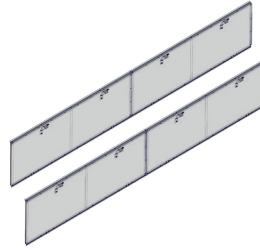
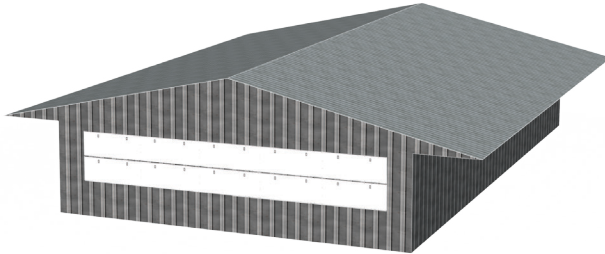




Quick Sheet Instructions

TUNNEL DOOR INLETS

VAI24INLET96K, VAI36INLET96K,
VAI48INLET96K, VAI60INLET96K,
VAI60INLET48K,



Prepare the Opening

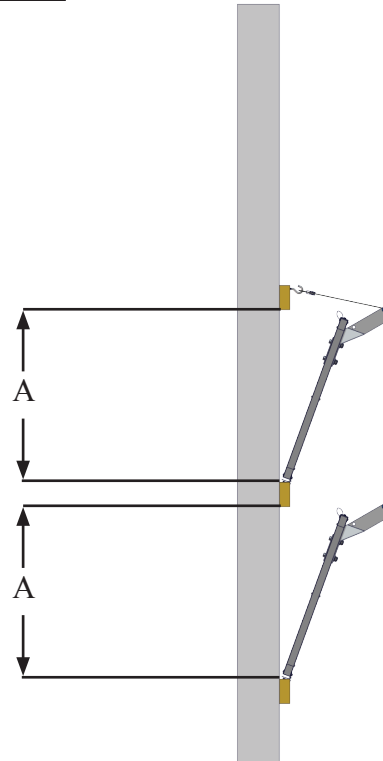
1. Frame the opening for each inlet according to inlet size, as listed in the chart on below and using Figure 1.

INLET SIZE	DIMENSION "A"
VAI24INLET96K	24.50" (62.23 cm)
VAI36INLET96K	36.50" (92.71 cm)
VAI48INLET96k	48.50" (1.23 m)
VAI60INLET96K	60.50" (1.54 m)
VAI60INLET48K	60.50" (1.54 m)



Tunnel Door Inlet Kits require some assembly.
Door panels are pre-assembled.

Figure 1



Tunnel Door Assembly

1. Attach the EVC16HINGE, to the bottom edge of the door(s), Figure 2, using the VAIDOORSREW, Pan Head Phillips Screws on each side, front and back, of the Tunnel door, shown in Figure 3. (Space the screws at approximately 3.5 to 4 inches apart. Do this procedure to all doors before you begin installing them into the framed opening.)

