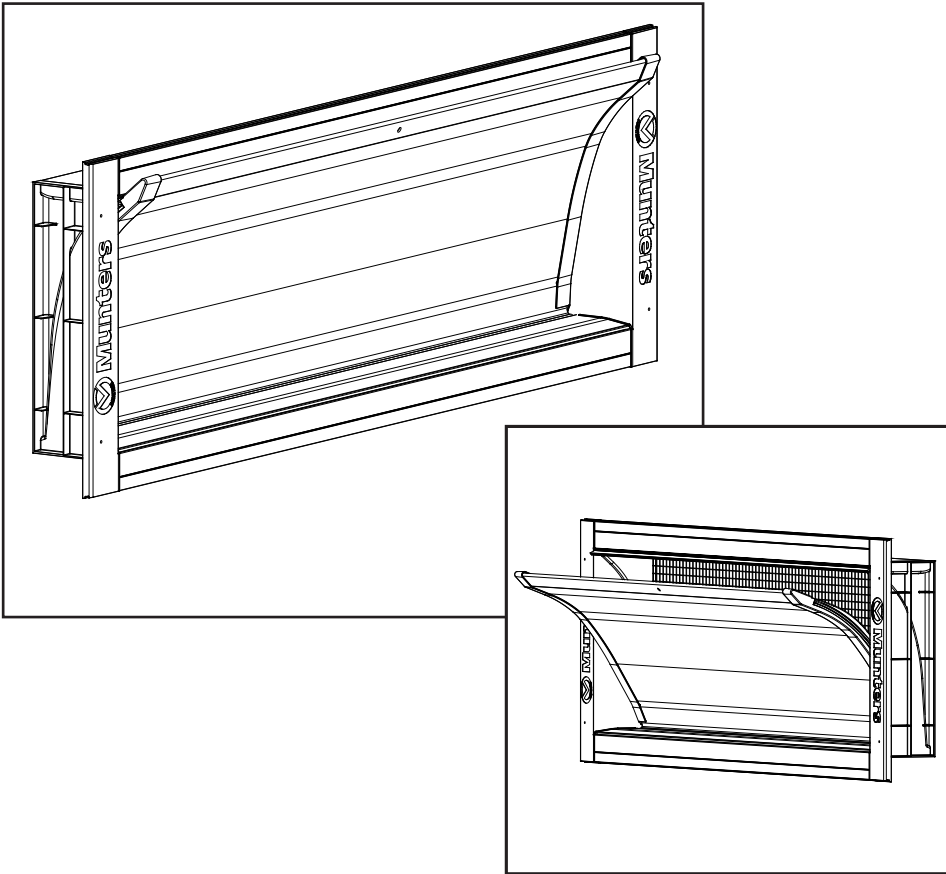


Instruction Manual

MWI Munters Insulated Wall Inlet 6-pack



MWI Munters Insulated Wall Inlet

Models: MWI4108B-01-6PK • MWI4113B-01-6PK •

MWI4408B-01-6PK • MWI4413B-01-6PK



MWI Munters Wall Inlet

Instructions for Use and Maintenance

Thank You:

Thank you for purchasing a Munters MWI Munters Wall Inlet. Munters equipment is designed to be the highest performing, highest quality equipment you can buy. With the proper installation and maintenance it will provide many years of service.

Please Note:

To achieve maximum performance and insure long life from your Munters product it is essential that it be installed and maintained properly. Please read all instructions carefully before beginning installation.

Warranty:

For Warranty claims information see the "Warranty Claims and Return Policy" form QM1021 available from the [Munters Corporation office at 1-800-227-2376 or by e-mail at aghort.info@munters.com](mailto:aghort.info@munters.com).

Conditions and Limitations:

- Products and Systems involved in a warranty claim under the "Warranty Claims and Return Policy" shall have been properly installed, maintained and operated under competent supervision, according to the instructions provided by Munters Corporation.
- Malfunction or failure resulting from misuse, abuse, negligence, alteration, accident or lack of proper installation or maintenance shall not be considered a defect under the Warranty.

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Unpacking the Equipment

1.

1.1 Parts List

Before beginning installation, check the overall condition of the equipment. Remove packing materials, and examine all components for signs of shipping damage. Any shipping damage is the customer's responsibility and should be reported immediately to your freight carrier.

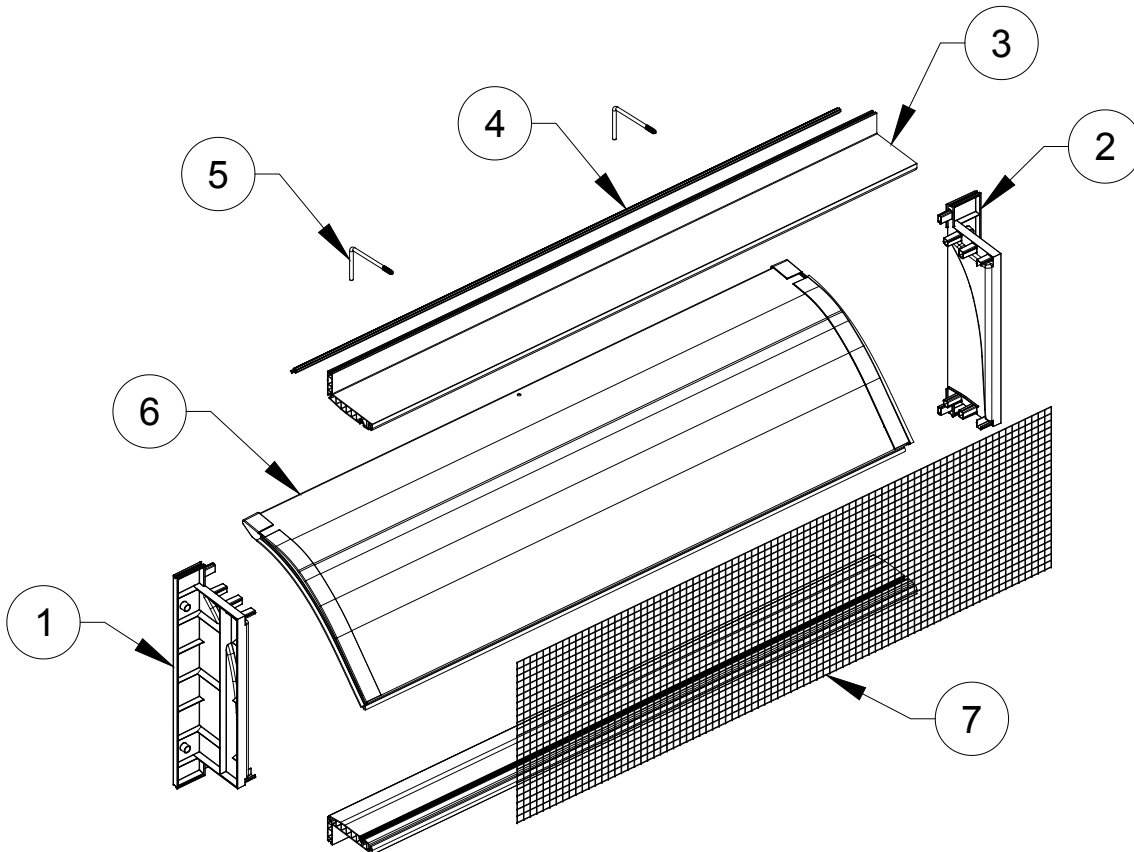
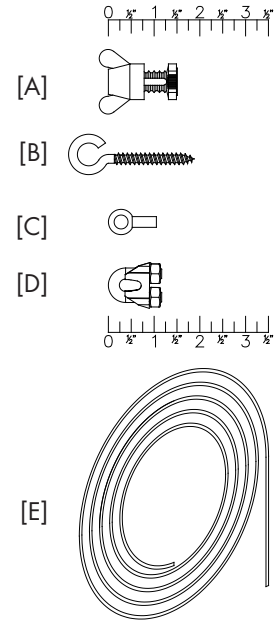
Each Box Includes Parts to build 6 Inlets:

Each MWI Inlet Requires:

