

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.



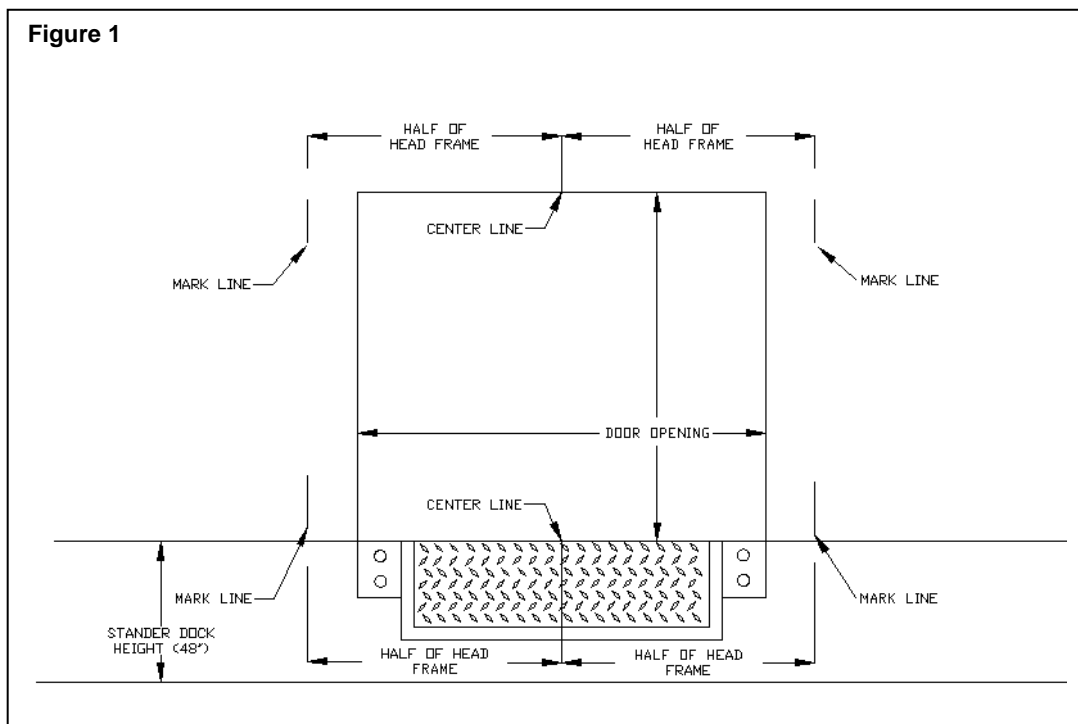
WARNING!!!

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 Verticals and side supports.

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 vertical and side supports as shown in **Figure 1**. Repeat for the other side vertical and side supports.



Parts List

- ☐ 1 Head Frame c/w torsion spring and header air bag (assembled)
- ☐ 1 Trim Angle
- ☐ 2 Vertical air bags c/w 4" (102mm) bottom Draft flaps
- ☐ 1 Header Storage Curtain ☐ 1 ½ HP motor & Blower assembly
- ☐ 2 Galvanized side supports

Hardware List – Wood Frame

- ☐ 4 - 3/8" (10mm) x 3" (76mm) sleeve anchors
- ☐ 50 #14 x 1 ½" (38mm) Wood Screws
- ☐ 15 Roofing nails ☐ 6 flat bracket ☐ 6 angle brackets
- ☐ 20 3/8" (10mm) x 1 7/8" (48mm) sleeve anchors ☐ 2 6" (152mm) Clamps
- ☐ 1 Pilot light ☐ 1 Metal Box ☐ 1 Face Plate

2. Attaching the brackets to the side vertical air bags.

Fasten the angle brackets (3) to the inside edge of the vertical side bags as shown in **Figure 2** using two(2) #14 x 1.5" (38mm) wood screws for each bracket. Repeat on outside edge of the side bags with flat brackets (3). Position the brackets so they line up with the mortar joints on block walls.

