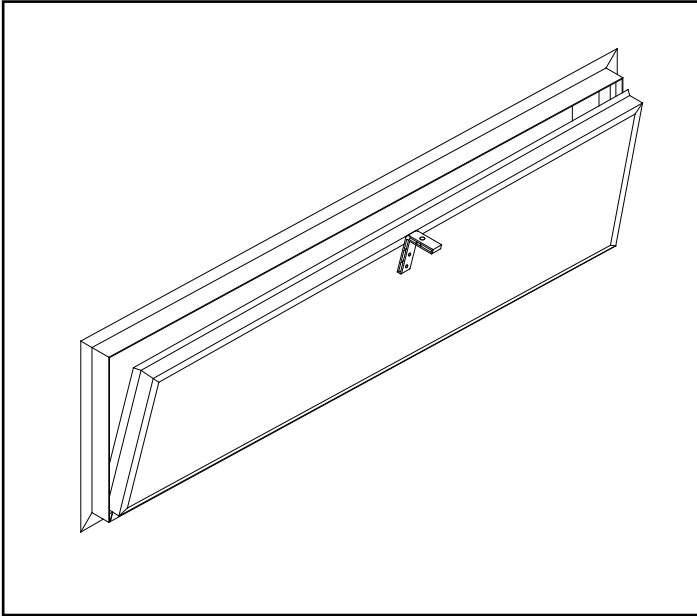


# Instruction Manual



## PB Plastic Vent Door

## PB Plastic Vent Door

Models: PB1100 • PB1800 • PB2300  
PB1650 • PB2750 • PB3550



# PB Plastic Vent Door

## Instructions for Use and Maintenance

### Thank You:

Thank you for purchasing a Munters PB Plastic Vent Door. 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 PBxxxx Inlet includes:

1 - Hardware Package (HP1222)

### HP1222 for PB Inlets

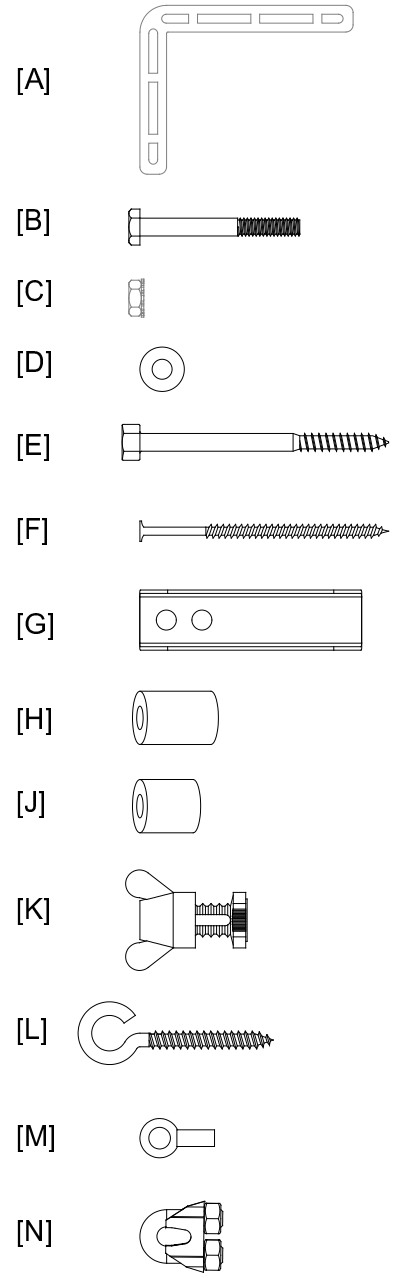
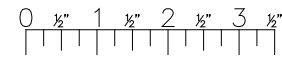
ID	Qty.	Cat. No.	Description
[A]	1	FA1199-2	Lift Bracket
[B]	2	KS1066	1/4" x 2 1/4" Hex Bolt, SS
[C]	2	KN0702	1/4" Flange Nut, SS
[D]	2	KW3002	1/4" Flat Washer, SS