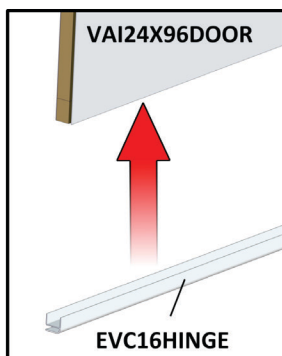


Figure 2

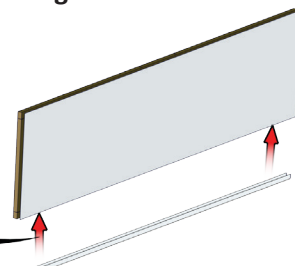
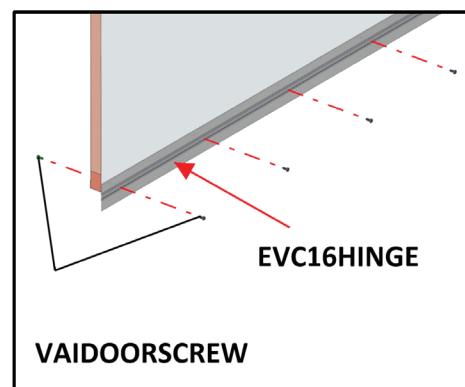
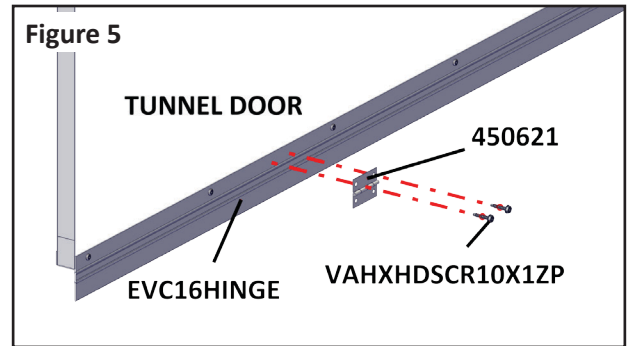
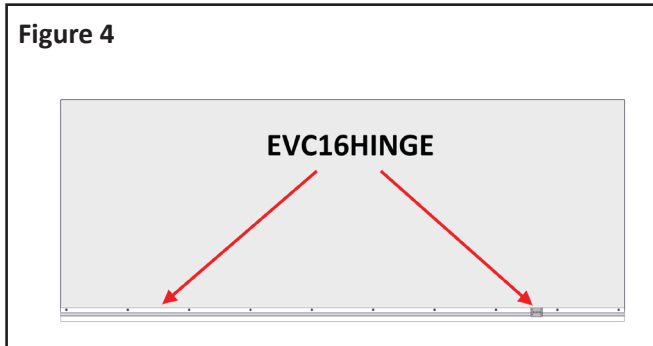


Figure 3

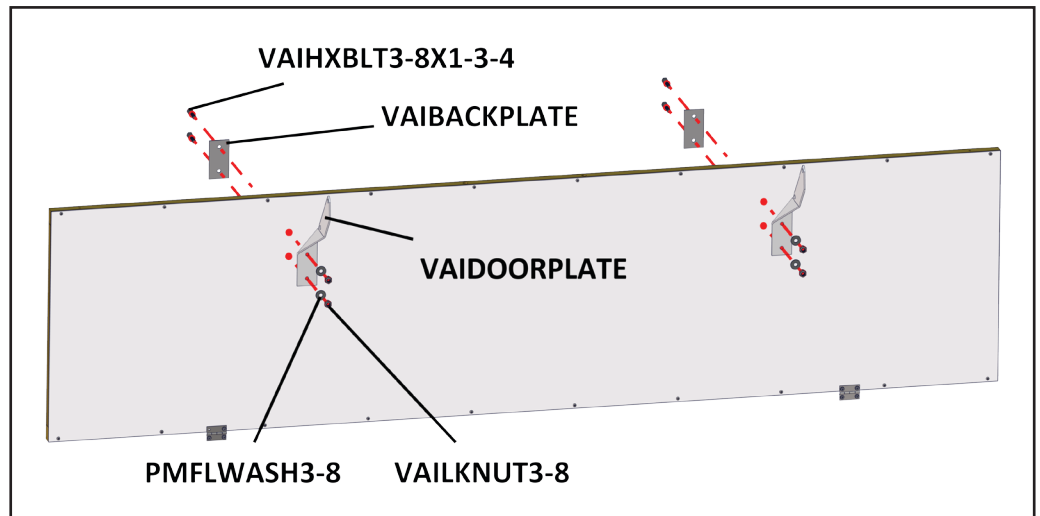
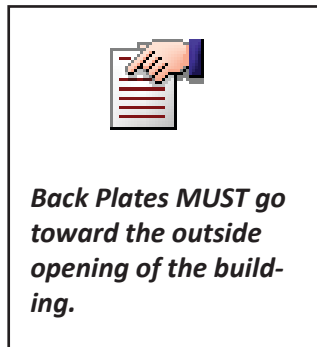


