



ACCUFLOW INLET

**810009, 810022, 810023
810042, 810046, 810047**

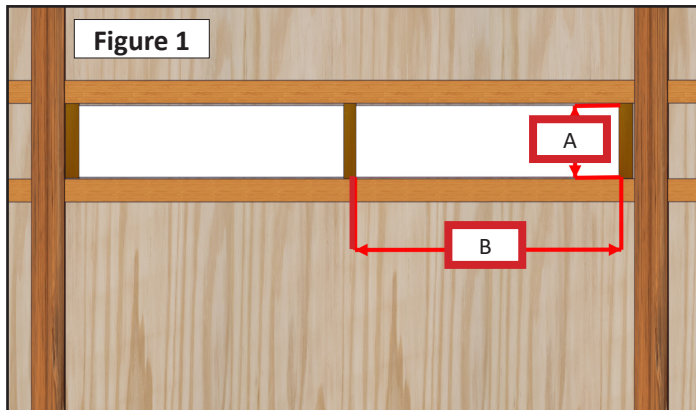
Warning:

These inlets are intended to be installed under the eaves of a building.
Do not expose them to direct sunlight before or during installation.

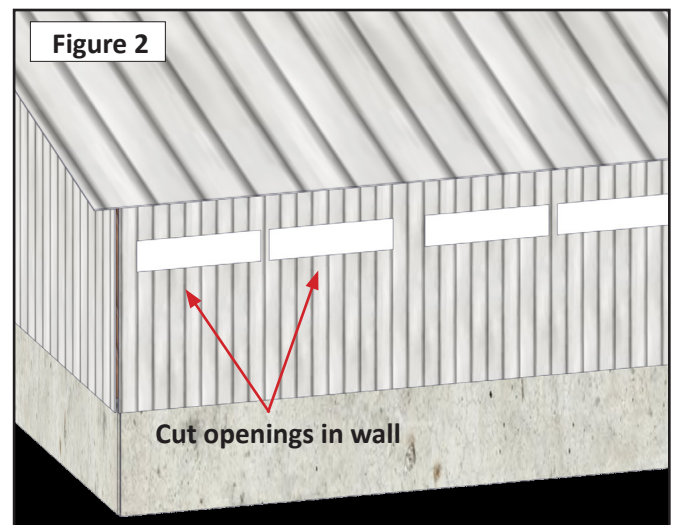
Installation Instructions

Prepare the Opening

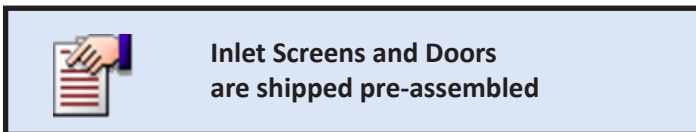
1. Frame the opening for each inlet according to inlet size, as shown in Figure 1, using the chart below.



INLET SIZE	DIMENSION "A"	DIMENSION "B"
810009	11.25" (.286m)	44.5" (1.130m)
810022	11.25" (.286m)	22.5" (.572m)
810023	11.25" (.286m)	56.5" (1.435m)