### Optional Latch Kits (AC1558)

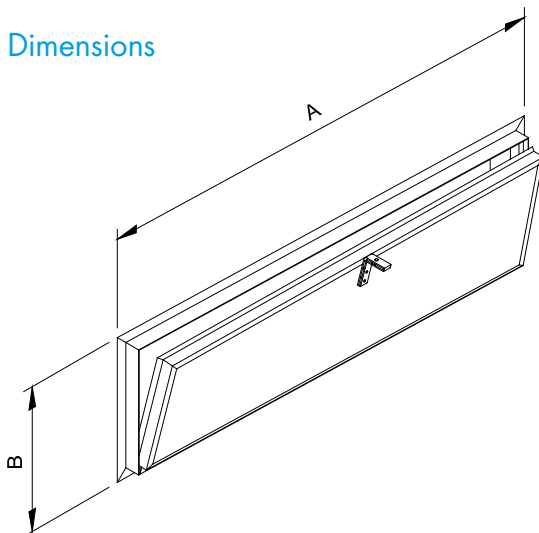
[E]	1	KS2465	1/4" x 3.5" Lag Screw, SS
[F]	1	KS2125	#10 x 3.5" Deck Screw, Ceramic CTD
[G]	1	FH2732	Latch Arm
[H]	1	KX1256	3/4" O.D. x 1" L. Spacer
[J]	2	KX1257	3/4" O.D. x 3/4" L. Spacers

### Optional Lift Kits (FA1500)

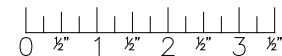
[K]	1	AC0211/AC0212	Azuma Bolt and Nut
[L]	1	KS2601	6 GA. x 1.875" Open Eye Lag Screw, ZP
[M]	1	AC1054	Nylon Guide Link
[N]	1	AC1039	3/16" Dia. Cable Clamp, ZP



## 1.2 Inlet Dimensions



Door Size	Cat. No.	A	B	Wall Opening
8"	PB1100	24 1/4"	10 3/4"	8 1/4"H. x 21 3/4"W.
	PB1800	37 3/4"	10 3/4"	8 1/4"H. x 35 1/4"W.
	PB2300	48 1/4"	10 3/4"	8 1/4"H. x 45 3/4"W.
12"	PB1650	24 1/4"	14 3/4"	12 1/4"H. x 21 3/4"W.
	PB2750	37 3/4"	14 3/4"	12 1/4"H. x 35 1/4"W.
	PB3550	48 1/4"	14 3/4"	12 1/4"H. x 45 3/4"W.



# Installation Instructions

# 2.

## Step 1

Construct a framed opening to correct size according to Wall Opening listed in chart on previous page. A minimum of 10" - 12" from ceiling to the top inside of the stud. See [Figure 1A and 1B](#).