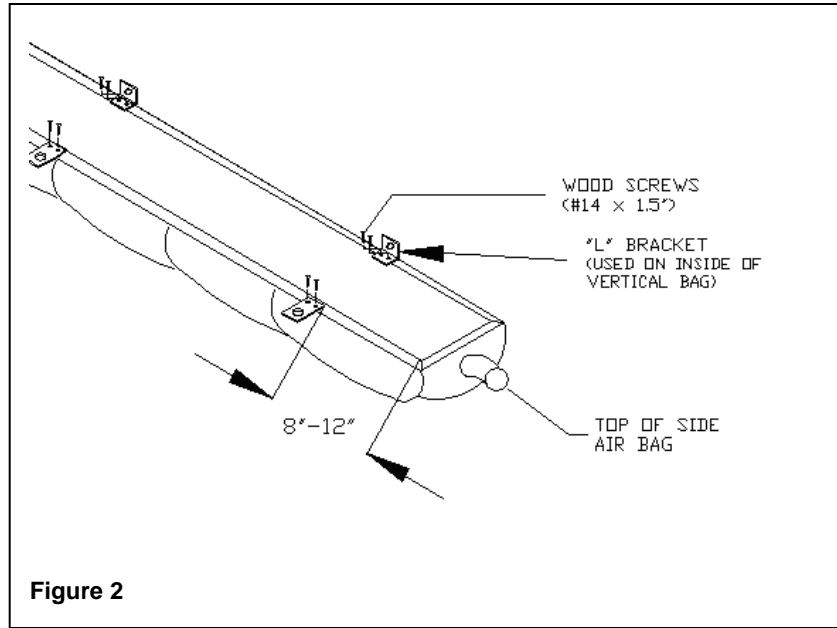


Figure 2

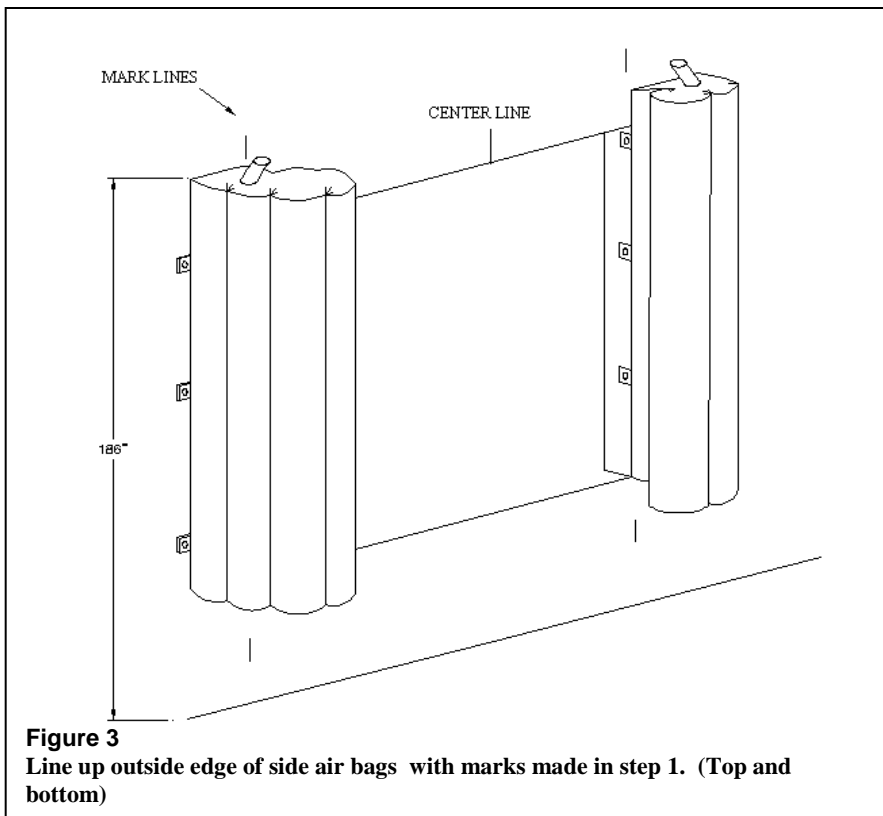


Figure 3

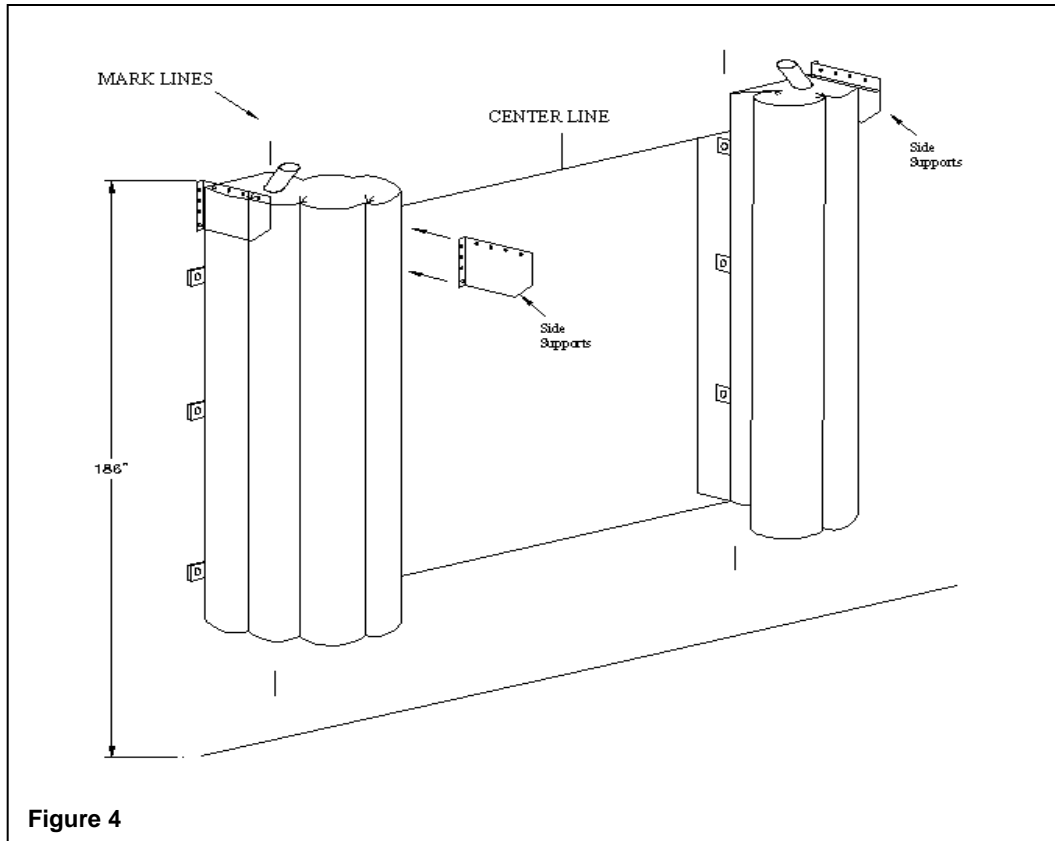
Line up outside edge of side air bags with marks made in step 1. (Top and bottom)

3. Mounting the side vertical bags.

Place one vertical bag in place lining up the outside edge of the side