

INSTALLATION MANUAL



WARNING

DO NOT INSTALL, OPERATE OR SERVICE THIS PRODUCT UNLESS YOU HAVE READ AND FULLY UNDERSTAND THE ENTIRE CONTENTS OF THIS MANUAL. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, BODILY INJURY OR DEATH.

WARRANTY INFORMATION

Thank you for purchasing Blue Giant products. We appreciate your business, and are confident that our product will serve you for many years to come. In the event that you experience a problem with our product, our Warranty Center is here to support the Blue Giant Product(s) that you have purchased.

To validate warranty on recently purchased equipment, please complete and submit your information with our on-line Warranty Registration at www.BlueGiant.com.

For more information about Blue Giant's Warranty Support, please contact your local Blue Giant Equipment dealer, representative or authorized partner near you. You may also visit www.BlueGiant.com or phone 1-905-457-3900.

* Note that failure to validate warranty at the time of receipt can seriously affect the outcome of any claim.

EXCLUSION OF LIABILITY

The manufacturer assumes no liability for damage or injury to persons or property which occur as a result of defects or faults in or incorrect use of the dock seal system. The manufacturer also assumes no liability for lost profits, operating downtimes, or similar indirect losses incurred by the purchaser. Injury to third parties, irrespective of its nature, is not subject to compensation.

The manufacturer reserves the right to make changes at any time to the modules, components, and accessories, concurrent with its continuing product development program. Specifications, operating instructions, and illustrations included in this manual are subject to change without notice. Please contact manufacturer for the latest information.

MANUFACTURER'S NOTE

The dock seal has been carefully inspected and tested at the manufacturer's plant prior to shipment, but should be checked upon receipt for transport damage. Any observed transport damage is to be listed on the signed copy of the freight document. Notify the freight forwarder of any damage WITHIN 48 HOURS.

OWNER'S PURCHASE RECORD

OWNER'S PURCHASE RECORD Please record information for future inquiries	
Dealer:	Date in Service:
Serial Number(s):	Number of Units:
	Door # :

The manufacturer offers a full line of dock levelers, dock safety equipment, accessories, ergonomic and scissor lift equipment, and industrial trucks. Concurrent with a continuing product improvement program, specifications are subject to change without notice. Please contact the manufacturer for latest information. Some features illustrated may be optional in certain market areas.

Parts List

- | | |
|---|--|
| <input type="checkbox"/> 1 Head Frame c/w air bag | <input type="checkbox"/> 3 Trim Angles |
| <input type="checkbox"/> 2 Side Frames c/w air bags | <input type="checkbox"/> 2 Steel Guards |
| <input type="checkbox"/> 1 Top storage Curtain | <input type="checkbox"/> 2 Foam Bottom Buns |
| <input type="checkbox"/> 2 Side storage Curtains | <input type="checkbox"/> 1 ½ H.P motor / blower assembly |

Hardware – Wood Frame

- 12 - 3/8" (10mm) x 3" (76mm) Sleeve Anchors
- 25 Roofing Nails
- 48 #14 x 1 ½" (38mm) Wood Screws
- 2 6" (152mm) hose clamps
- 8 5/8" (16mm) X 4 ½" (114mm) wedge anchors
- 1 Installation Instruction

Hardware – Galvanized Frame

- 15 - 3/8" (10mm) x 4" (101mm) Sleeve Anchors
- 60 #14 x 1" (25mm) Tek Screws
- 8 5/8" (16mm) x 4 ½" (114mm) wedge anchors
- 2 6" (152mm) hose clamps
- 1 Installation Instruction