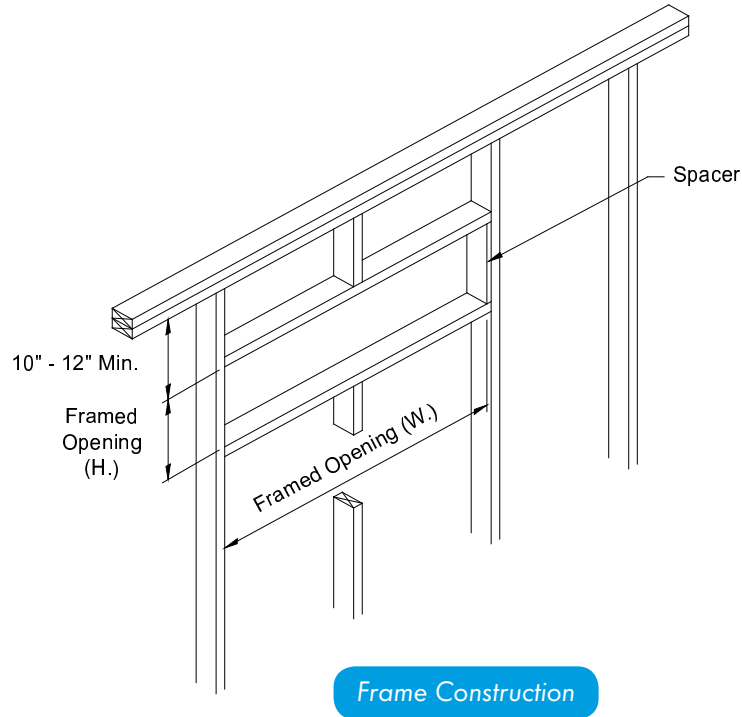


Figure 1A

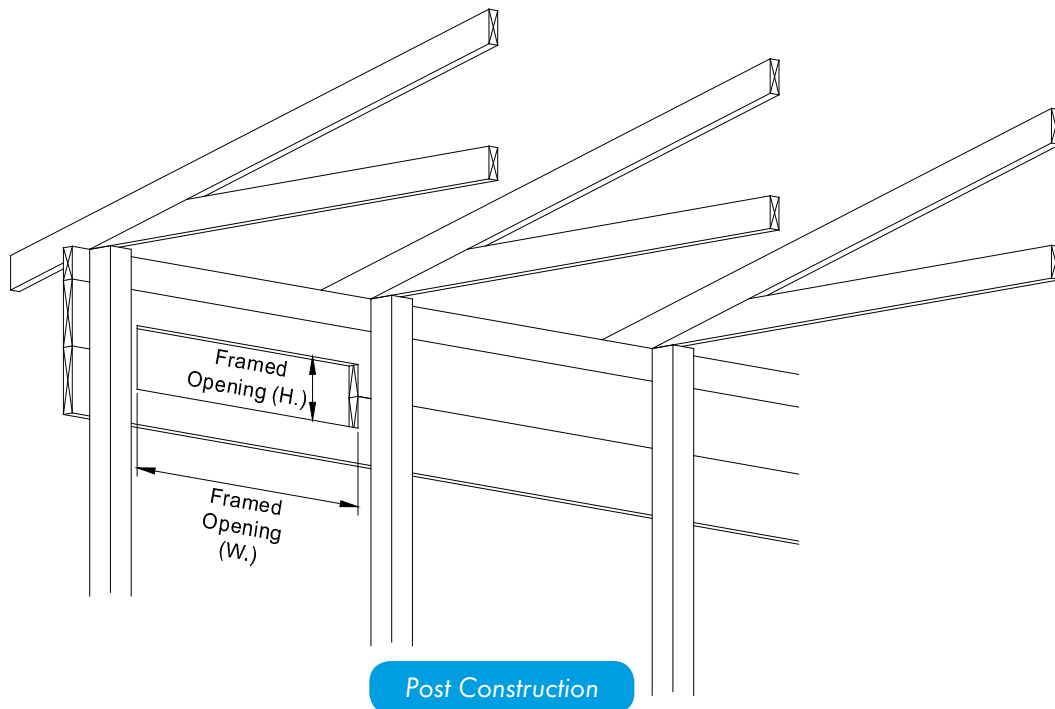


Figure 1B

Step 2

Using Lift Bracket [A] as a guide mark and drill (2) 1/2" holes in Vent Door and install Lift Bracket [A] flush with the top edge of baffle door and centered on the length, using (2) Bolts [B], Nuts [C] and Washers [D] (provided). Top bolt should go through top extrusion. See Figure 2.

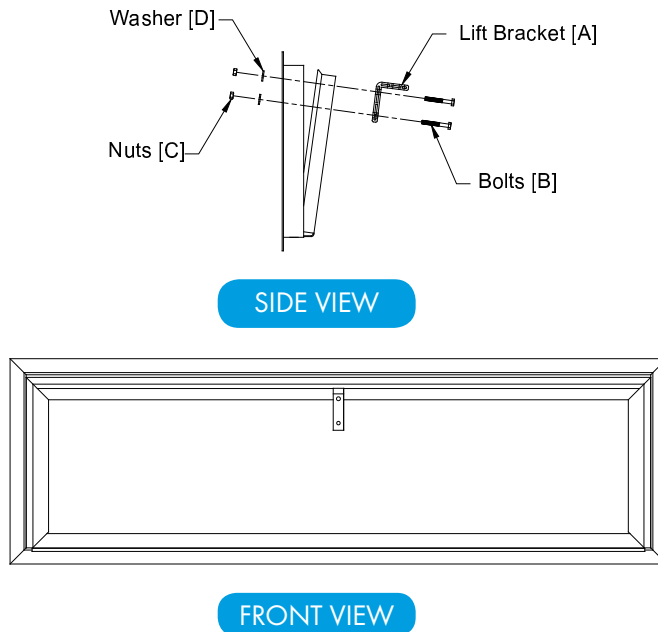


Figure 2

Step 3

Install Screw Hooks [L] centered on length of PB inlet and 2 1/2" above top framed opening. See Figure 3A and 3B. For post frame construction, also, install a screw hook on each post near the ceiling. See Figure 3C.