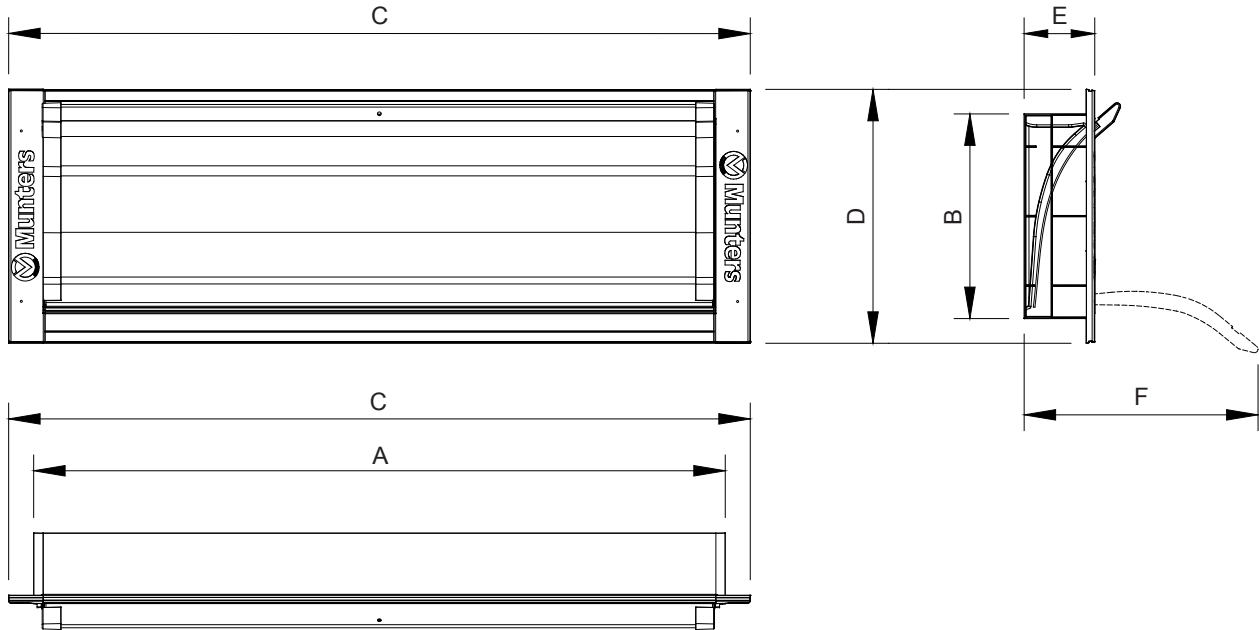
ID	Qty.	Cat. No.	Description
1	1		Left Side End Cap, PL
2	1		Right Side End Cap, PL
3	2		Top/Bottom Header, PL
4	1		Brush Seal
5	2		2½" x 3⅞" L-Screw
6	1		Door, Curved, Insulated, PL
7	1		½" x ½" Mesh Guard, GAW

Optional Lift Kit (FA1500)

A	1	AC0211/AC0212	Azuma Bolt and Nut, PL
B	1	KS2601	6 GA. x 1.875" Open Eye Lag Screw, ZP
C	1	AC1054	Nylon Guide Link
D	1	AC1039	¾" Dia. Cable Clamp, ZP
E	1	AC1009	½"x36"L. Braided Polyester Lift Line



1.2 Inlet Dimensions



Door Size	Cat. No.	Nominal Size		C	D	E	F	Wall Opening
		A	B					
8"	MWI4108	41"	8 $\frac{1}{4}$ "	44 $\frac{3}{16}$ "	11 $\frac{3}{8}$ "	4 $\frac{1}{2}$ "	10 $\frac{3}{4}$ "	8 $\frac{3}{4}$ "H. x 41 $\frac{1}{2}$ "W.
	MWI4408	44"	8 $\frac{1}{4}$ "	47 $\frac{3}{16}$ "	11 $\frac{3}{8}$ "	4 $\frac{1}{2}$ "	10 $\frac{3}{4}$ "	8 $\frac{3}{4}$ "H. x 44 $\frac{1}{2}$ "W.
13"	MWI4113	41"	13"	44 $\frac{3}{16}$ "	16 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	14 $\frac{7}{8}$ "	13 $\frac{1}{2}$ "H. x 41 $\frac{1}{2}$ "W.
	MWI4413	44"	13"	47 $\frac{3}{16}$ "	16 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	14 $\frac{7}{8}$ "	13 $\frac{1}{2}$ "H. x 44 $\frac{1}{2}$ "W.

Installation Instructions

2.

2.1 Inlet Assembly

Step 1

Insert (2) Top/Bottom Header pieces onto the Right Side End Cap. See Figure 1.

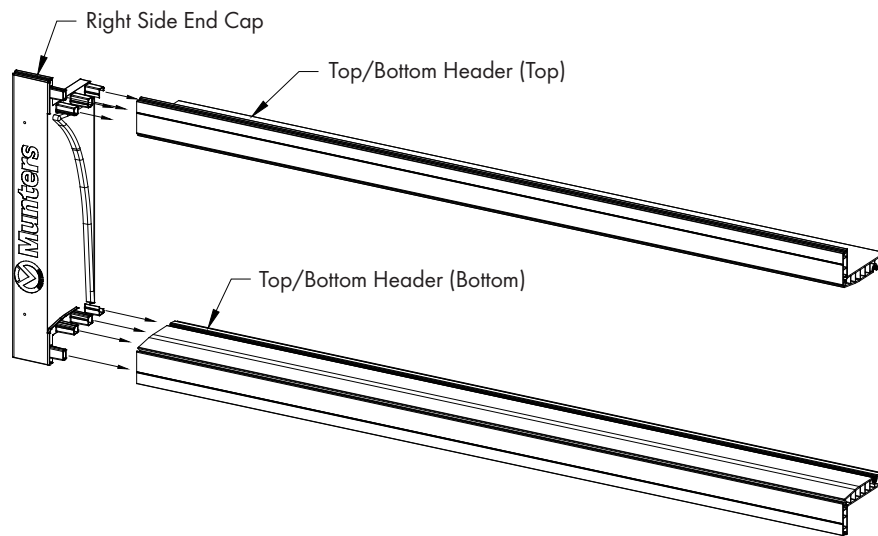


Figure 1

Step 2

Slide the Curved Door Hinge into the rounded opening in the Bottom Header. See Figure 2.

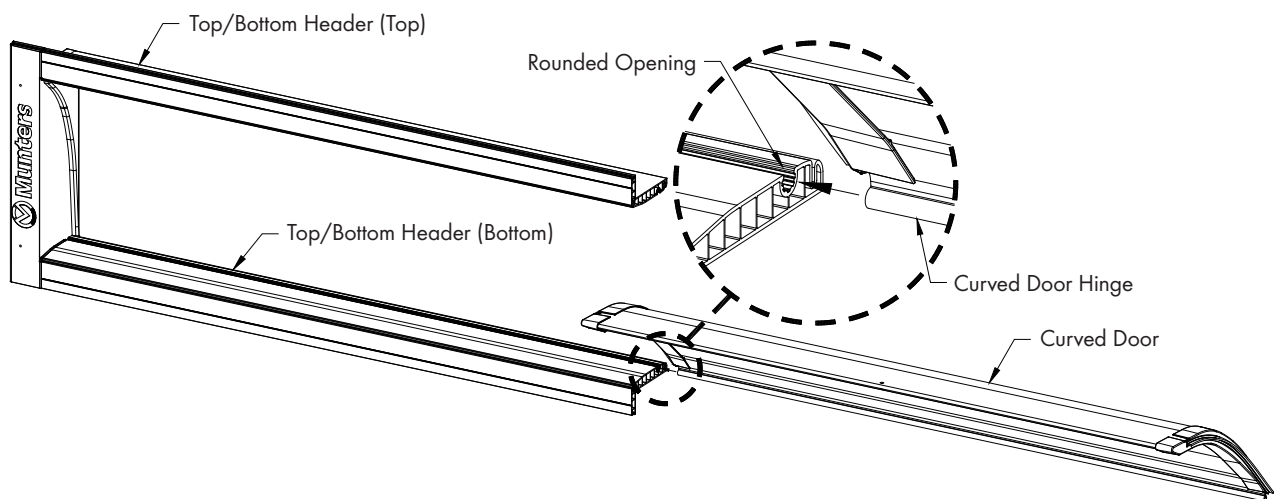


Figure 2

Step 3

Press the Brush Seal into the Slot in the Top Header. See Figure 3.

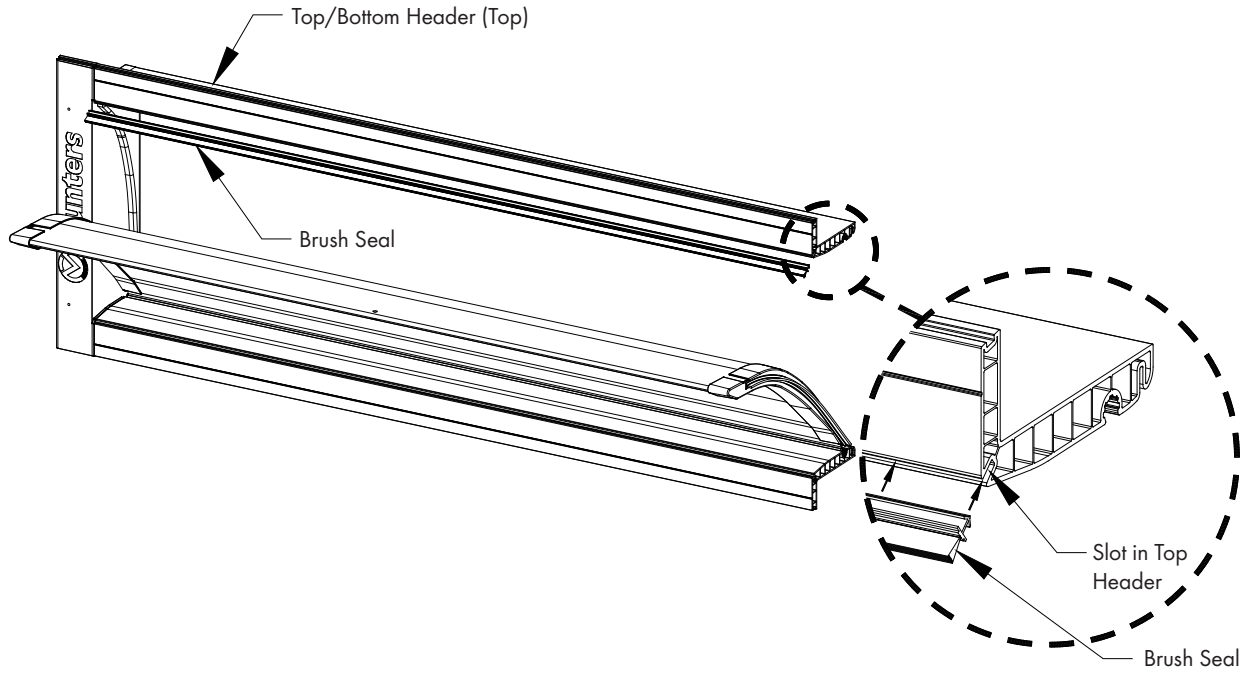


Figure 3

Step 4

Slide the Wire Mesh Guard into the Slot in the Top and Bottom Headers. See Figure 4.