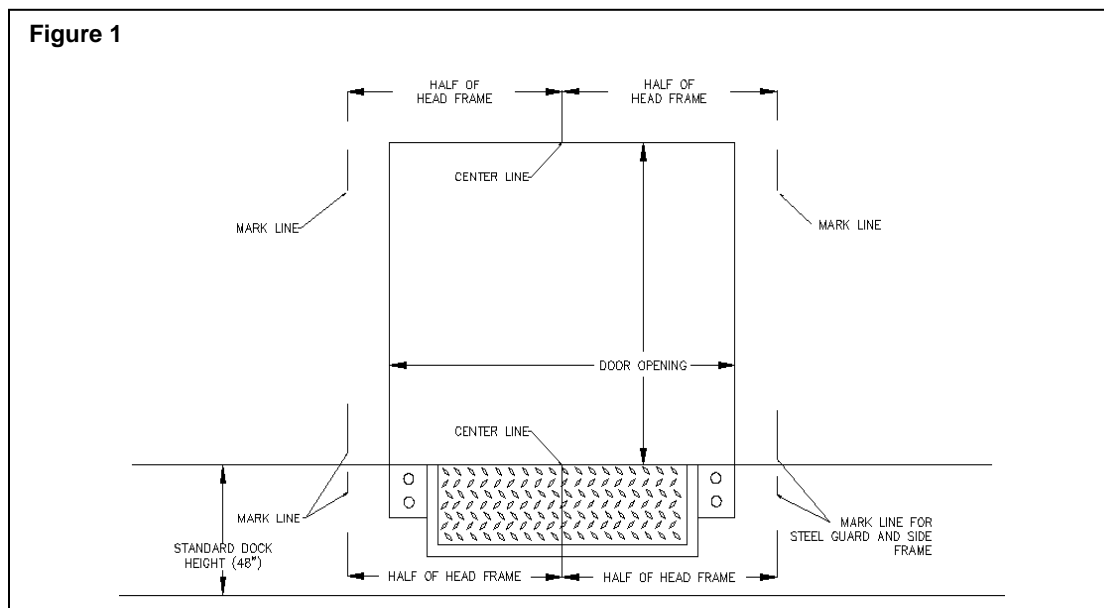
WARNING!!!

Post safety warning and barricade work area, at dock level and ground level to prevent unauthorized use of the dock position while service work is being performed.

Instructions:

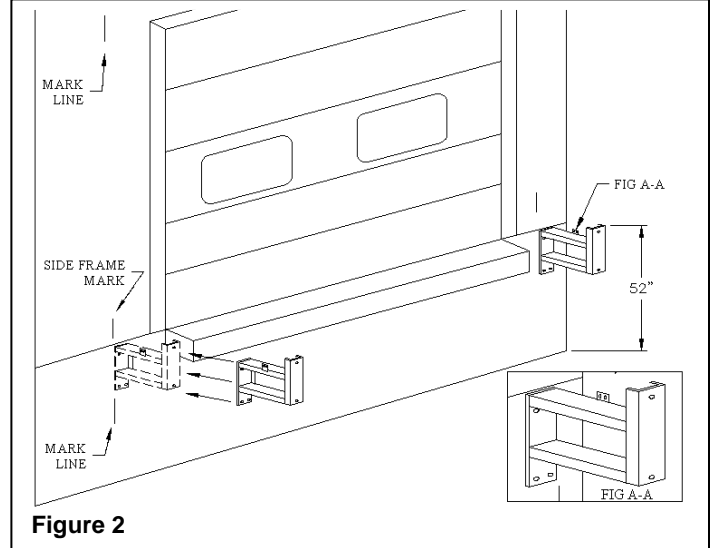
1. Marking and mounting locations for side frames and brackets.

Measure one half of the top frame length. From the center line of the door opening (top & bottom) mark out the location of the outside of the side frames and steel guards as shown in **Figure 1**. Repeat for the other side frame and steel guard location.



2. Attaching the steel brackets to the wall.

Using four (4) 5/8" (16mm) x 4 1/2" (114mm) wedge anchors, mount steel guards on the building foundation so that the outside edge of the back plate is flush with mark made in step #1. Make sure that the front channel on the steel guard is 52" off grade figure 2. **Note:** Be sure to mount the steel guards with the top bracket towards the outside)