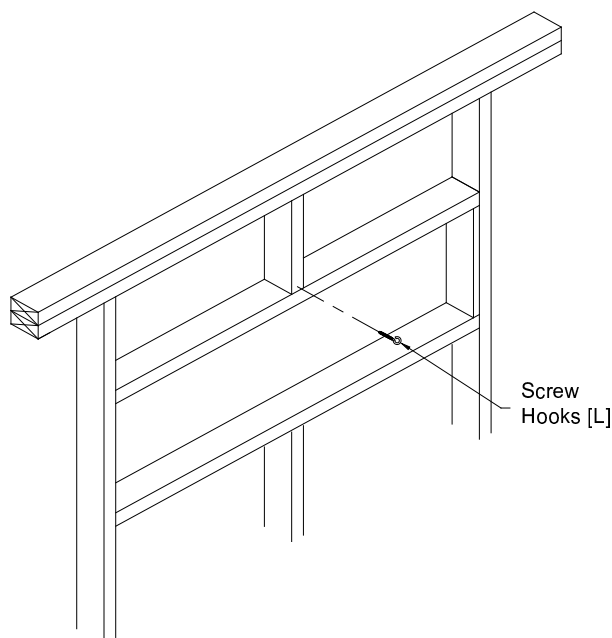


Figure 3A

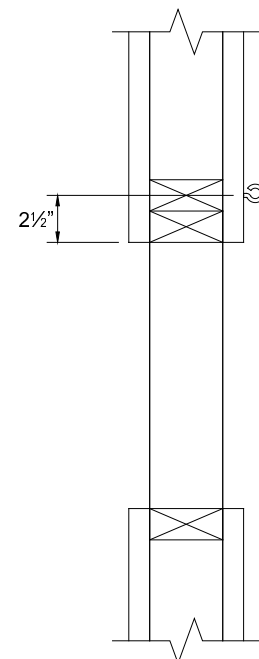


Figure 3B

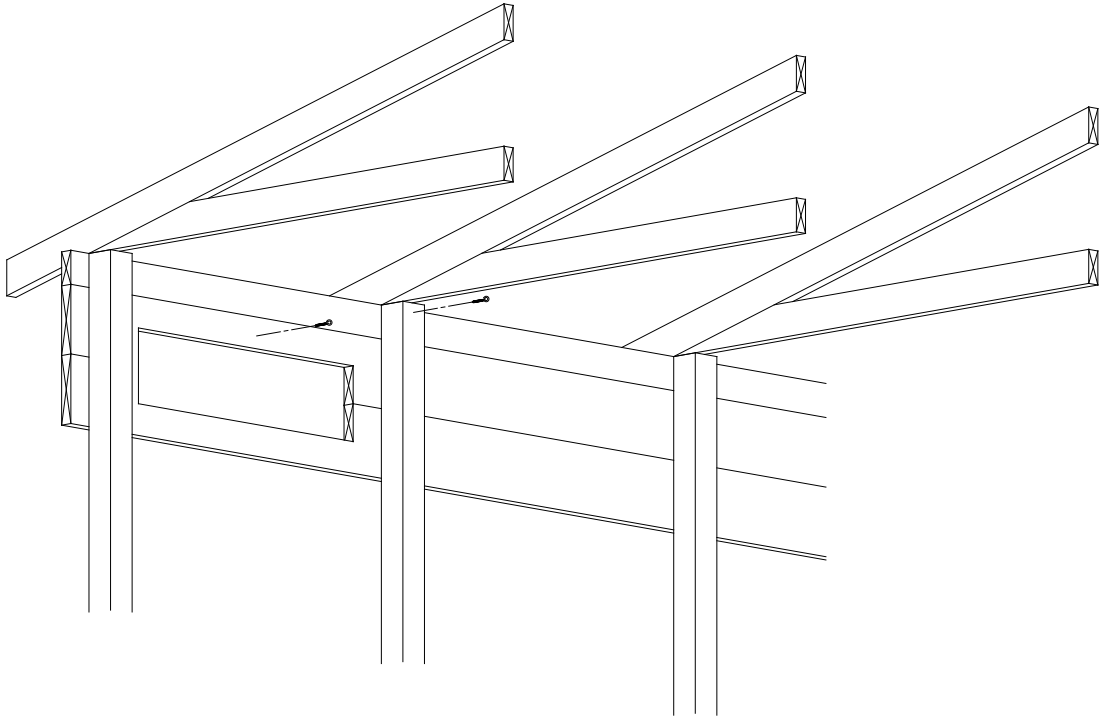


Figure 3C

Step 4

Install the Inlet onto the opening from the room side of the wall. Attach with (10) Lag Screws (not provided).  
See Figures 4A and 4B.

