

Summary	Field Installation Instructions for the Fast Seal Suspended Pneumatic Reversing Edge				
Products Affected	Fast Seal Doors with Suspended Air Edge				
Key Word Tags	FS, Air Edge, Suspended, Pneumatic				
Tools/Equipment (If Required)					
Parts/Materials (If Required)	R02991202				
Related Media					
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Please Read The Entire Bulletin Before Proceeding

Installation Procedure

Reference Drawing 02991202 attached below for the following instructions. All references to right hand side or left hand side are made while standing on the side of the opening that the door is mounted.

When possible, the Suspended Air Edge Assembly R02991202 has been shipped preassembled at Rytec. Depending on the door width and freight carrier, however, assembly may be required in the field. If so follow the instructions for Assembling the Suspended Reversing Edge. If the edge shipped preassembled, go to Installing the Suspended Reversing Edge Assembly.

Assembling the Suspended Reversing Edge

The aluminum extrusion (R0203228) will have to be spliced together using pre-attached splice bars. Locate the aluminum extrusion piece that has the air edge sub-assembly (R0213020), air hose and splice bar attached. This piece is the left hand piece. Slide the remainder of the air edge subassembly into the second piece of the aluminum extrusion.

The splice bar is inserted into the middle cavity of the aluminum extrusion (reference drawing 02991202). If extrusion is divided into three pieces, repeat last two steps for third section of aluminum extrusion which will also have a pre-attached splice bar. Use WD40 or similar lubricant to aid in assembly. Install one #10-12 x 1" long screw on end of the reversing edge to secure the edge in the aluminum extrusion, reference item 5 on sketch A, attached.

Installing the Suspended Reversing Edge Assembly

Lower door so that the bottom bar is at a comfortable working height. Disconnect power to the door following the proper lockout and tag procedures.



The disconnect must be in the OFF position and properly locked and tagged before performing the next step of the procedure.

Break bottom bar away from both end brackets.

Remove the yellow vinyl loop seal. Note: If the door is being retrofitted to the suspended reversing edge design, the original yellow vinyl loop will need replacing with the yellow vinyl loop designed for the suspended reversing edge (R02991078).

Remove the access cover on the bottom bar to expose the pressure switch.

Remove the clear PVC hose from the switch, noting what input post the hose is mounted on.

Remove the pneumatic reversing edge extrusion and discard.

Slide the new suspended air edge assembly into the bottom bar extrusion. Be sure the PVC hose is located on the same side as the pressure switch, normally the left hand side.

Thread the PVC hose up through the 1/2" hole in the bottom bar into the pressure switch cavity. Cut off any excess hose and attach to the input post on the pressure switch.