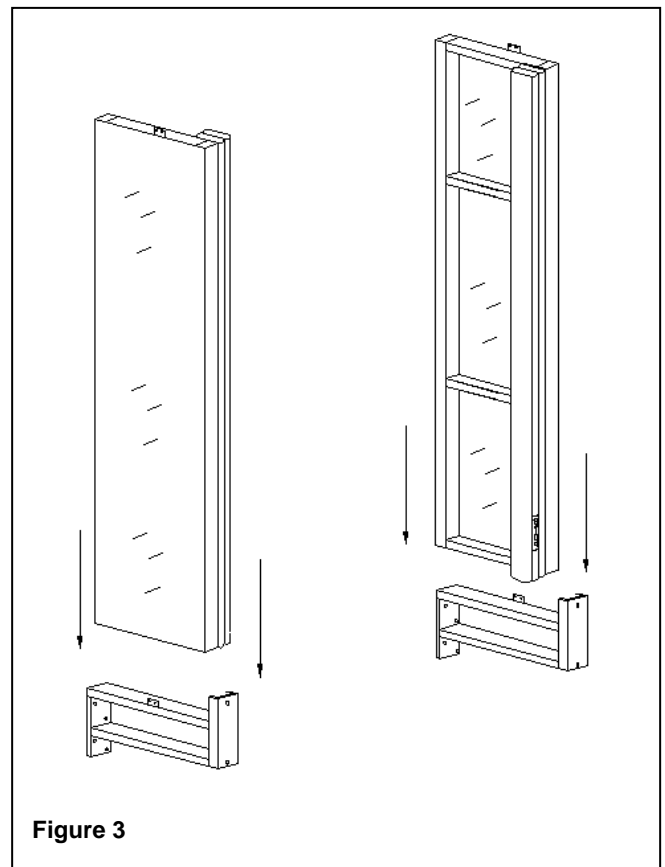


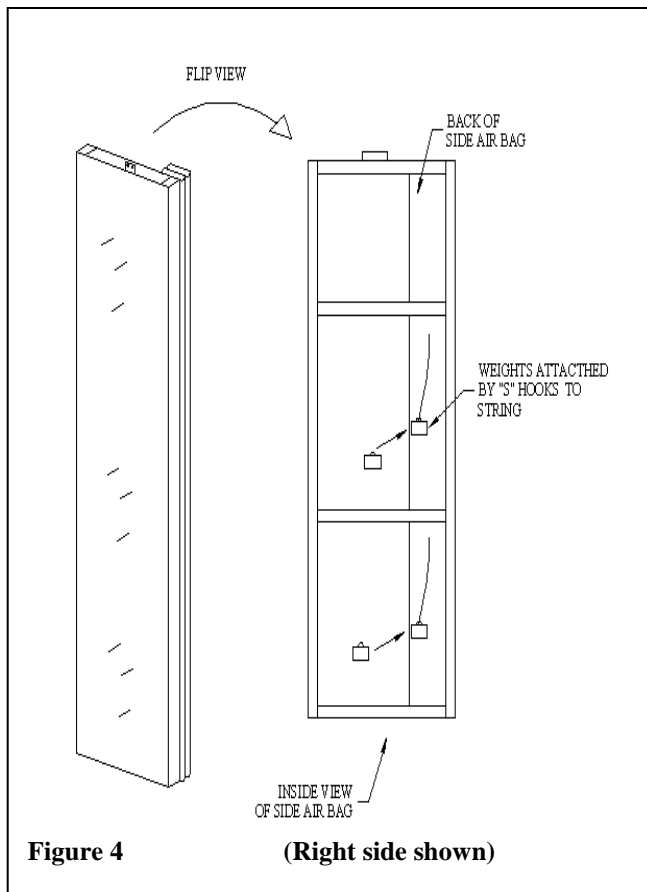
3. Attaching side frames to the wall.

Place one vertical frame in place lining up the outside edge of the side frame with the marks as shown in **Figure 1**. Ensure that the side frames are plumb and sit flush with the building wall. Also make sure the bottom of the side frame sits flush with the outside edge steel guard. Fasten each frame to building wall using five (5) 3/8" (10mm) x 3" (76mm) sleeve anchors supplied for wood frames. For galvanized frame use 3/8" (10mm) x 4" (101mm) sleeve anchors. Repeat steps 2 & 3 for the other side frame. **Figure 3**

4. Repeat steps 2-3 for other side frame.

Note: It may be necessary to thru-bolt on siding wall to secure frames properly.