bag with the marks as shown in **Figure 3**. Ensure that the side air bags are plumb and sit flush with the building wall. Fasten to building wall using 3/8" (10mm) x 1-7/8" (48mm) sleeve anchors supplied. Repeat steps 2 & 3 for the other side air bag.

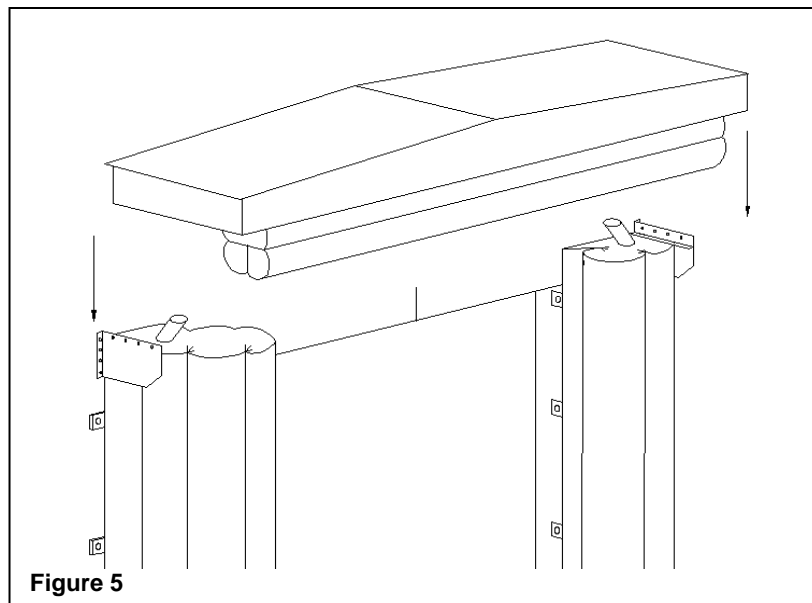
4. Attaching the side supports to the wall.