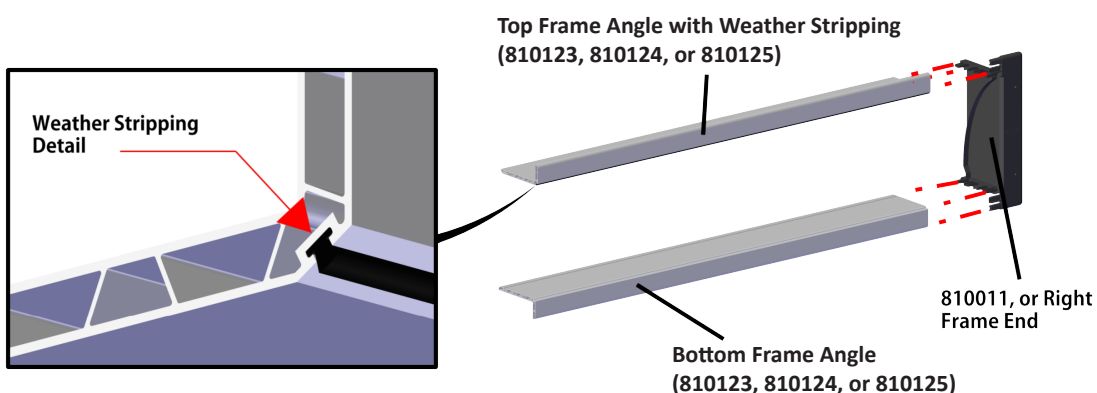
2. Cut the building siding to the size of the frame with an appropriate cutting tool, as shown in Figure 2.



Inlet Frame Assembly

1. Begin by inserting a top and bottom frame angle (810123, 810124, or 810125) onto the barbed fingers of a left or right frame end (810010 or 810011). The top frame angle has weather stripping (810041) pre-installed in its front slot, while the bottom frame angle has none.

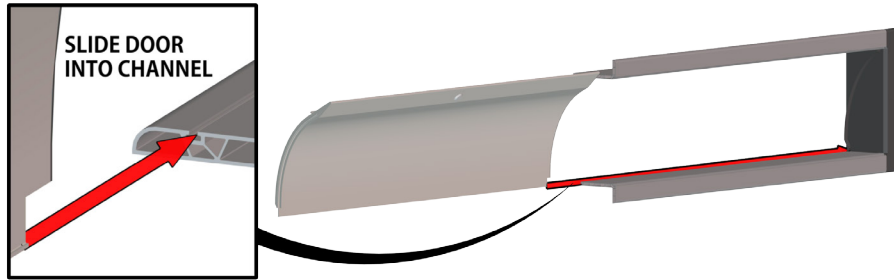
Figure 3



Inlet Frame Assembly - continued

- The inlet door (810126, 810127, or 810128) comes preassembled with insulating foam, end caps (810019 and 810020), and weather stripping (810014) installed. Slide the door onto the bottom frame. The tee on the hinge of the door engages with the rear slot of the bottom hinge as shown in Figure 4.

Figure 4



- Complete the inlet assembly by installing the remaining frame end on the top and bottom frame angles. Press the frame ends into the frame angles until the frame joints are flush and square.
- Install #8 fasteners (VA319) through frame ends and frame angles using the approximate dimensions, (as shown in Figure 6 and locations shown in Figure 7), while holding the joint flush and square. These fasteners will keep the frame square and prevent air leaks between the door and the frame. The fasteners also hold the frame together during thermal expansion and contraction.

A ratchet strap may be used to hold the frame joints flush while installing the #8 fasteners.