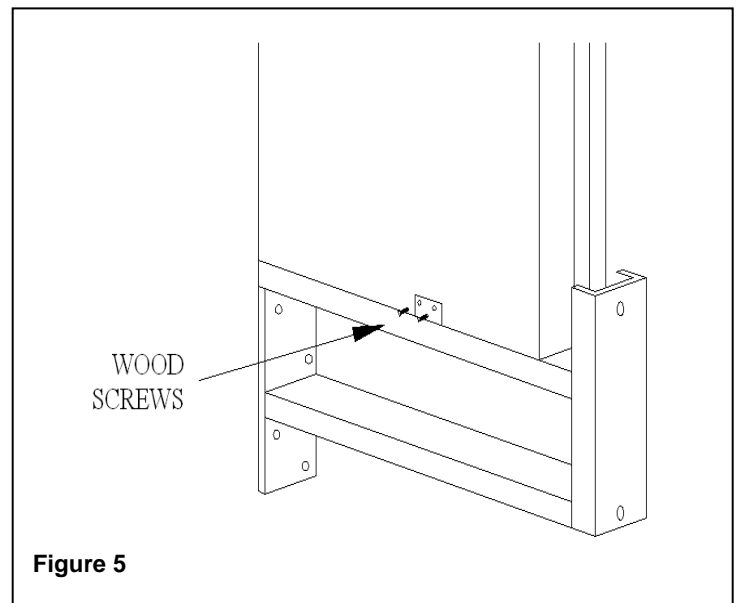


5. Attaching weights to side frames.

Add the supplied weights (two per side) to the inside of the side air bags. Connect each weight to the “S” hook attached to rope that is hanging from the brass pulley’s behind air bags, then close “S” hook. **Figure 4.** Repeat for other side air bag.

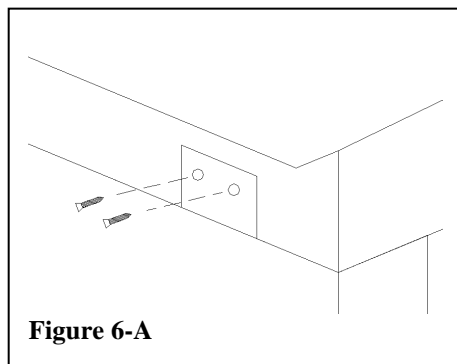
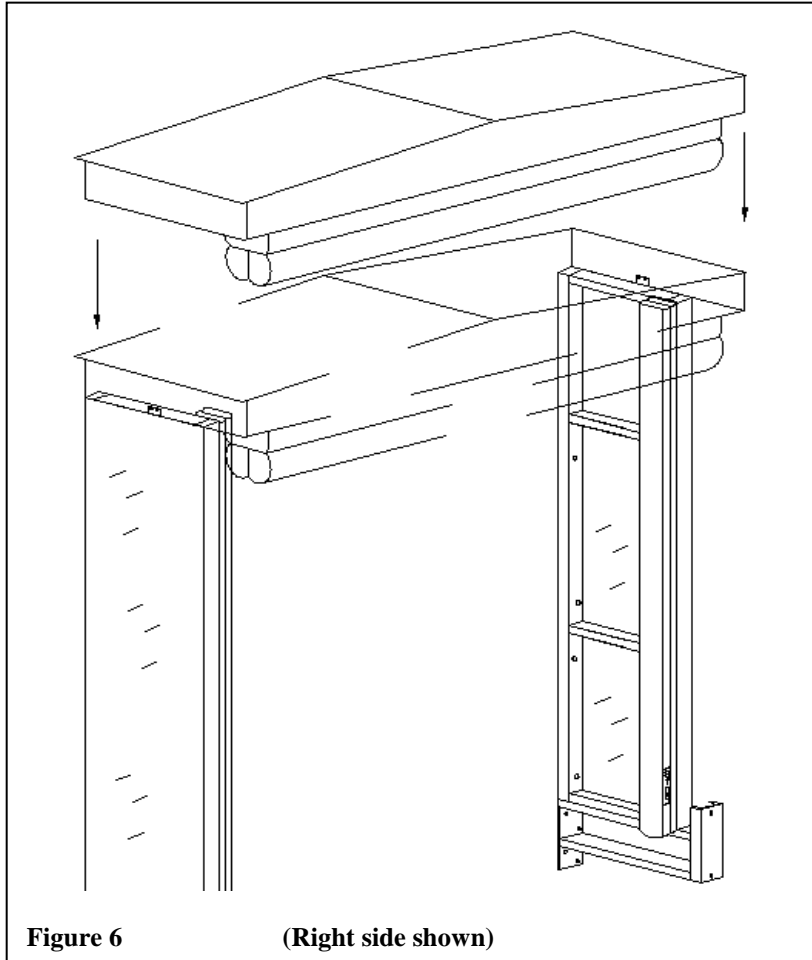
6. Attach side frame to steel guards.