Tunnel Door Assembly - continued

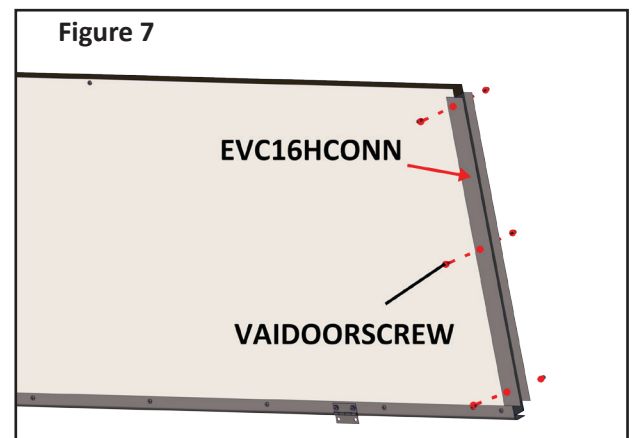
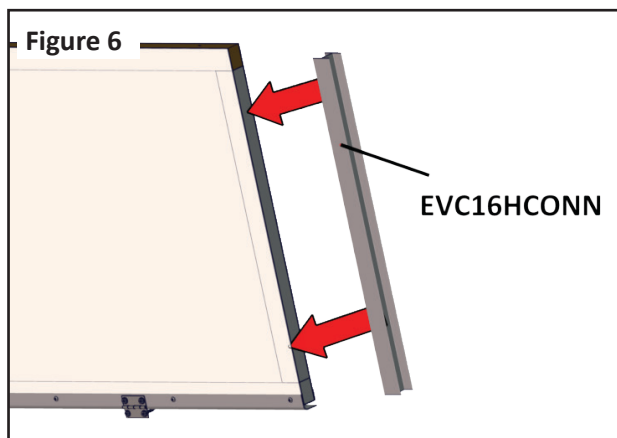
- Place (2) 450621 Stainless Steel Hinges onto the EVC16HINGE, 24" in from both Tunnel Door ends, as shown in Figure 4. Now secure the (2) 450621 Stainless Steel Hinges to the bottom edge of each door using (2) VAHXHD-SCR10X12P screws into the top 2 holes of the hinge, going into the Tunnel door, as shown in Figure 5. *(The door plates need to be installed as close to the edge of the door as possible)*



- Attach the (2) VAIDOORPLATE and (2) VAIBACKPLATE 24" in from both ends, using the VAIHXBLT3/8X1-3/4, Hex Bolts, PMFLWASH3/8, washers and VAILKNUT3/8, lock nuts to the top of the door, as shown in Figure 4. *(The DoorPlates located to the inside at the top of the door as close to the top edge as possible WITHOUT interfering with the EVC16 Channel/Seal, which will be attached in a later step, after the door is installed into the opening.)*



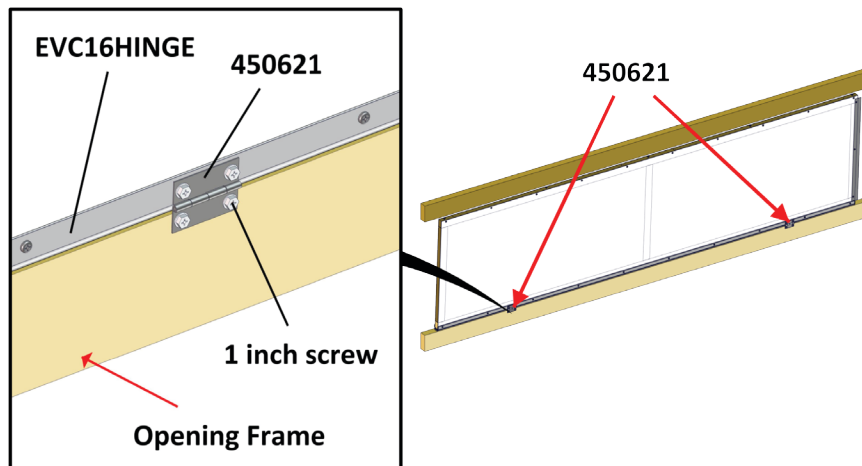
- When installing multiple Tunnel doors, attach the EVC16HCONN, Door H Connector to each Tunnel door, *(except the last Tunnel door)*, using the (4) VAIDOORSREW Pan Head Phillips Screws on each side *(front and Back)* of the Tunnel Door, as shown in Figure 6 and 7 below.



Installation

1. Once the door has been assembled, position the Tunnel door into the frame opening and secure the door to the frame to the bottom of the 450621 Stainless Steel Hinge with appropriate 1 inch screws, *(not supplied)*, as shown in Figure 8.

Figure 8



You may want to install the top and bottom row as you work your way down the barn wall.

2. Attach a temporary hook (not supplied with door) to the frame/wall **directly above every fourth or fifth VAIDOOR-PLATE** /above the row of Tunnel doors, as shown in Figure 9, or top row of Tunnel doors when installing 2 rows, as shown in Figure 10. *(This is necessary to support the weight of the doors as they are being installed.)* Place a VB-CLAMP (comprised of (1) VB125 and (1) VB126) in a door plate, as shown in Figure 10, to attach a short string to the door to temporarily hold the door upright.