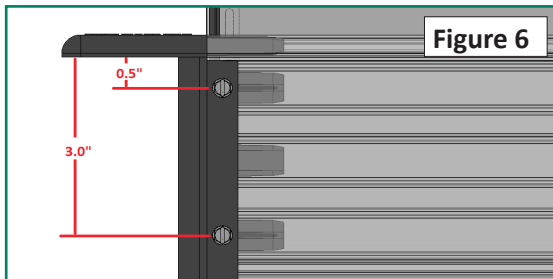


Figure 6

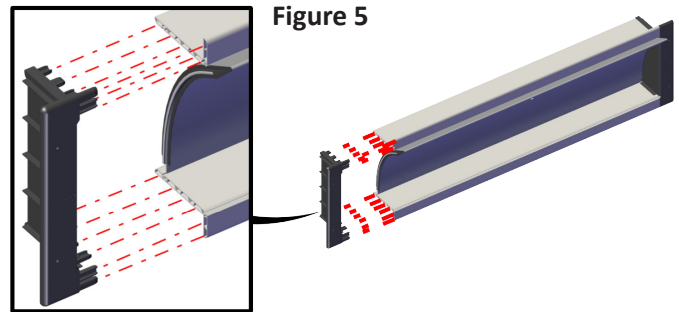
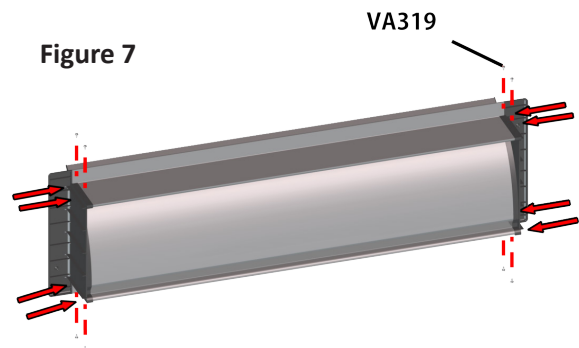


Figure 5

Figure 7



VA319

Install Inlet into Rough Opening

- Insert the assembled door and frame from the inside of the building into the rough opening (previously prepared in steps 1 & 2) as shown in Figure 8.
- Apply caulk around the perimeter of the inlet frame to seal between the building and the inlet.

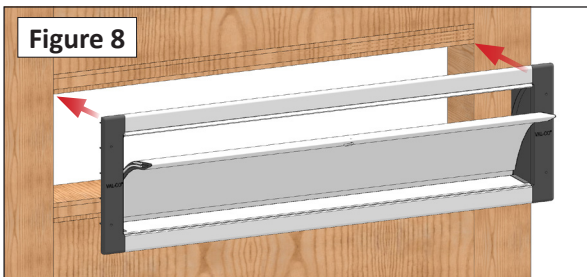


Figure 8

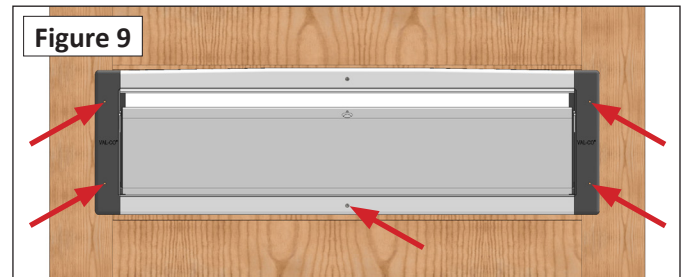
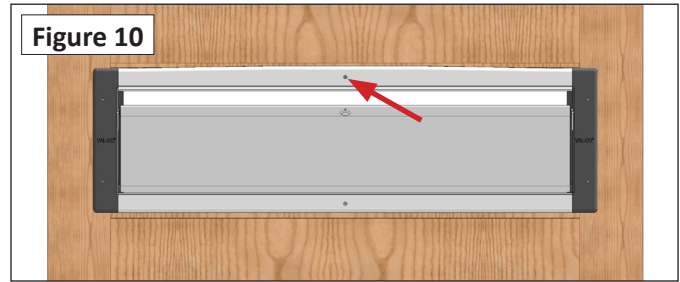