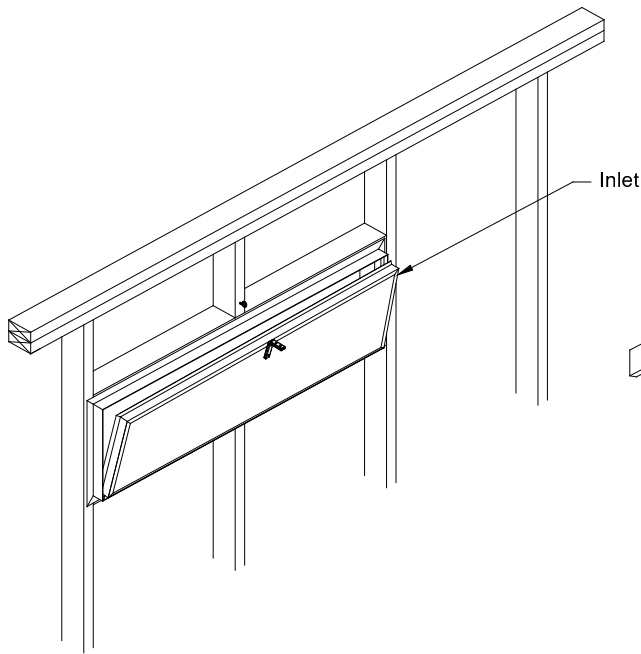


Figure 4A

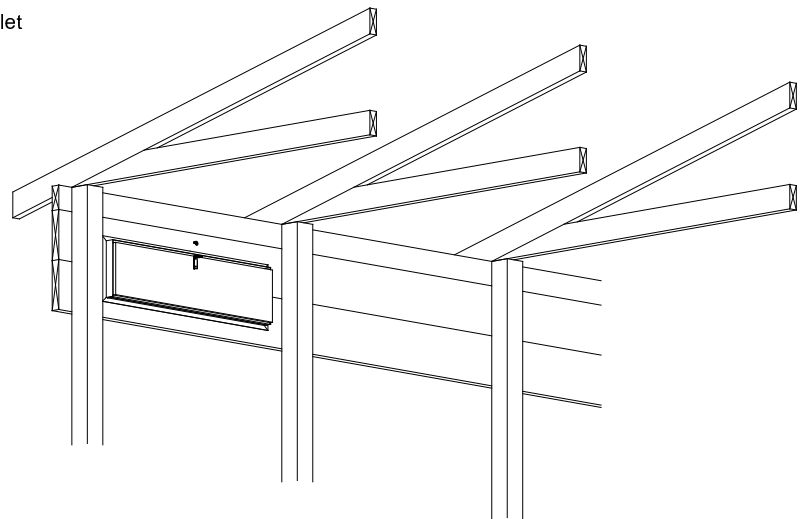


Figure 4B

## Step 5

Attach pulleys in line with screw hooks at each endwall. See Figure 5A and 5B.