Hooks installed 2-3 inches (5.1 cm - 7.6 cm) above door.

Figure 9

Hook installed TEMPORARILY

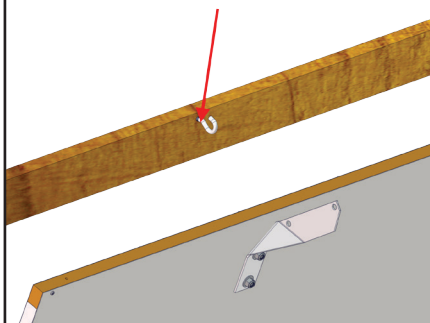
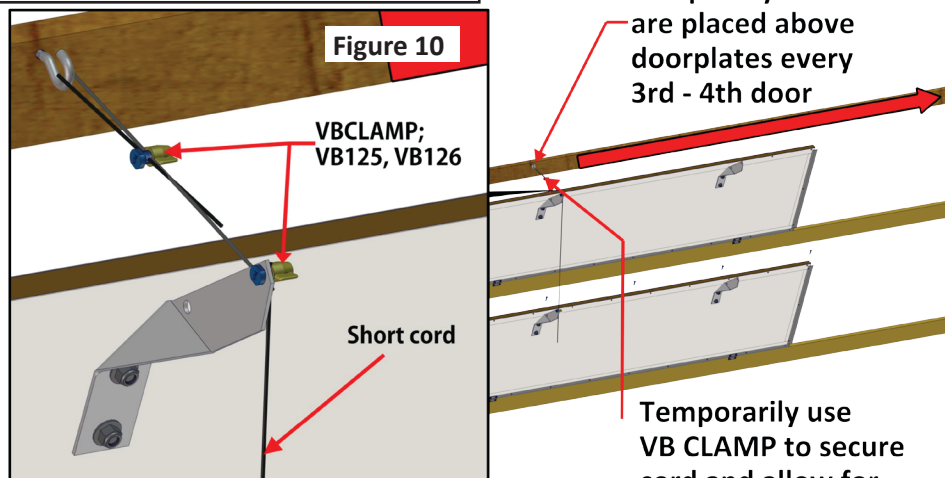


Figure 10



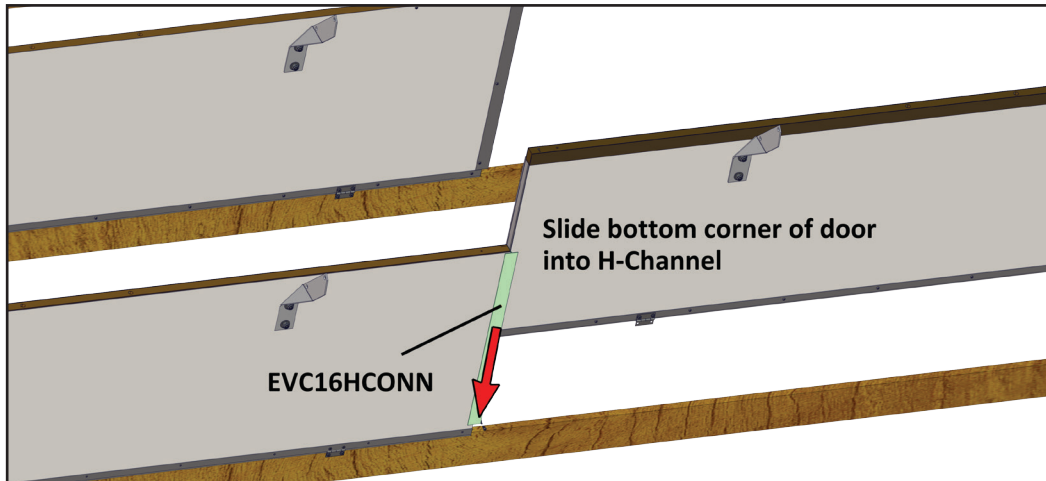
Temporary Hooks
are placed above
doorplates every
3rd - 4th door

Temporarily use
VB CLAMP to secure
cord and allow for
adjustment.