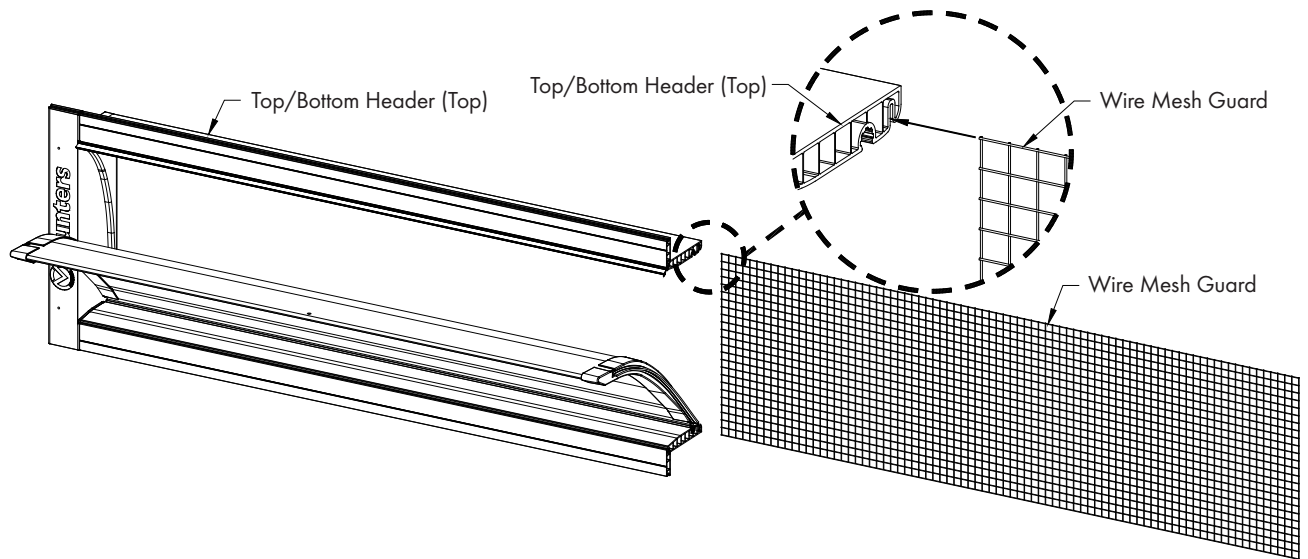


Figure 4

Step 5

Secure the Left Side End Cap onto the Top and Bottom Headers using a Rubber Mallet. Use caution when doing this and **NEVER** use a Framing Hammer. See Figure 5.

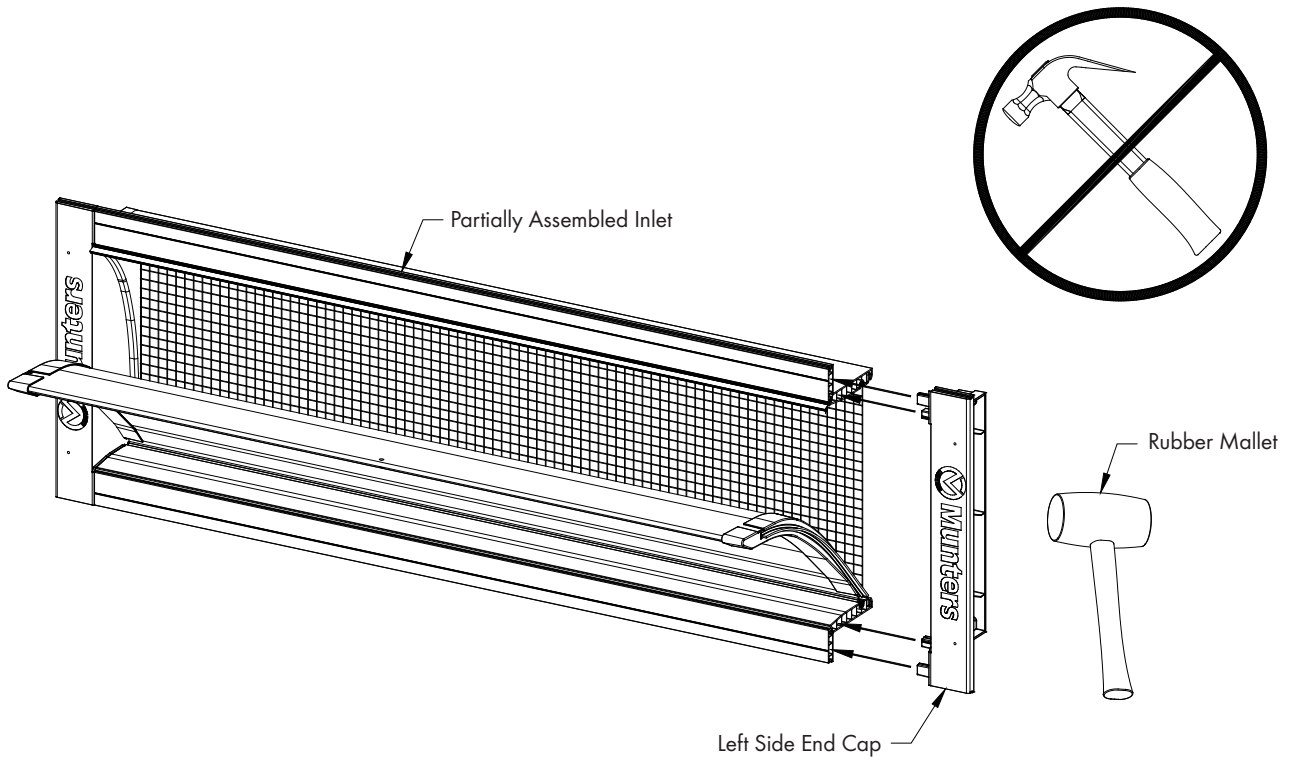


Figure 5

2.2 Inlet Installation

Step 6

Construct a framed opening to correct size according to Wall Opening listed in chart on Page 5. A minimum of 10" - 12" from ceiling to the top inside of framing is required. See [Figure 6A](#) and [6B](#).