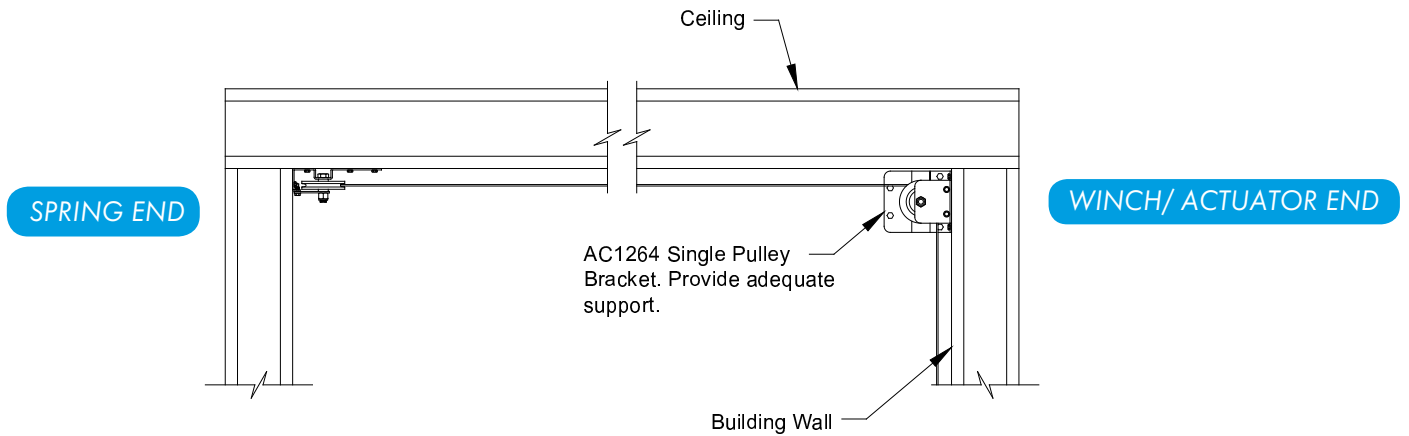


Figure 5A

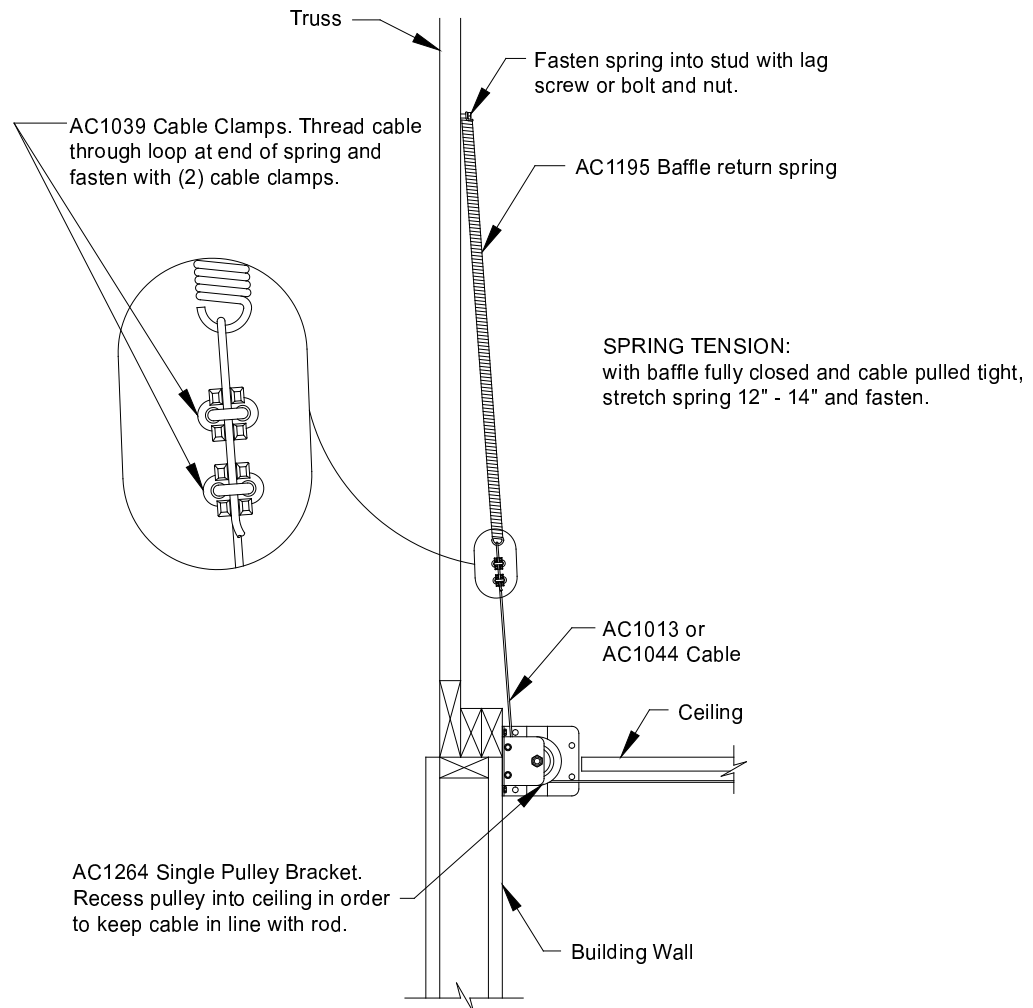


Figure 5B



**Step 6**

Pull main cable from winch or actuator through pulleys and screwhooks to weights or return spring on opposite end wall. See Figures 5A, 5B, 6A and 6B. Be sure to coil approximately 1' of cable on winch.