Figure 9

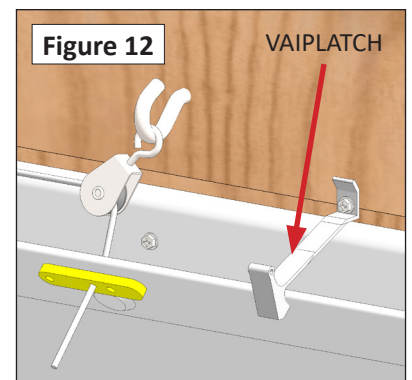
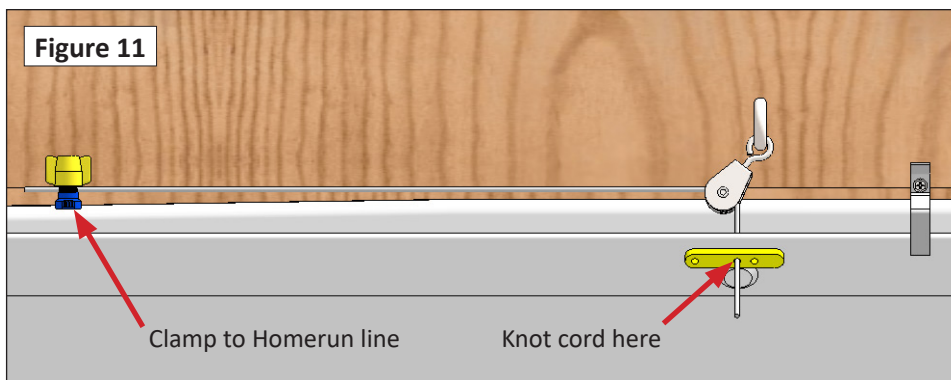
- Install (1) #10 fastener in the center of the bottom frame member to hold in place, as shown in Figure 9. Finish attaching the Inlet Frame to the framed rough opening using (4) #10 fasteners (supplied by customer), based on the building construction. The frame ends provide 2 holes each for fastening to the rough opening, as shown in Figure 9.

Install Inlet into Rough Opening - continued

3. Pull the center of the top frame member up 1/4" and install (1) #10 fastener to hold in place, as shown in Figure 10. This will ensure that the inlet door seals on the ends first which will create a good seal while closing. Some adjustment of the frame may be required to achieve a tight seal, especially if framing is not square.

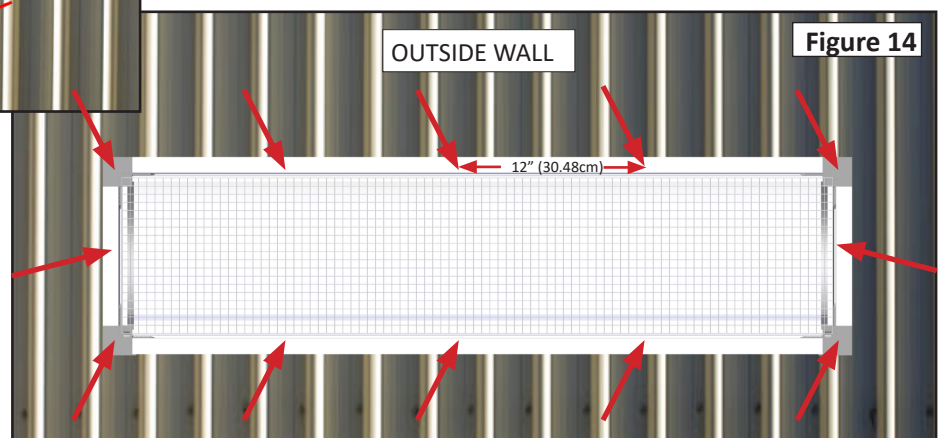
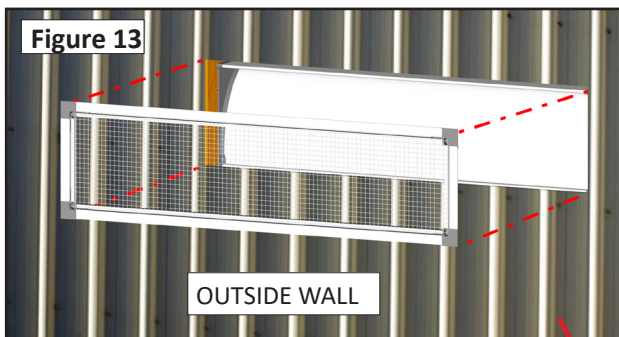


4. Attach BG225 cord through the hole in the center of the door and through VS341, then tie a knot. Route the BG225 cord through the pulley (VEN91104). Leaving enough clearance for the inlet to fully close, attach VEN91104 to the rough opening using an appropriate hook based on the building construction (supplied by customer). Attach the end of BG225 cord to the homerun line using clamp nut and bolt (VB225 and VB227) as shown in Figure 11. Install latch (VAIPLATCH) flush with top of inlet, using screw supplied by customer, as shown in Figure 12.