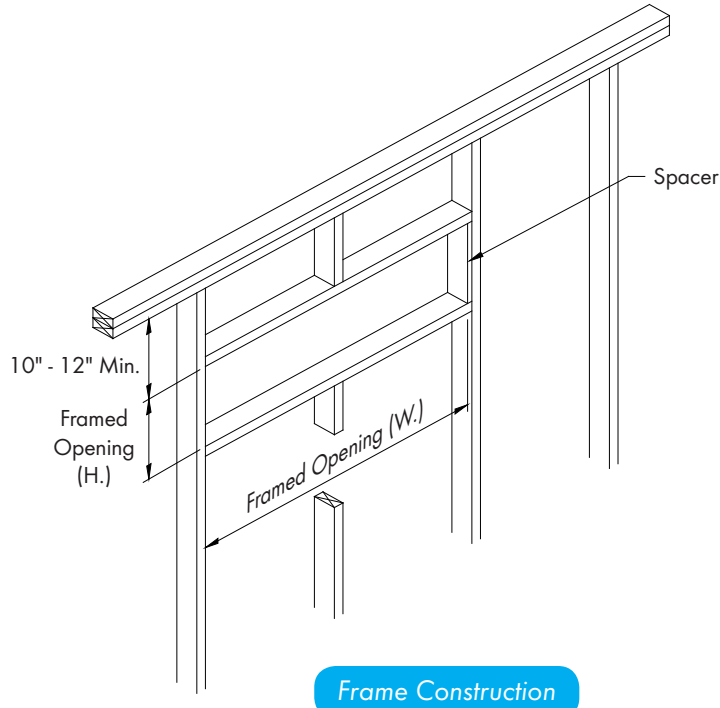


Figure 6A

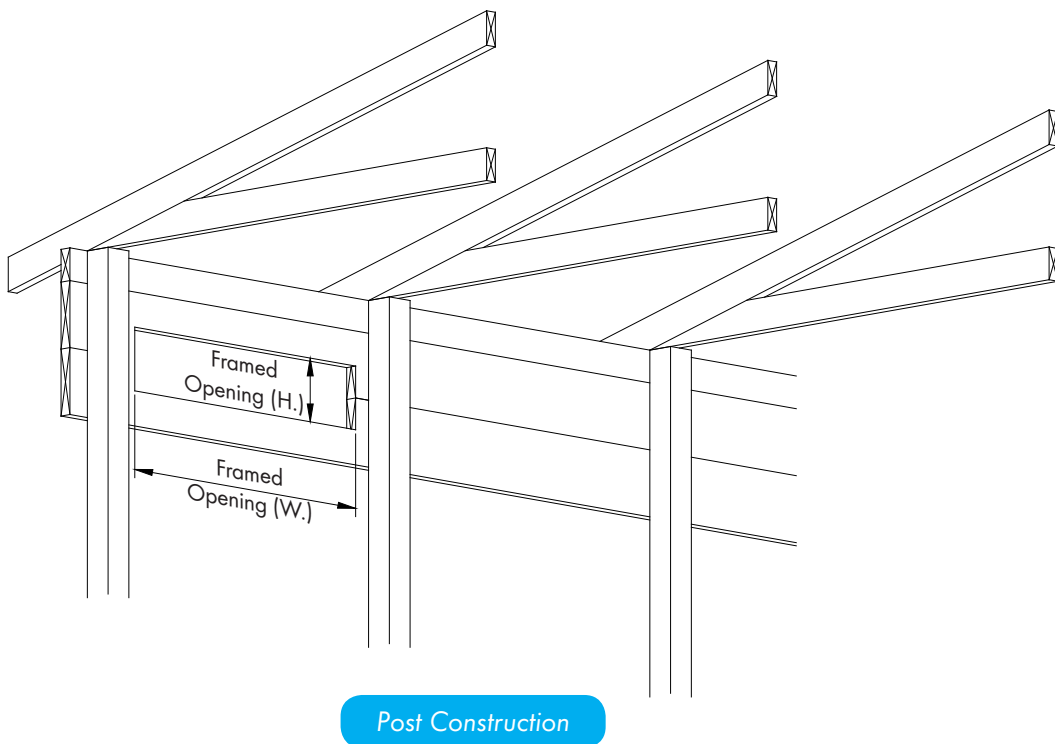
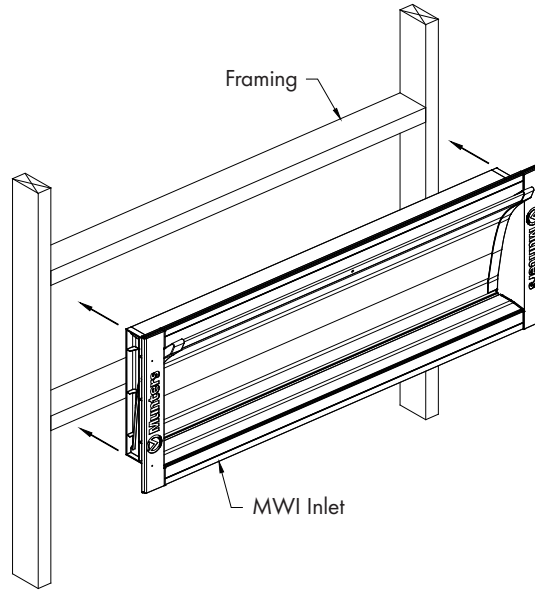


Figure 6B

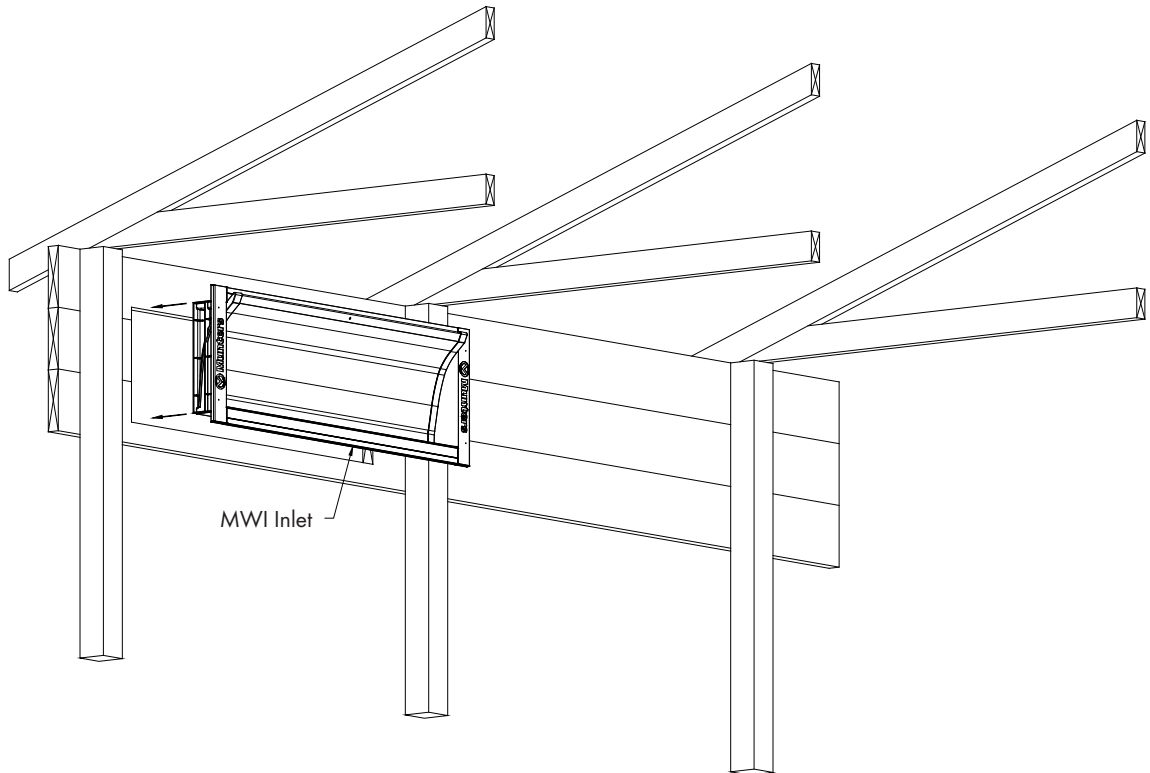
Step 7

Slide Inlet into framed opening from inside building. See Figure 7A and 7B.



Frame Construction

Figure 7A

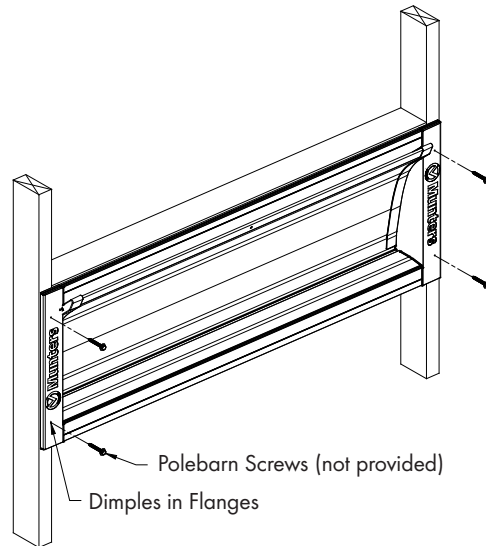


Post Construction

Figure 7B

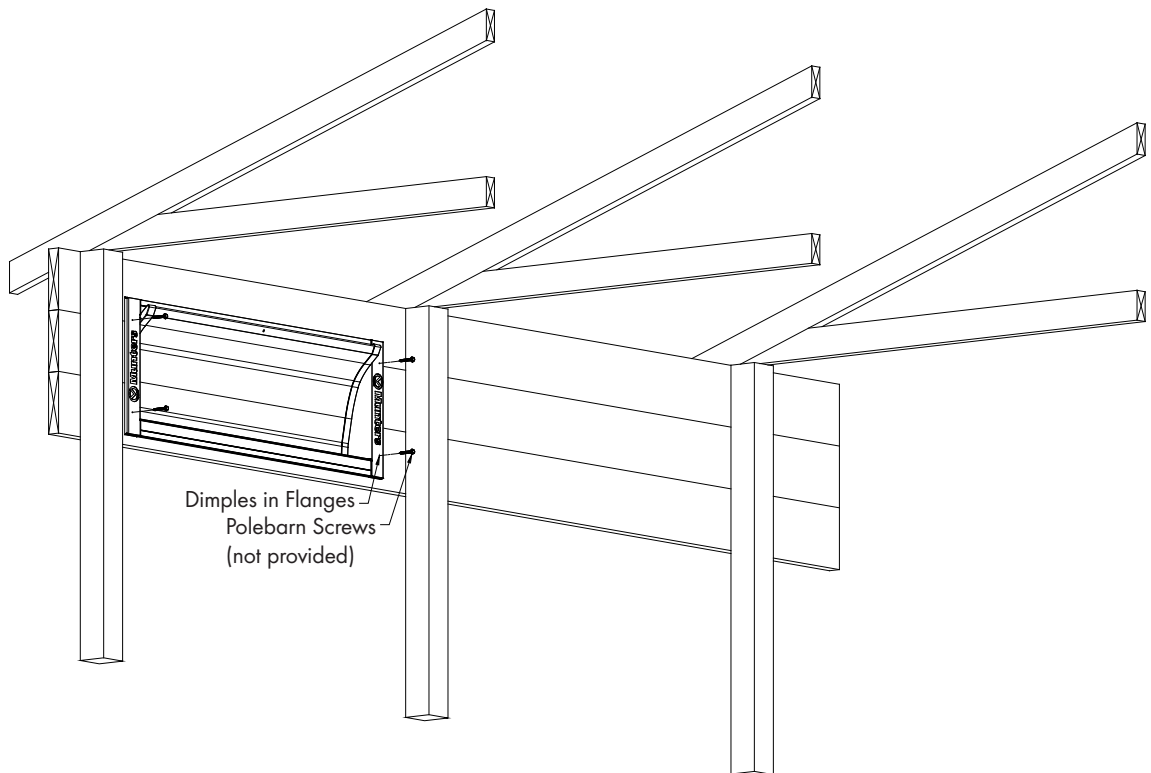
Step 8

Secure inlet into opening using (4) Polebarn Screws or other appropriate fasteners (not provided). Locate screws in dimples in side flanges. **DO NOT** overtighten screws. See [Figures 8A and 8B](#).