Secure side frames to steel guards using two #14 x 1 1/2” (38mm) wood screws for wood frame, or two #14 x 1” (101mm) Tek screws for galvanized frames. **See Figure 5.**



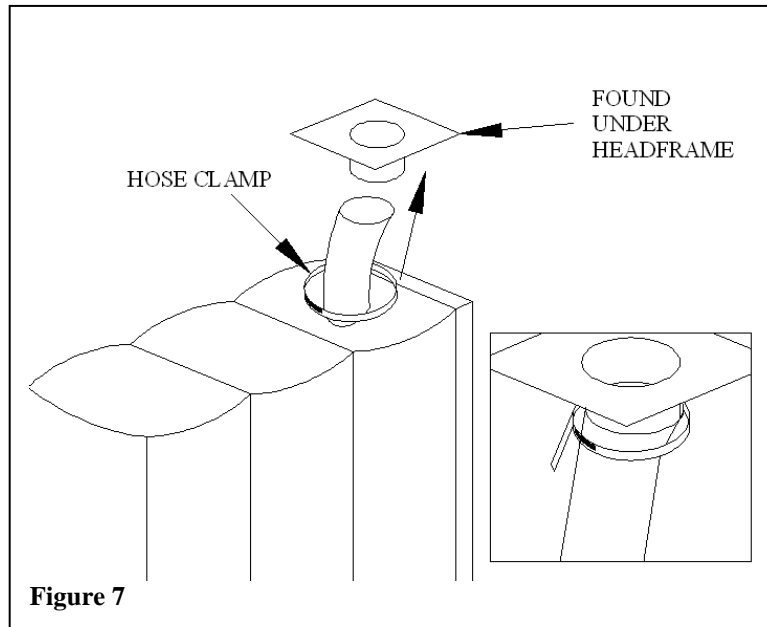
7. Mount top frame to wall.

Place head frame on top of vertical frames and fasten to the building wall using five 3/8" (10mm) 3" (76mm) sleeve anchors. Fasten top bracket on side frame to side of top frame using #14 x 1.5" (38mm) wood screws. As shown in Figure 6 and 6-A.



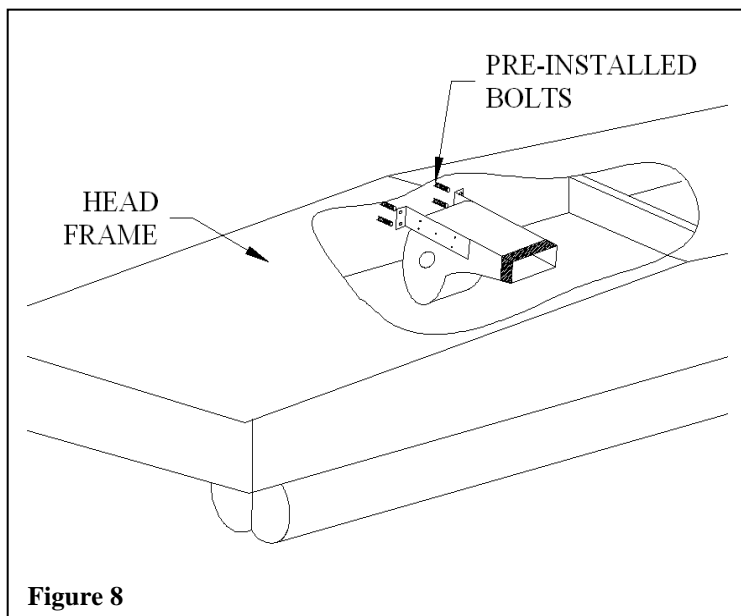
8. Air Duct Connection

Secure air connection from vertical air bags to galvanized air ducts in head frame using 6" (152mm) hose clamps provided. Repeat for other side air bag. **See Figure 7.**