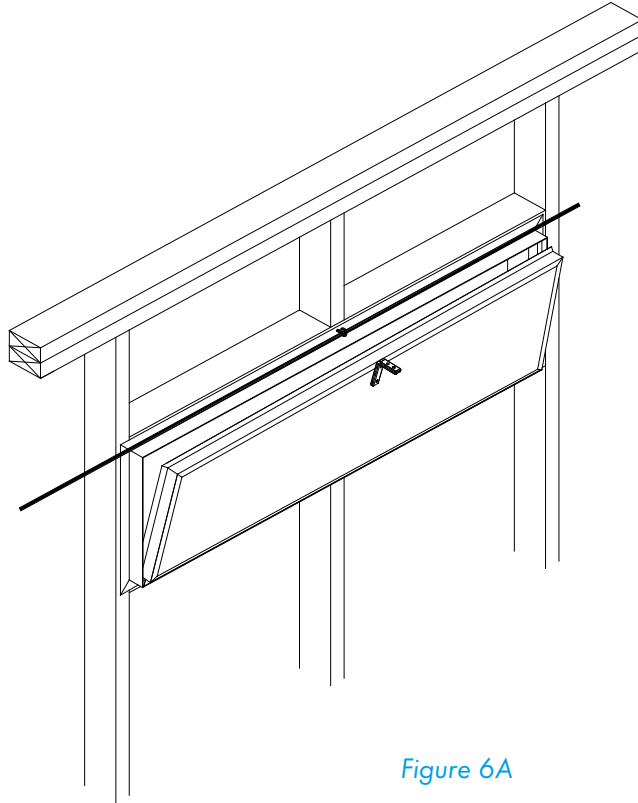


Figure 6A

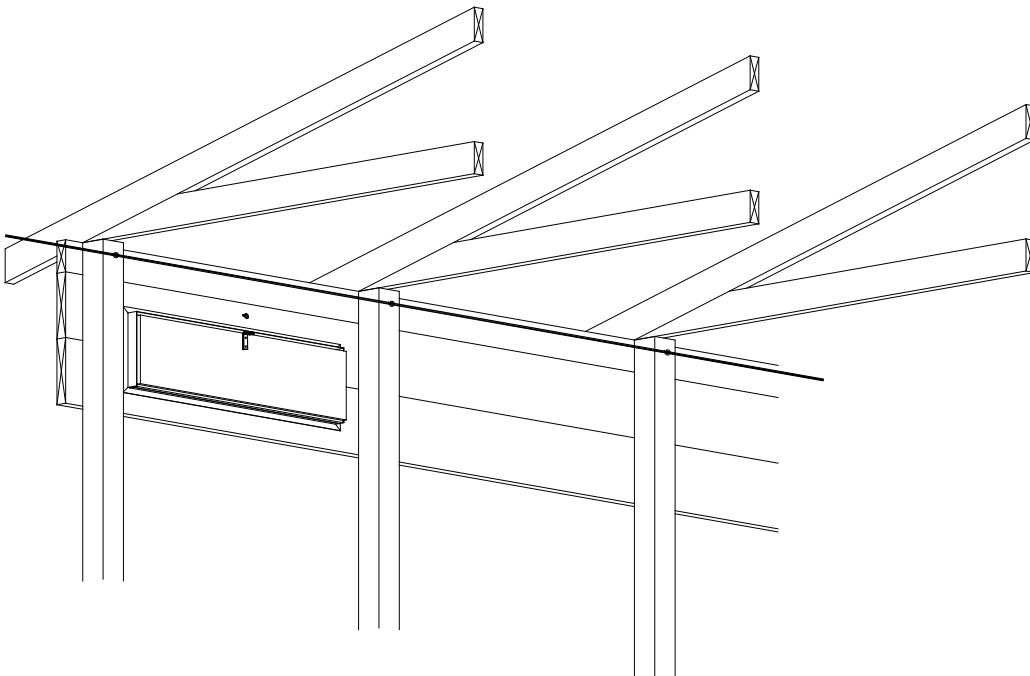


Figure 6B

**Note:** If optional kit, Lift Package (FA1500) was purchased, hardware mentioned below in [Step 7](#) is included. If not purchased, hardware provided by others.