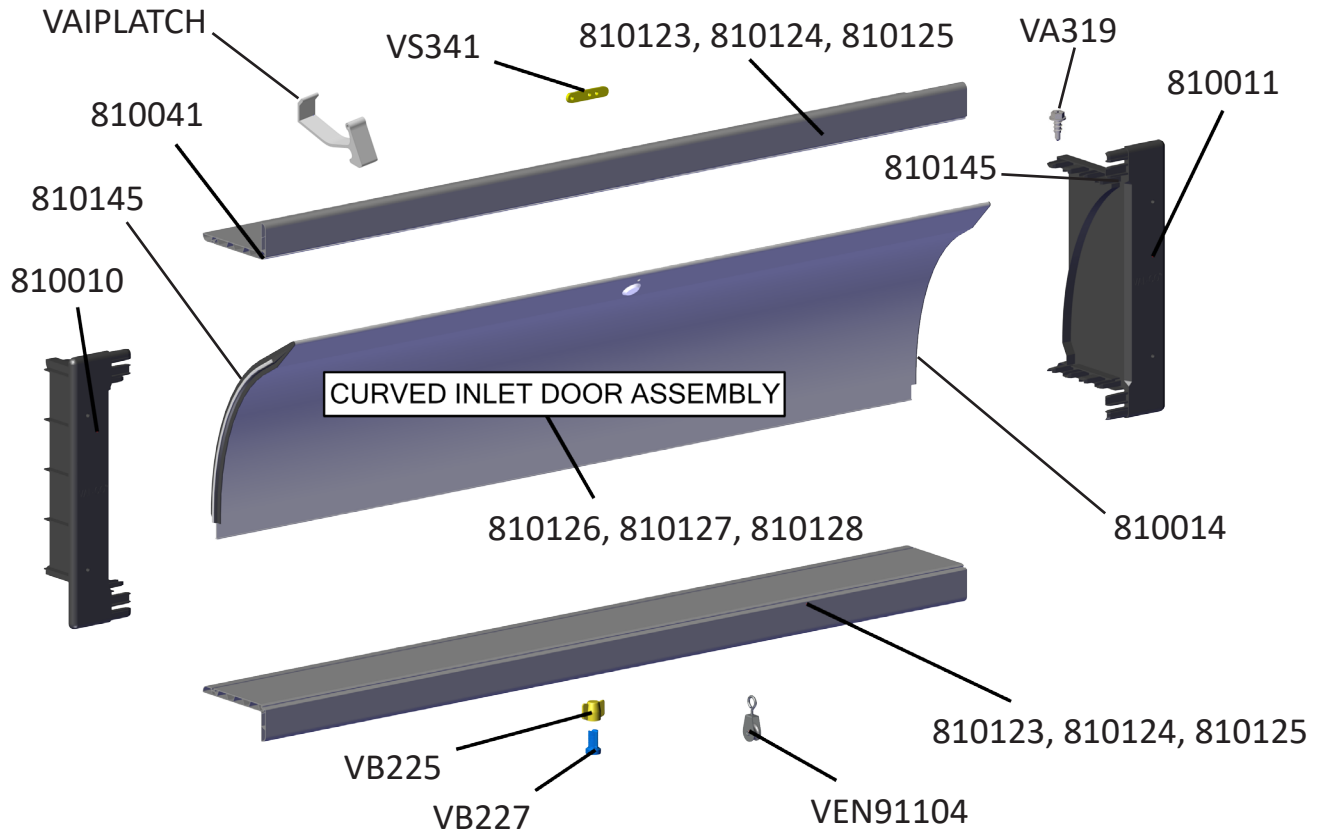


Installing Optional Bird Screen Into Rough Opening

1. Attach the assembled screen with frame to the outside of the building over the rough opening (previously prepared in steps 1 & 2). Use appropriate screws for your specific building material (as provided by customer). Screw into frame. You should screw around entire frame at approximately 12" (30.48 cm) as shown in Figure 13 and 14.