Place inside edge of side support on mark made in step 1. Mount galvanized side support at 186" from the grade to the top of the support. Fasten using four (4) 3/8" (10mm) x 1-7/8" (48mm) sleeve anchors. (Repeat for other side) **See Figure 4.**



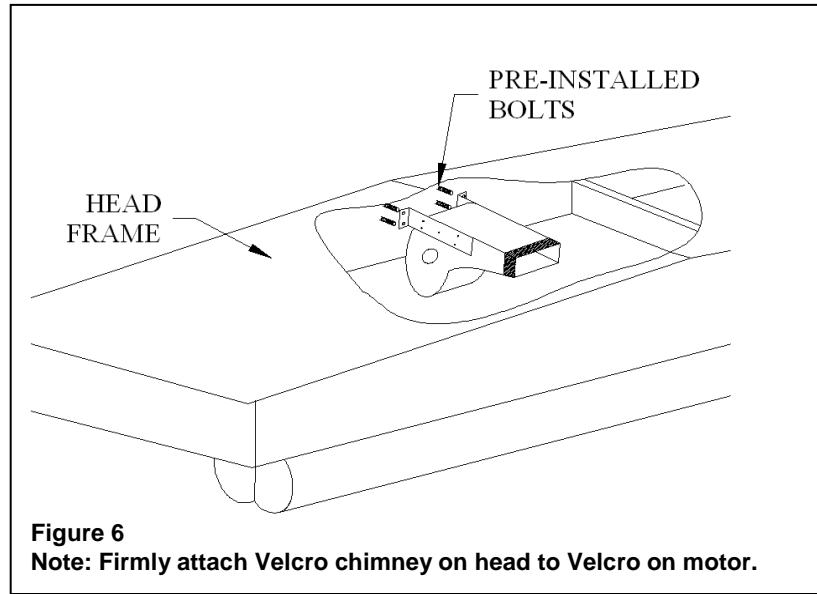
5. Attaching head frames to the wall and side support.

Mount the head frame on top of the two support angles on inside edge of side supports and fasten frame to the wall using 4 - 3/8" (10mm) x 3" (76mm) sleeve anchors supplied. Also attach head frame to galvanized side supports with #14 x 1.5" (38mm) wood screws supplied. **See Figure 5.**



