If the hardware does not operate properly with the door in an open position, contact the door manufacturer. If this door does operate properly in an open position, close the door and again, test the locking hardware while in a closed position. If the door does not operate properly in the closed position, adjust the alignment of the doorframe until both the door and frame are in sync.
- With a 6' level, check level and plum of entrance
- Position frame on lock side to match location of frame on hinge side.
- Install anchor at bottom (install shims prior to tightening)
- Tighten completely
- Close door & adjust frame to make sure the doorframe is square with the door.
- Test the locking hardware while the door is closed. If the door does not operate properly, adjustment of the doorframe is necessary.
- Once the door is square with doorframe, install an anchor near top
- Re-check unit for squareness between door & doorframe
- Adjust as necessary
- Install balance of anchors
- Trim the bulb gasket on the vertical stops (vertical bulb gaskets must mate with horizontal bulb gaskets)
- Install vertical Door Stops using a wood or rubber mallet
- Apply sealant at junction of vertical and horizontal bulb gasket

INSTALLATION INSTRUCTIONS FOR THE DOOR CLOSER ARE PROVIDED WITHIN THE CLOSER BOX.