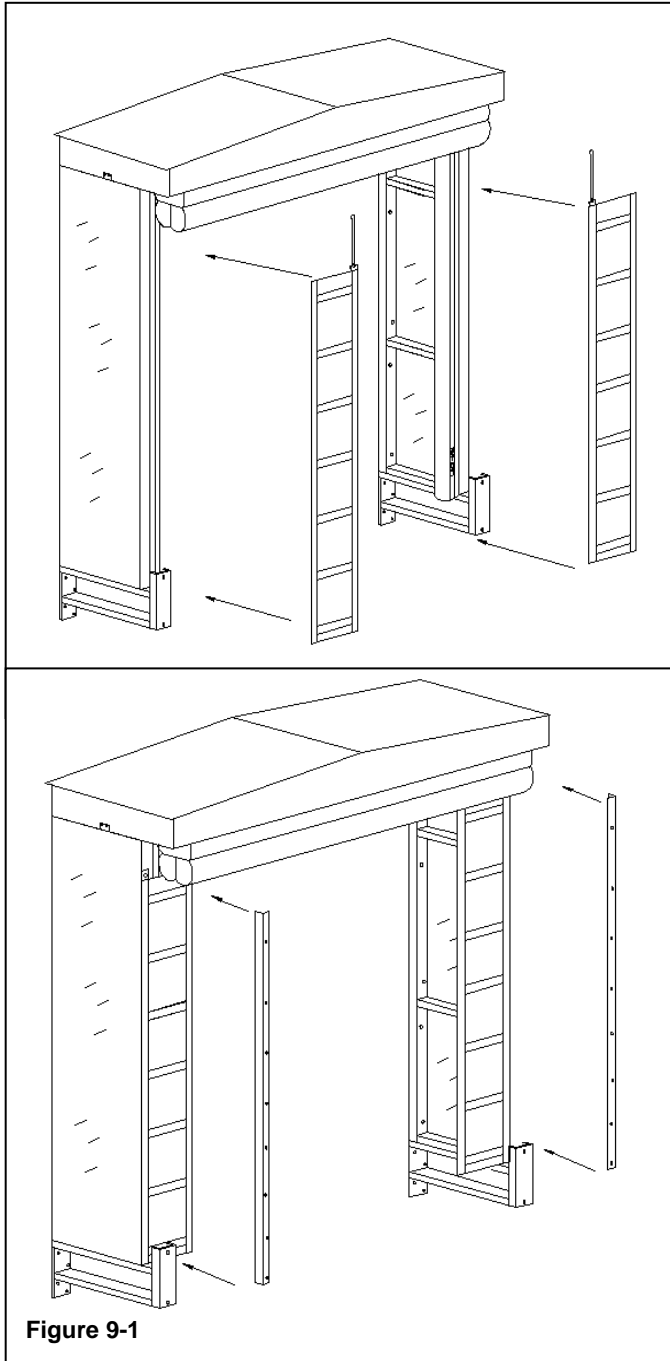
9. Mounting blower

At the rear of head frame mount blower onto carriage bolts pre-drilled and supplied by factory. **See Figure 8.**



10. Attaching side and head curtains to frame.

10A) Attach the side curtains to the side frames using roofing nails supplied for wood frame. For galvanized frame fasten side curtain to side frame thru grommet in top of side curtain using one #14 x 1" (101mm) Tek screw. Make sure side curtain sits flush with bottom of side frames. **Figure 9 and Figure 9-1.** Attach the top straps on the side curtain to the head frame as shown in the illustration.



10B) Secure each side curtain to frame using one 1.5" (38mm) x 2.5" (64mm) trim angle supplied (figure 6-A) Fasten using #14 x 1.5" (38mm) wood screws for wood frames or #14 x 1" (25mm) Tek screws for galvanized frames. The trim angle has been pre-drilled to suit the curtains. Make sure that the holes in the trim angles line up with the stiffeners in the curtain. **See Figure 9.**

Important Note: You **MUST** ensure that the fasteners penetrate the stiffeners. It is necessary to pre-drill the stiffeners to prevent them from splitting.

Follow steps 10 for head curtain. See Figure 10 (next page).