Frame Construction

Figure 8A



Post Construction

Figure 8B

Step 9

Secure bottom header of inlet using (1) Polebarn Screws or other appropriate fasteners (not provided) in the center of the groove of the flange. Make sure the bottom flange is straight when fastening. Push up slightly on center of top header $\frac{1}{4}$ " or 0.6cm and secure using (1) Polebarn Screw (not provided). DO NOT overtighten screws. See Figures 9A and 9B.

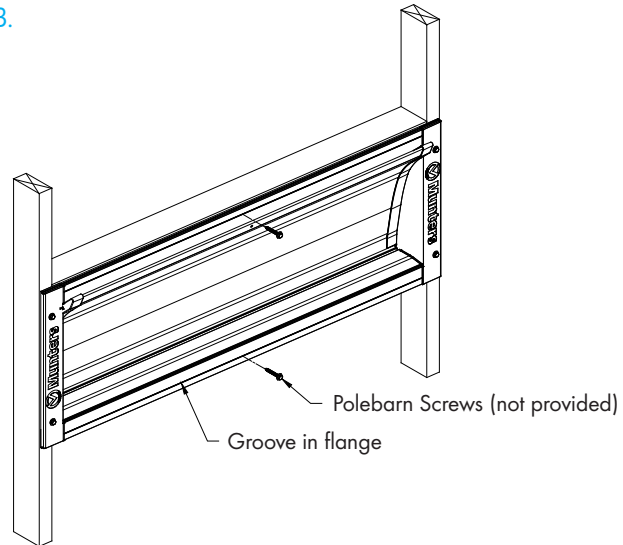
**Frame Construction**

Figure 9A

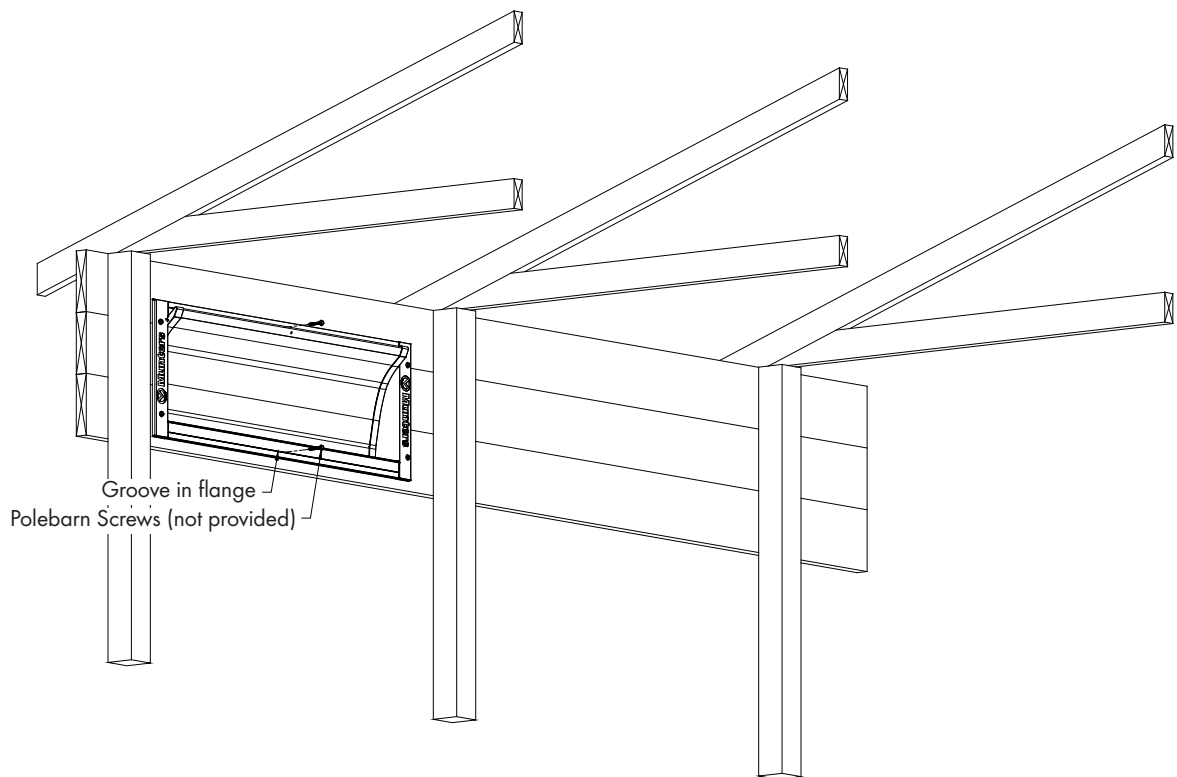
**Post Construction**

Figure 9B

Step 10

Attach pulleys in line with screw hooks at each endwall. See Figure 10A and 10B.

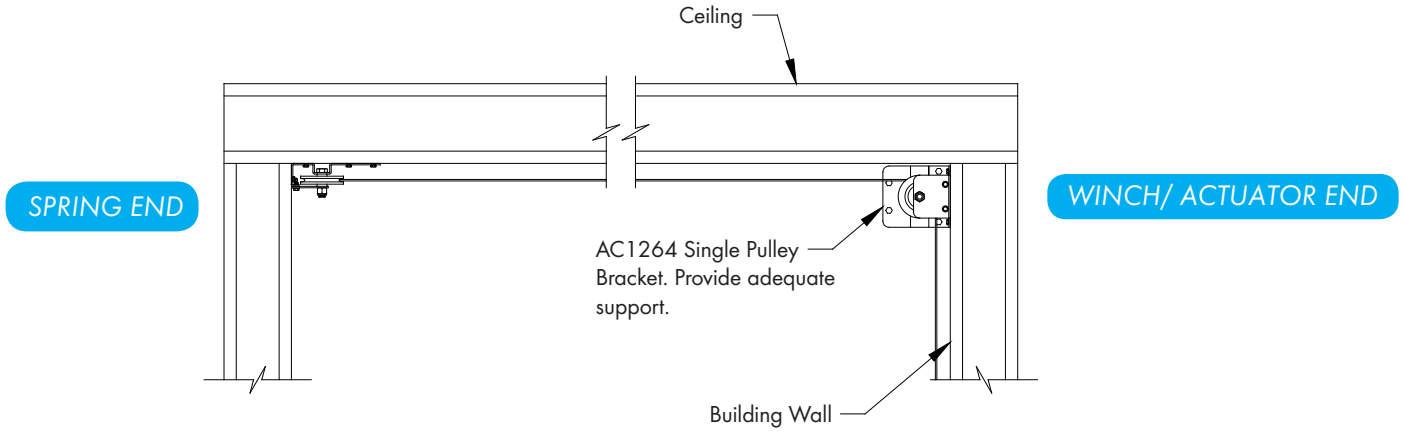


Figure 10A

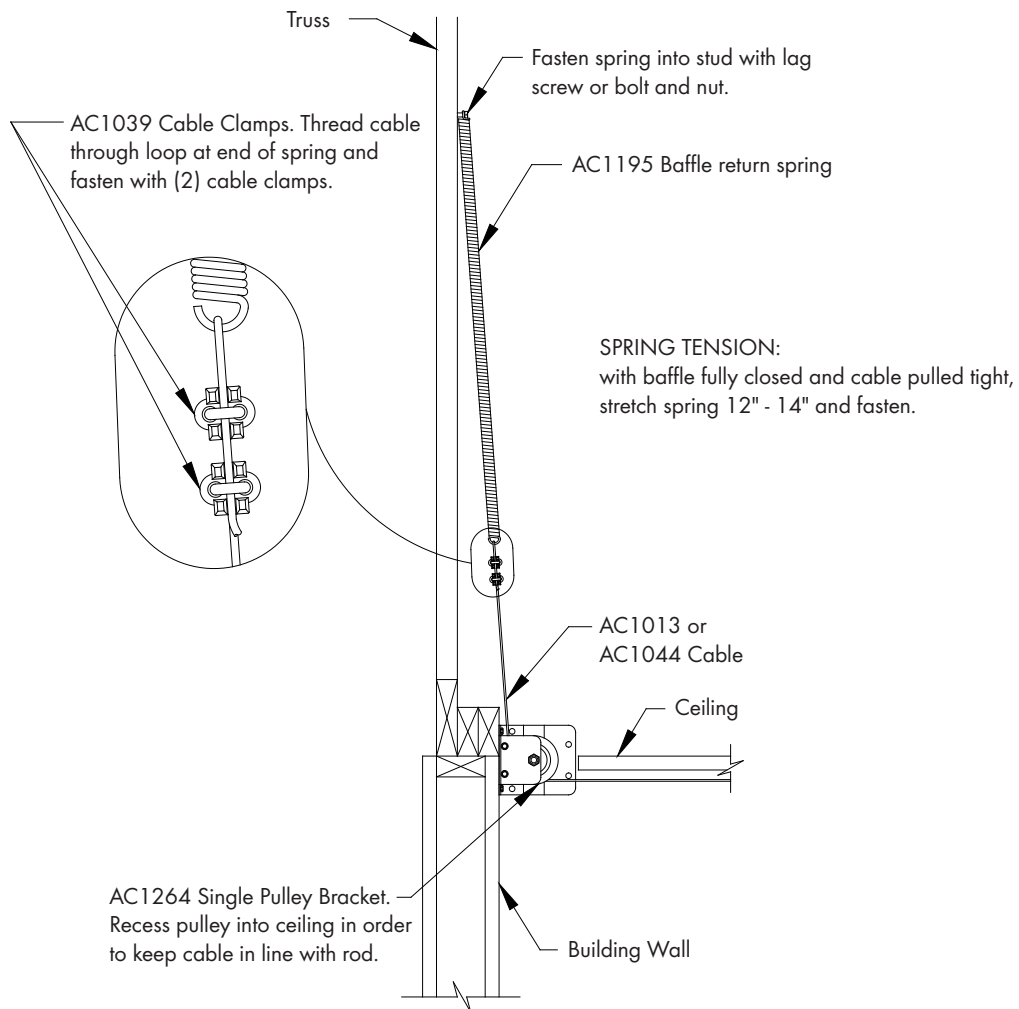


Figure 10B

Step 11

Install Screw Hooks 2" above top flange of Inlet, in line with Lift Line hole in door. See Figures 11A and 11B. For Post Frame Construction, also, install a screw hook on each post near ceiling. See Figure 11C.