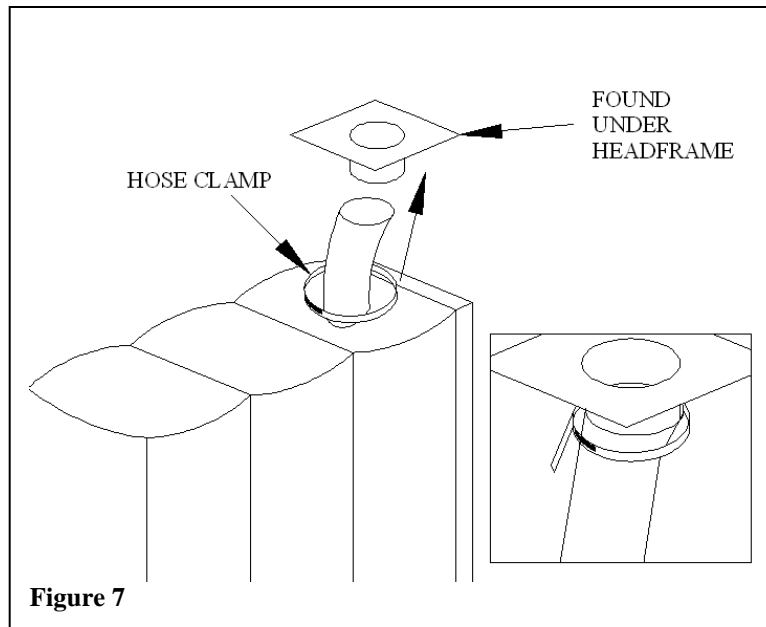
6. Mounting blower

At the rear of head frame mount blower onto carriage bolts pre-drilled and supplied by factory. See **Figure 6**.



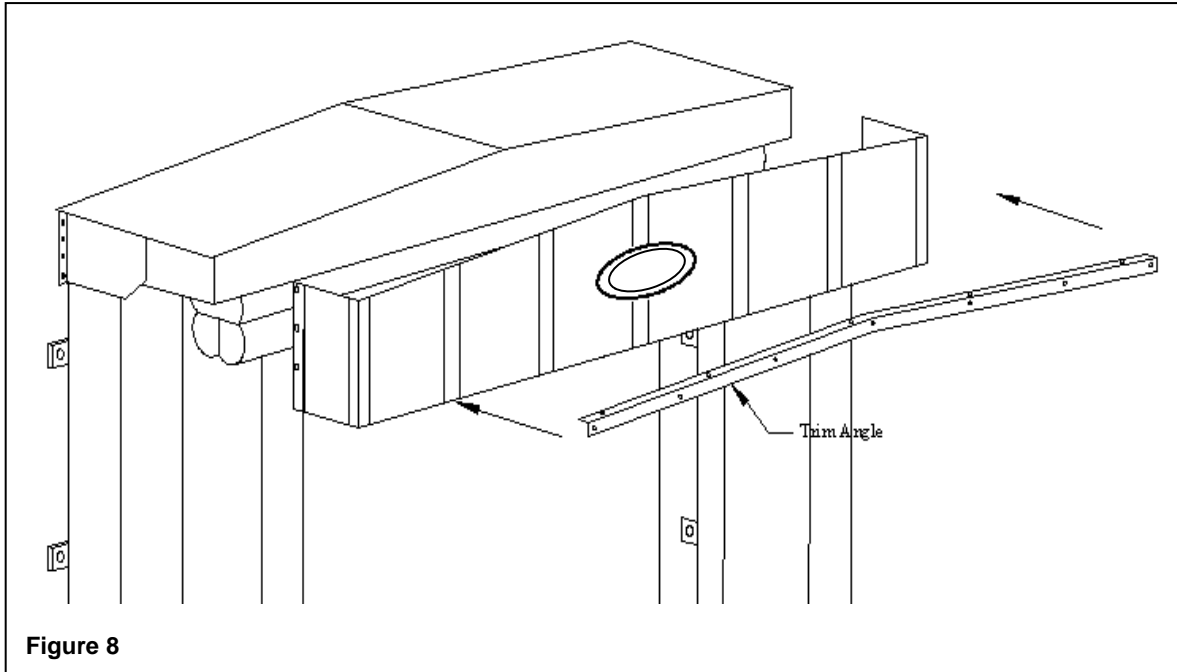
7. Air Duct Connection

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**.



8. Attaching head curtain.

Attach head curtain to head frame using roofing nails supplied. For galvanized frame, fasten head curtain to Velcro supplied. Fasten galvanized trim angle supplied using #14 x 1.5" (38mm) wood screws. Use #14 x 1" (25mm) Tek screws for galvanized frame. (Note: ensure that wood screws fasten through stiffeners in head curtain). **See Figure 8.** **Important Note:** You MUST ensure that the fasteners penetrate the stiffeners. It is necessary to pre-drill the stiffeners to prevent them from splitting.



9. Caulking.

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

10. Clean up around dock area when complete.



Corporate 85 Heart Lake Road South
Brampton, ON, Canada L6W 3K2
t 905.457.3900 f 905.457.2313

USA 6350 Burnt Poplar Road
Greensboro, NC 27409
www.BlueGiant.com