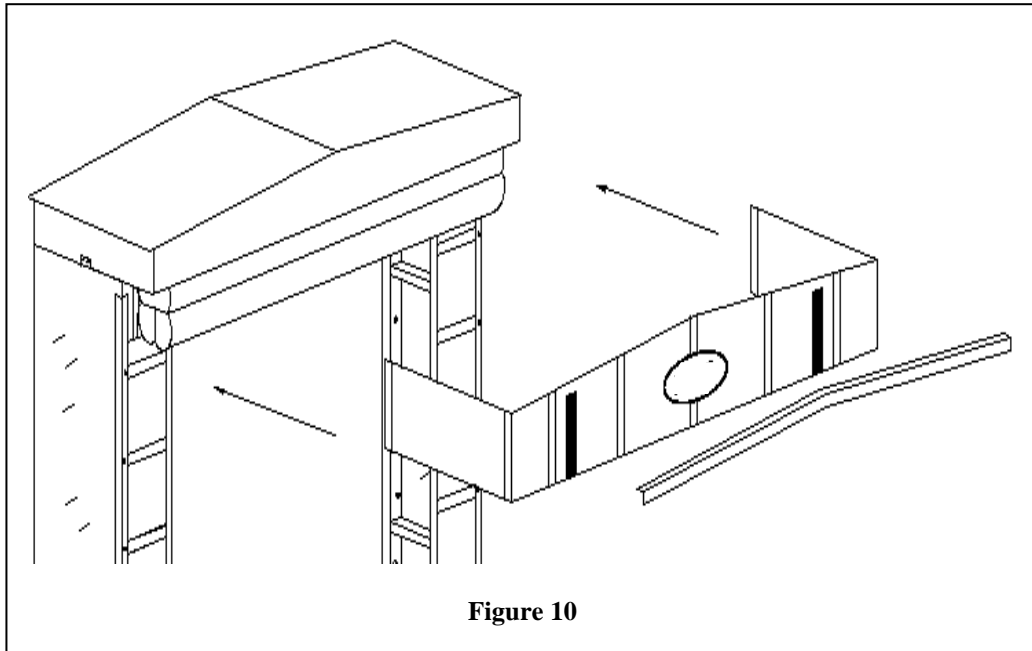
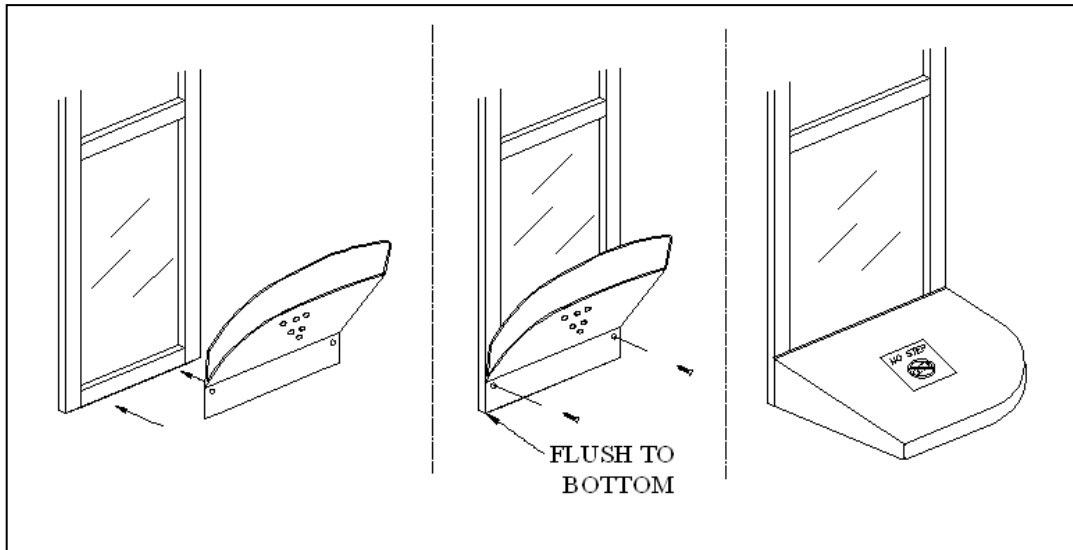


Figure 10

11. Bottom Pads.

Attach the bottom buns to the bottom of the side frames using two #14 x 1.5" (38mm) wood screws supplied. (Air vents on bottom) For galvanized frame use #14 x 1" (25mm) Tek screws.



12. Caulking.

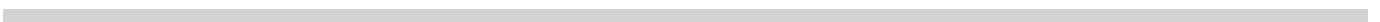
Caulk across the top of the head pad using a good quality caulking.

13. Clean up around dock area when complete.

NOTES



NOTES



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