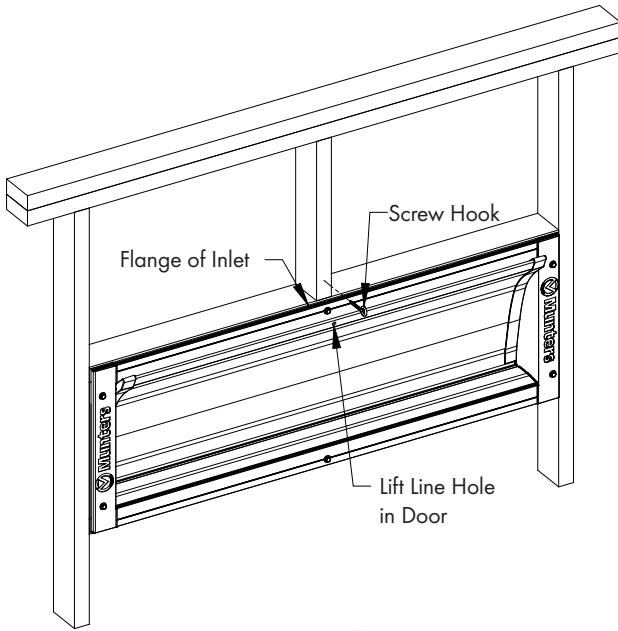


Figure 11A

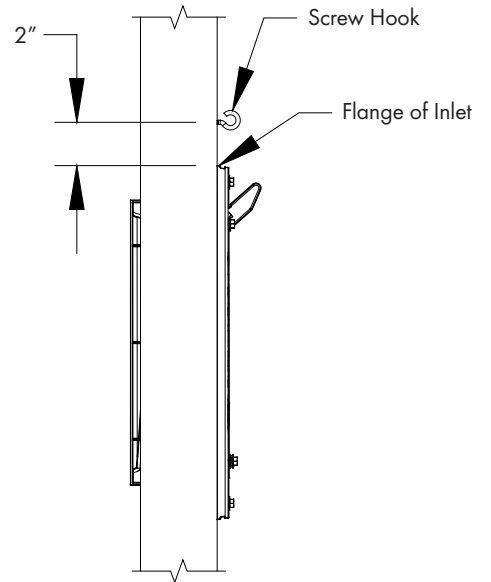


Figure 11B

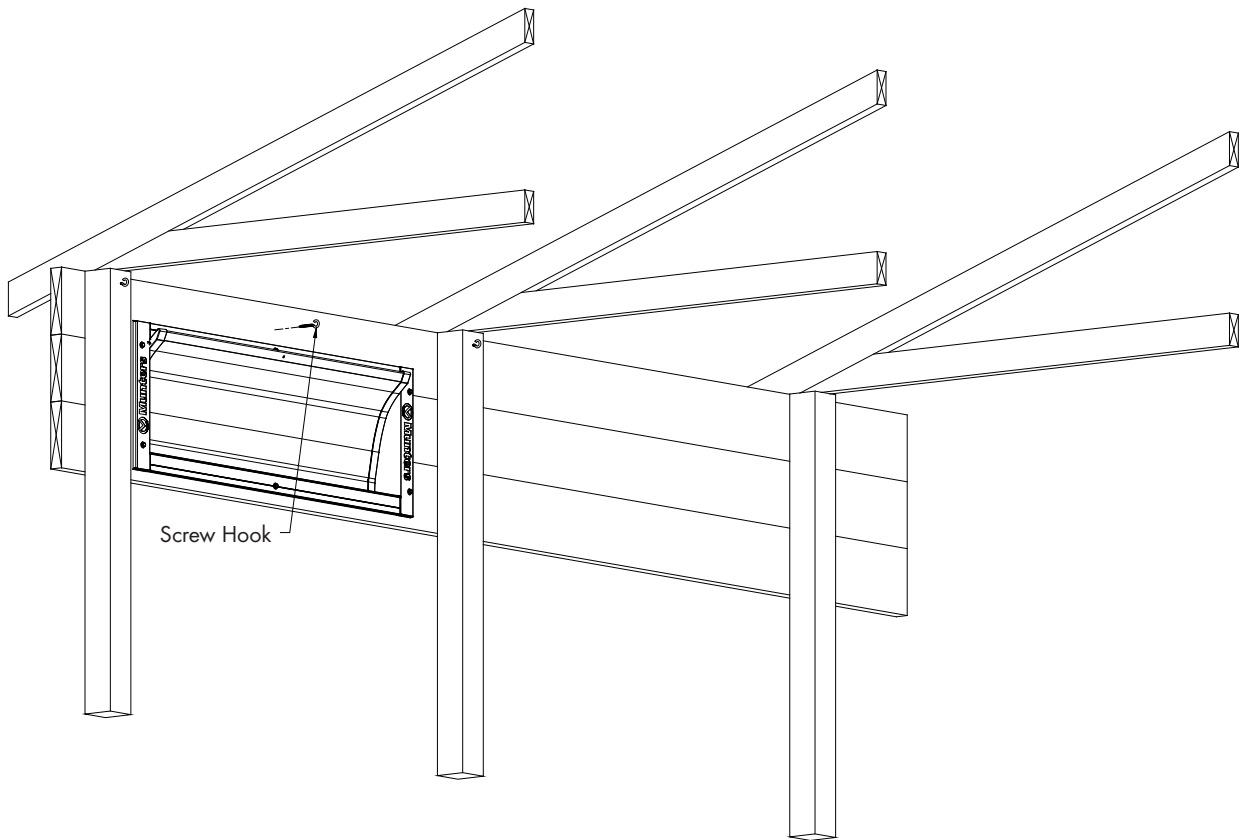


Figure 11C

Step 12

Pull main rod or cable from winch or actuator through pulleys and screwhooks to weights or return spring on opposite end wall. See Figures 10A, 10B, 12A and 12B. Be sure to coil approximately 1' of cable on winch.