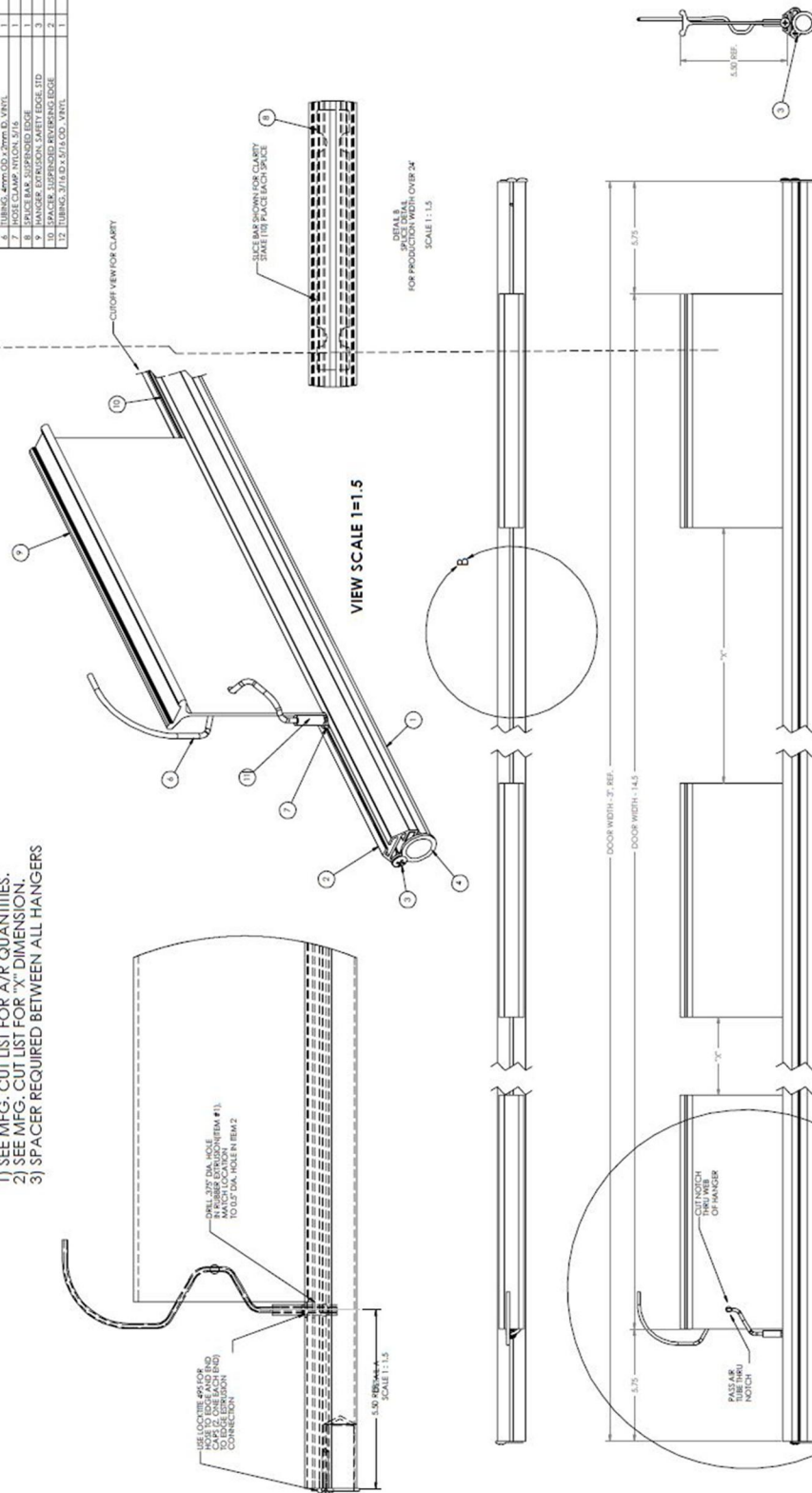
Test the operation of the door and edge.

Adjust limits as necessary per the manual.

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.

ITEM	DESCRIPTION	QTY.	SIZE	PART NO.
1	BAR EDGE EXTENSION SUSPENDED	1	DOOR WIDTH - 3.00	0213002
2	BAR EDGE EXTENSION SUSPENDED	1	DOOR WIDTH - 3.00	0213002
3	LOCKW. #14.1 LIT. SLUT. BAR. PAN. HEAD	3	DOOR WIDTH - 3.00	0200402
4	END PLUGS, SUSPENDED EDGE	2		0200402
5	TUBING, 4000.000.2000.00. VENT.	1	17.00"	0200701
6	SPACER, SUSPENDED EDGE	1		0200903
7	HANGER, EXTENSION, SAFETY EDGE, LTD	3		0213003
8	SPACER, SUSPENDED REVERSING EDGE	2		0213001
9	TUBING, 3710.000.2000.00. VENT.	1	23.00"	0204719

NOTES:
 1) SEE MFG. CUT LIST FOR A/R QUANTITIES.
 2) SEE MFG. CUT LIST FOR "X" DIMENSION.
 3) SPACER REQUIRED BETWEEN ALL HANGERS



SPACE AND HANGER FORMULA

"X" = $\frac{[(PW - (QTY \times 12)) - 14.5]}{(QTY - 1)}$

QTY (ITEM #9) = $\frac{[(PW - 14.5) / 42]}{1} + 1$

REV.	DATE	DESCRIPTION
G	04-28	RESEMBLE WHAT SHOULD BE
F	05-20	CONVERTED TO SOLIDWORKS
E	04-14	REWORKED FOR NEW HANGER
D	04-28	REWORKED FOR NEW HANGER
C	04-28	REWORKED FOR NEW HANGER
B	04-28	REWORKED FOR NEW HANGER
A	04-28	REWORKED FOR NEW HANGER
001	04-28	REWORKED FOR NEW HANGER

RYTEC CORPORATION ONE CEDAR PARKWAY, JACKSON, WI 53403 TEL: 262.441.1000 FAX: 262.441.1001 WWW.RYTECDOORS.COM	RYTEC CORPORATION AIR EDGE ASSEMBLY, SUSPENDED, STD SCALE: 1/2" = 1'-0" DATE: 11-19-98 REV: C
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