Installation - continued

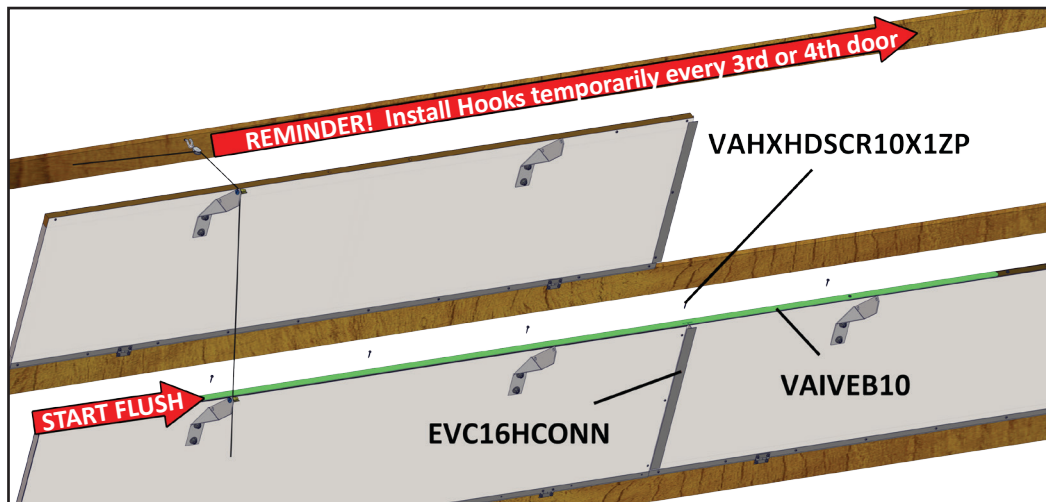
- Slide the second Tunnel door into the H CONNECTION of the previous door, starting the bottom corner of the door into the channel and bring it down as you slide it in to the channel, *as shown in Figure 11. Do this for each successive door*

Figure 11



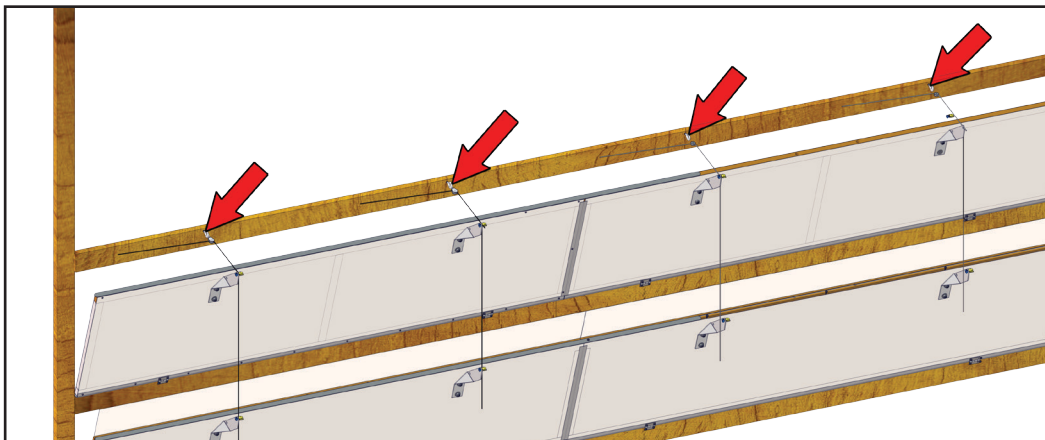
Place the metal stiffener (VAIVEB10) on top of the last door section as shown in Figure 12. Each stiffener should overlap the previous one by 2 ft (61cm). Use (1) VAXHDSCR10X1ZP screw every 12" (31cm) to hold stiffener down to top of tunnel door frame. Repeat this procedure to reinforce all the doors in the row .