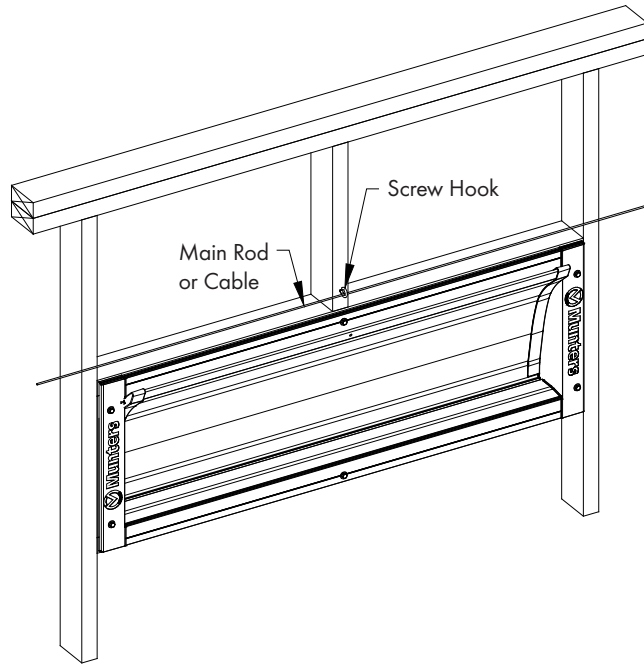


Figure 12A

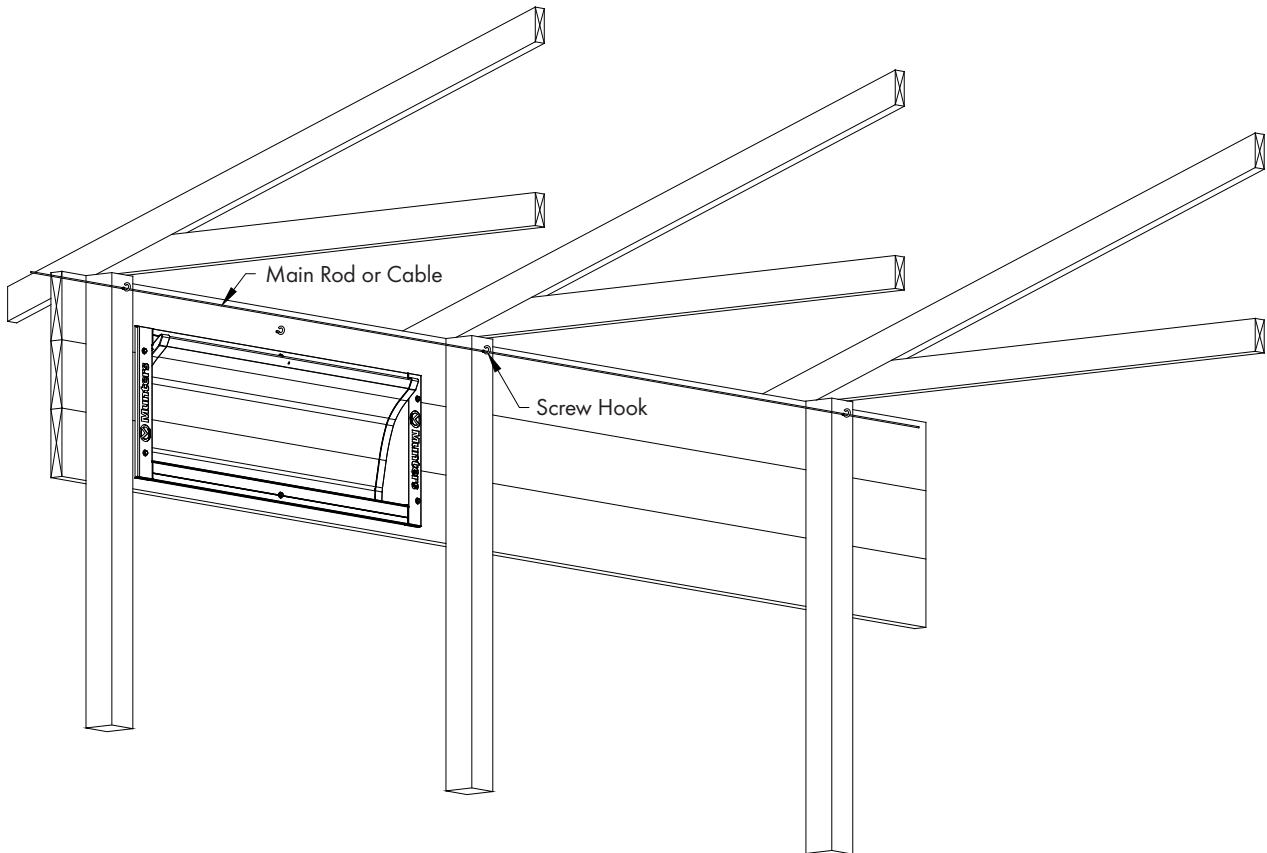


Figure 12B

Note: If optional kit, Lift Package (FA1500) was purchased, hardware mentioned below in [Step 13](#) is included. If not purchased, hardware provided by others.

Step 13

Put a Nylon Guide Link [C] (black) on each Screw Hook [B] that is directly above the center of each inlet. Attach one Lift Line [E] to Main Cable using (1) Cable Clamp [D]. Lift line should be attached 14" back from hook toward the winch end. Run each lift line through the adjacent Nylon Guide Link [C] and attach Azuma Bolt and Nut [A]. See [Figure 13A](#) and [13B](#).