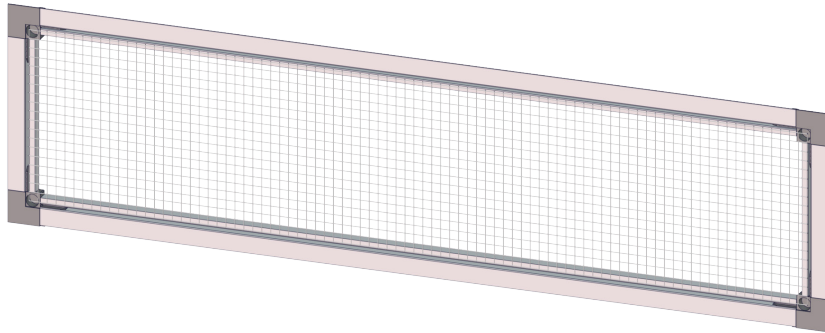


EXPLODED VIEW - INLET PARTS



PART #	DESCRIPTION - CURVED INLETS	QTY
	INTERCHANGE PARTS - ALL CURVED INLET MODELS	PER INLET
BG225	40" DROP CORD	1
VA319	SCREW, NO. 8 X 1/2 SELF DRILLING	8
810010	FRAME LEFT SIDE, 9" CURVED INLET	1
810011	FRAME RIGHT SIDE, 9" CURVED INLET	1
810014	PILE WEATHERSTRIP, .187 X .25 CURVED INLET	per foot
810041	PILE WEATHERSTRIP, .187 X .450 CURVED INLET	per foot
810123	FRAME, ANGLE, 21.063" CURVED INLET	2
810124	FRAME, ANGLE, 43.063" CURVED INLET	
810125	FRAME, ANGLE, 55.063" CURVED INLET	
810126	9" X 20" CURVED INLET DOOR ASSEMBLY	1
810127	9" X 42" CURVED INLET DOOR ASSEMBLY	
810128	9" X 54" CURVED INLET DOOR ASSEMBLY	
810145	PILE WEATHERSTRIP, .187 X .200, ADHESIVE BACKED	per foot
VAIPLATCH	BLACK VAL ENVIRONMENTAL PLASTIC VENT LATCH	1
VB225	CLAMP NUT - LARGE - 1/2"	1
VB227	CLAMP BOLT - LARGE 1/2" - W/ SHORT SLOT	1
VEN91104	PULLEY, SWIVEL, 7/8" NYLON	1
VS341	CORD ADJUSTMENT STRAP, 1/8"	1

EXPLODED VIEW - INLET SCREEN



PART #	DESCRIPTION	810042 (per inlet)	810046 (per inlet)	810047 (per inlet)
VAI12WIRE	WIRE, BIRD SCREEN, 12" WIDE ROLL .041 DIA GALV WIRE, .5 X .5	per foot	per foot	per foot
EVF12	MOLDED CORNER FOR SIDEWALL INLET FRAME BLACK	4	4	4
EVF16X	BLACK INLET FRAME-CHANNEL-TOP SIDE W/O HINGE 98.5" PIECE	per piece	per piece	per piece

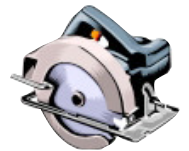


Wear safety glasses and gloves when cutting or working with metal siding!



Tools Required

- Hammer
- Tape Measure
- Square
- Level
- Cordless Power Drill/Screw Driver
- Circular Saw with Metal Blade



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