Figure 12



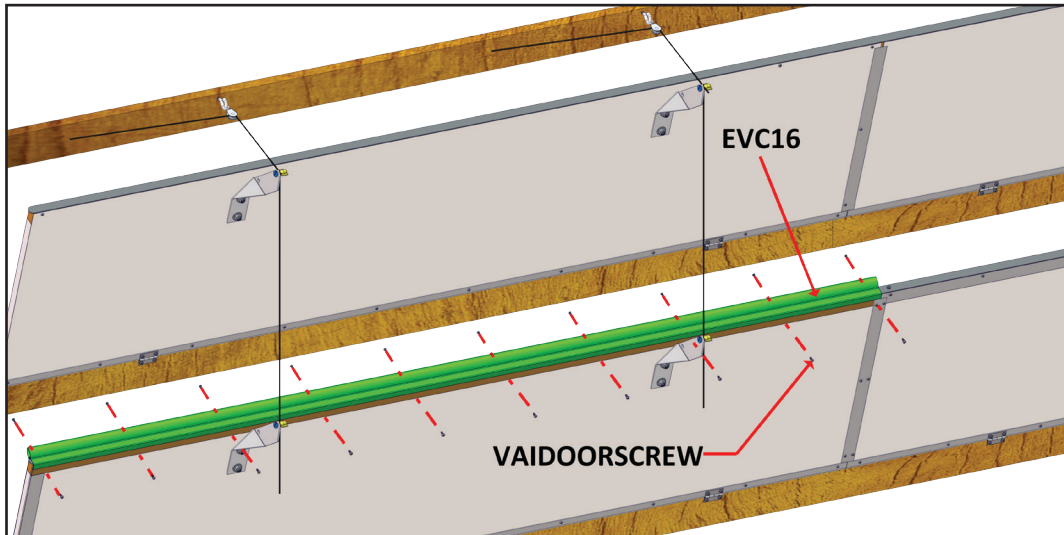
- After you have all your doors into your opening, install the (*winching permanently*) (1) hook and pulley directly above each doorplate and attach each cord to the homerun line, as shown in Figure 13.

Figure 13



7. Attach the EVC16 Channel with Seal to top edge of the door using the VAIDOORSCREW Pan Head Phillips Screws, as shown in Figure 14. Adjust the door opening as needed. Repeat this and the previous procedures for each door.