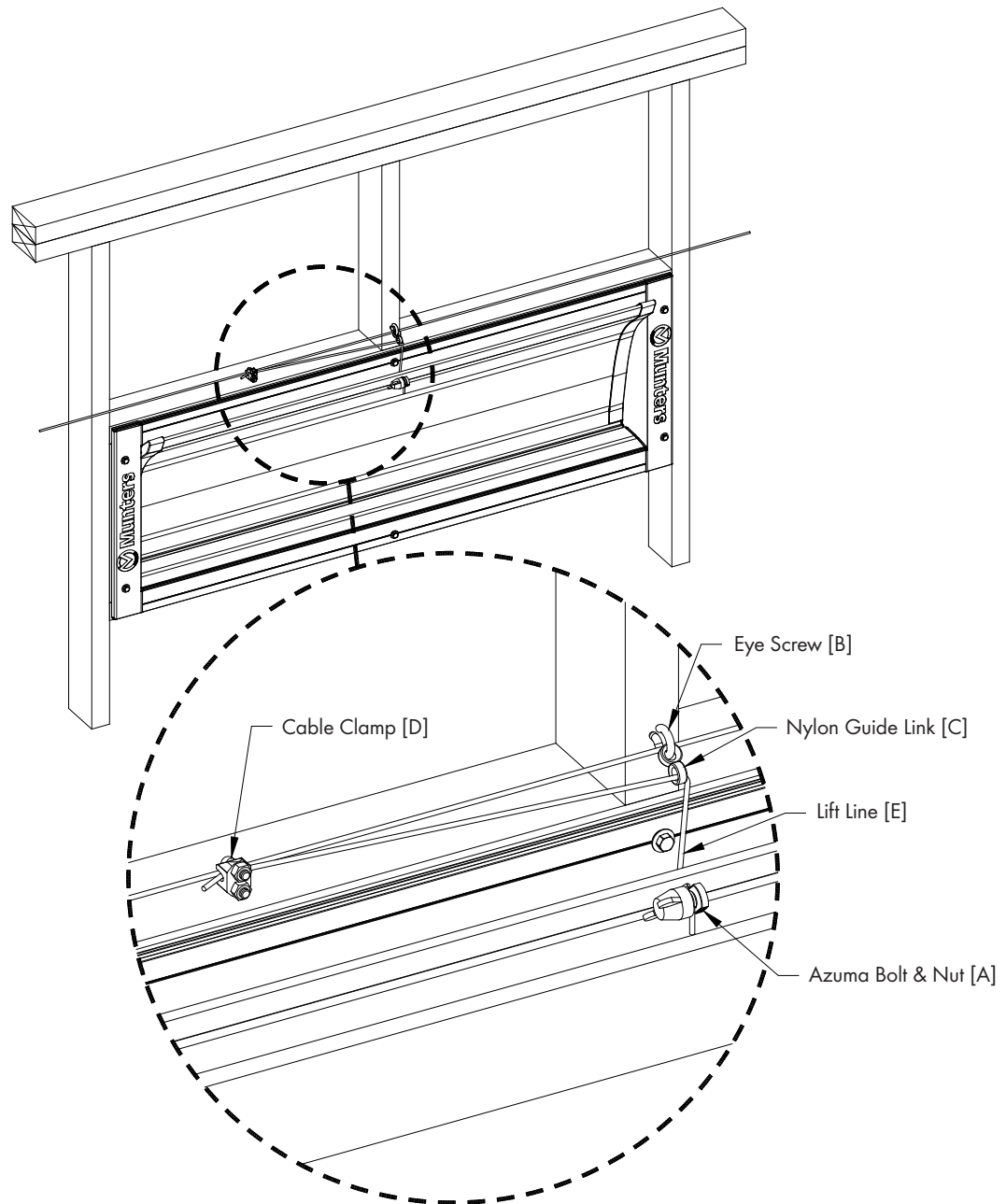


Figure 13A

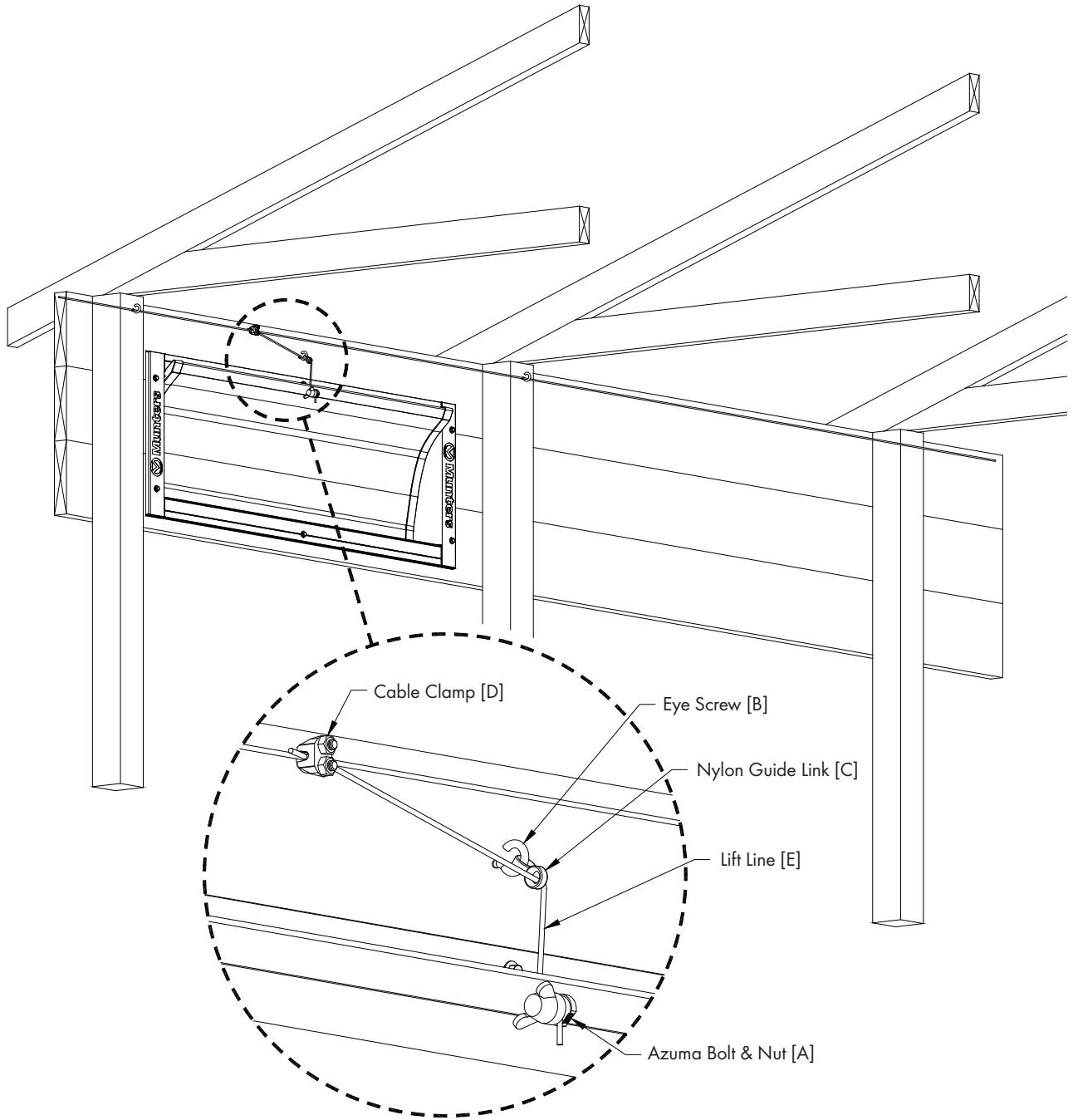


Figure 13B

Step 14

With the winch at its fully closed position, go back, check and readjust each baffle door tightly to inlet frame. Use winch or baffle machine to open and close inlets a few times to make sure baffle moves smoothly and each door remains even over the total length of house. See Figure 14.

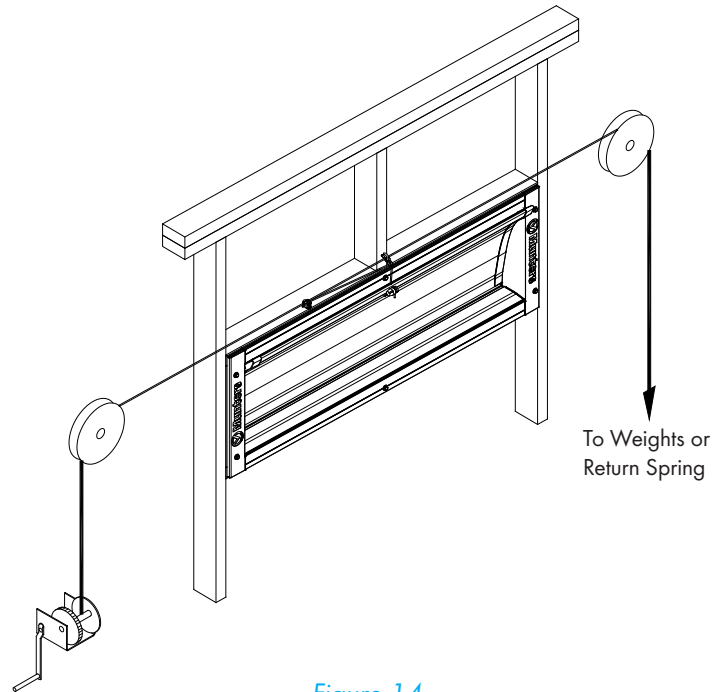


Figure 14

Step 15

Locate (2) L-Screws 1/2" [1.2cm] above Top Header and evenly space across the inlet. Thread L-Screws in far enough to hold the door in the close position. Make sure L-Screw does not interfere with the Lift Line or Main Rod or Cable. See Figure 15A and 15B.

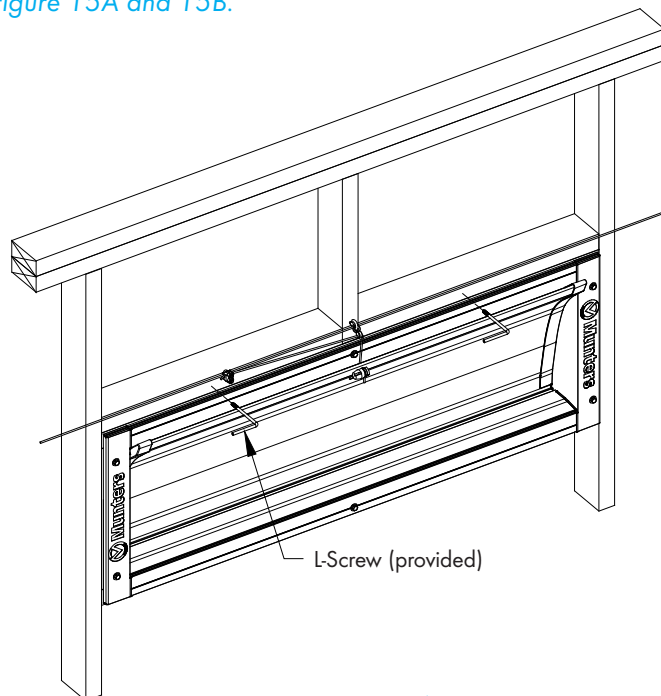


Figure 15A

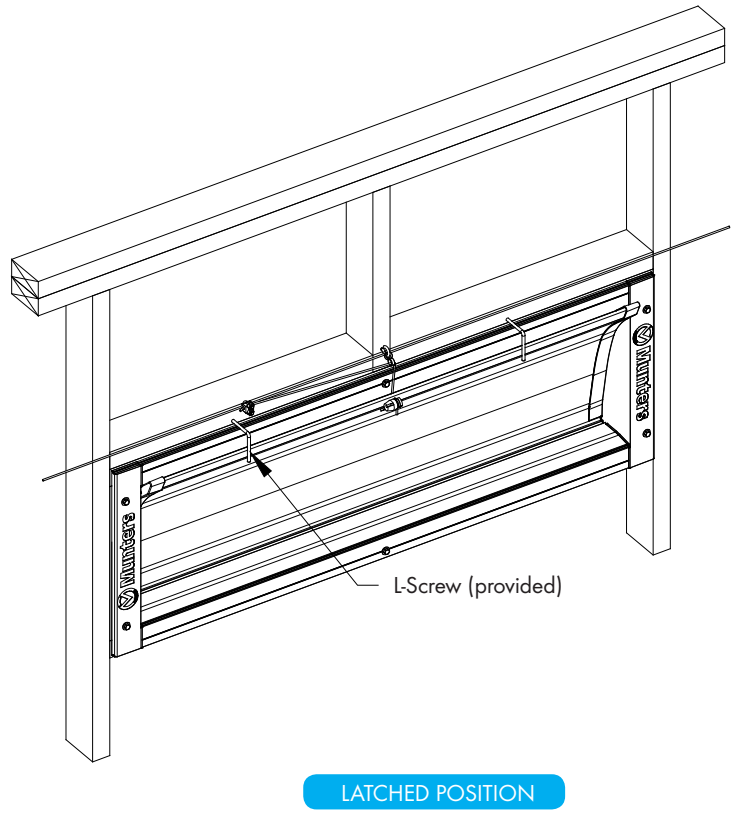
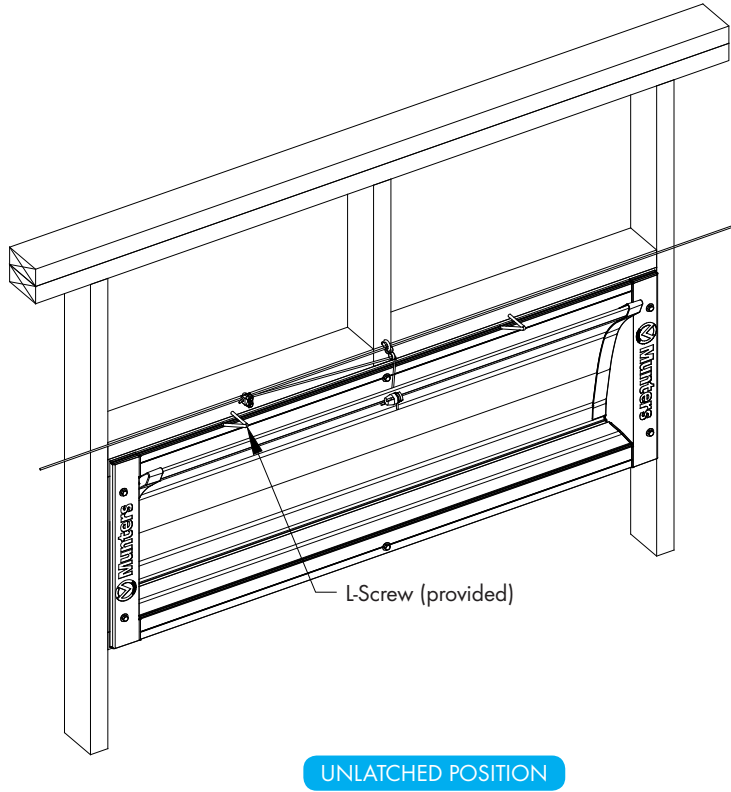


Figure 15B

MWI Inlets are Sold by Munters Corporation, Lansing, Michigan U.S.A. 1-800-227-2376



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