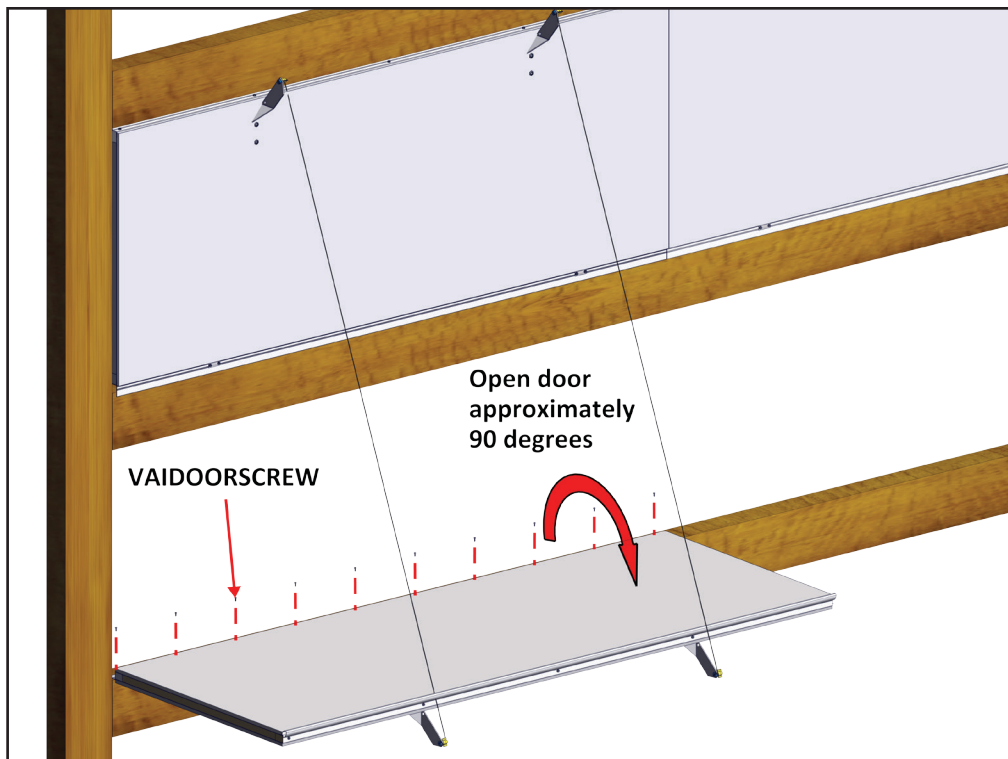
Figure 14



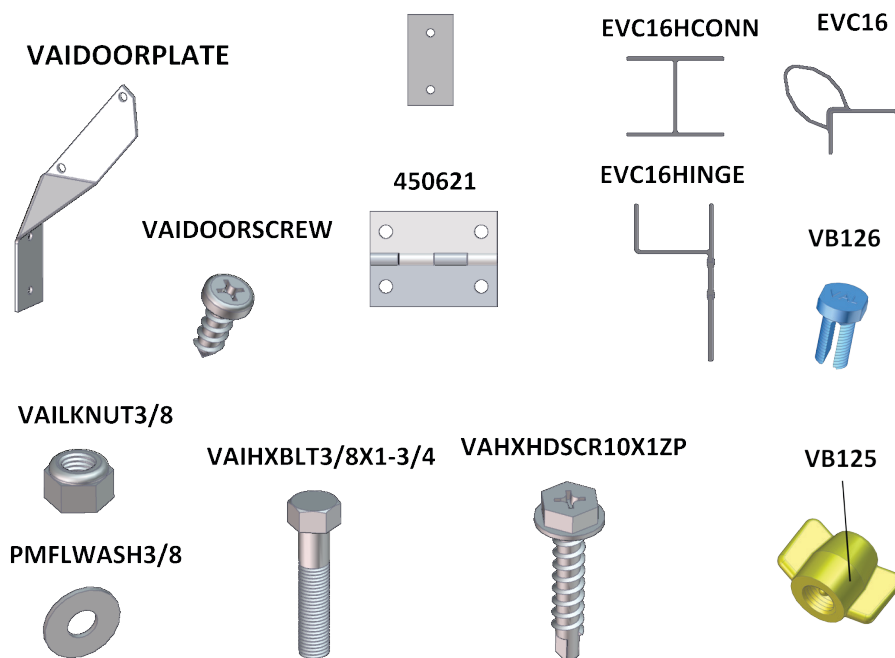
POSITION THE SEAL OF THE TOP CHANNEL TOWARD THE INSIDE OF THE OPENING!

8. Lower the doors to a 90 degree opening so that you can access the folded Continuous Hinge at the bottom of the door. Attach the hinge to the opening frame using the VAIDOORSCREW on the back side of the door. The example below, Figure 15 is showing (2) rows of Tunnel doors.

Figure 15



Product Detail



Tools Required

- Hammer
- Tape Measure
- Square
- Level
- Cordless Power Drill/Screw Driver
- Skill Saw with metal blade



INSULATED TUNNEL DOOR KITS		QTY				
PART #	DESCRIPTION	24	30	36	48	60
VAI24INLET96K	All Vinyl Insulated Inlet Kit - 24"(H) x 96"(L) (includes VAI24X96DOOR pre-assy)	1	1	1	1	1
VAI36INLET96K	All Vinyl Insulated Inlet Kit - 36"(H) x 96"(L) (includes VAI36X96DOOR pre-assy)	1	1	1	1	1
VAI48INLET96K	All Vinyl Insulated Inlet Kit - 48"(H) x 96"(L) (includes VAI48X96DOOR pre-assy)	1	1	1	1	1
VAI60INLET96K	All Vinyl Insulated Inlet Kit - 60"(H) x 48"(L) (includes VAI60X48DOOR pre-assy)	1	1	1	1	1
VAI60INLET48K	All Vinyl Insulated Inlet Kit - 60"(H) x 48"(L) (includes VAI60X48DOOR pre-assy)	1	1	1	1	1
INSULATED DOOR PARTS		PER DOOR				
EVC16	Door Top & End Edge Cover With Flexible Seal (Per Foot)	Varies by door size				
EVC16HINGE	Door Continuous Hinge (Per Foot)	Varies by door size				
EVC16HCONN	Door H Connector (Per Foot)	Varies by door size				
VAIDOORPLATE	Cable Bracket	2				
VAIVEB10	Stiffening Strip	1				
VAHXHDSR10X1ZP	#10 x 1" Hex Head Self Drilling Screw	9				
VAIHXBLT3/8X1-3/4	3/8"-16 x 1-3/4" Hex Bolt (for Cable Bracket)	4				
VAILKNUT3/8	3/8"-16 Nylon Lock Nut (for Cable Bracket)	4				
PMFLWASH3/8	3/8" Flat Washer (for Cable Bracket)	4				
VAIDORSREW	#8 x 1/2" Pan Head Phillips Screw	42				
450621	Stainless Steel Hinge	2				
VB126	Clamp Bolt - Small - 7/16" W/Long Slot	2				
VB125	Clamp Nut - Small - 7/16"	2				
Installation may require additional winching parts.						

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