### Step 7

Put a Nylon Guide Link [M] (black) on each Screw Hook [L] that is directly above the Lift Bracket [A] of each inlet. Attach one Lift Line to Main Cable using (1) Cable Clamp [N]. Lift line should be attached 14" back from hook toward the winch end. Run each lift line through the adjacent Nylon Guide Link [M] and attach Azuma Bolt and Nut [K]. See [Figure 7A](#), [7B](#) and [7C](#).

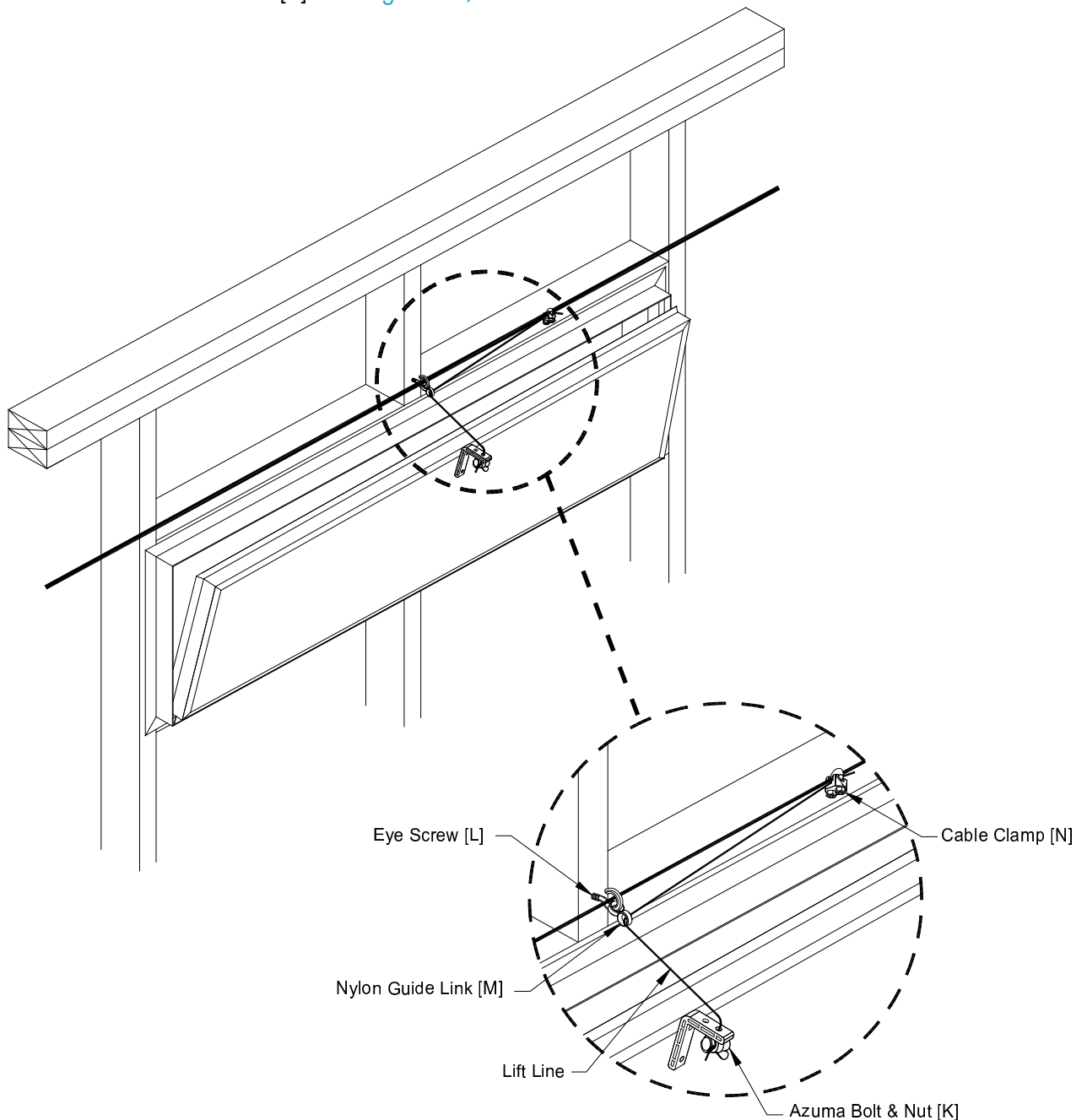


Figure 7A

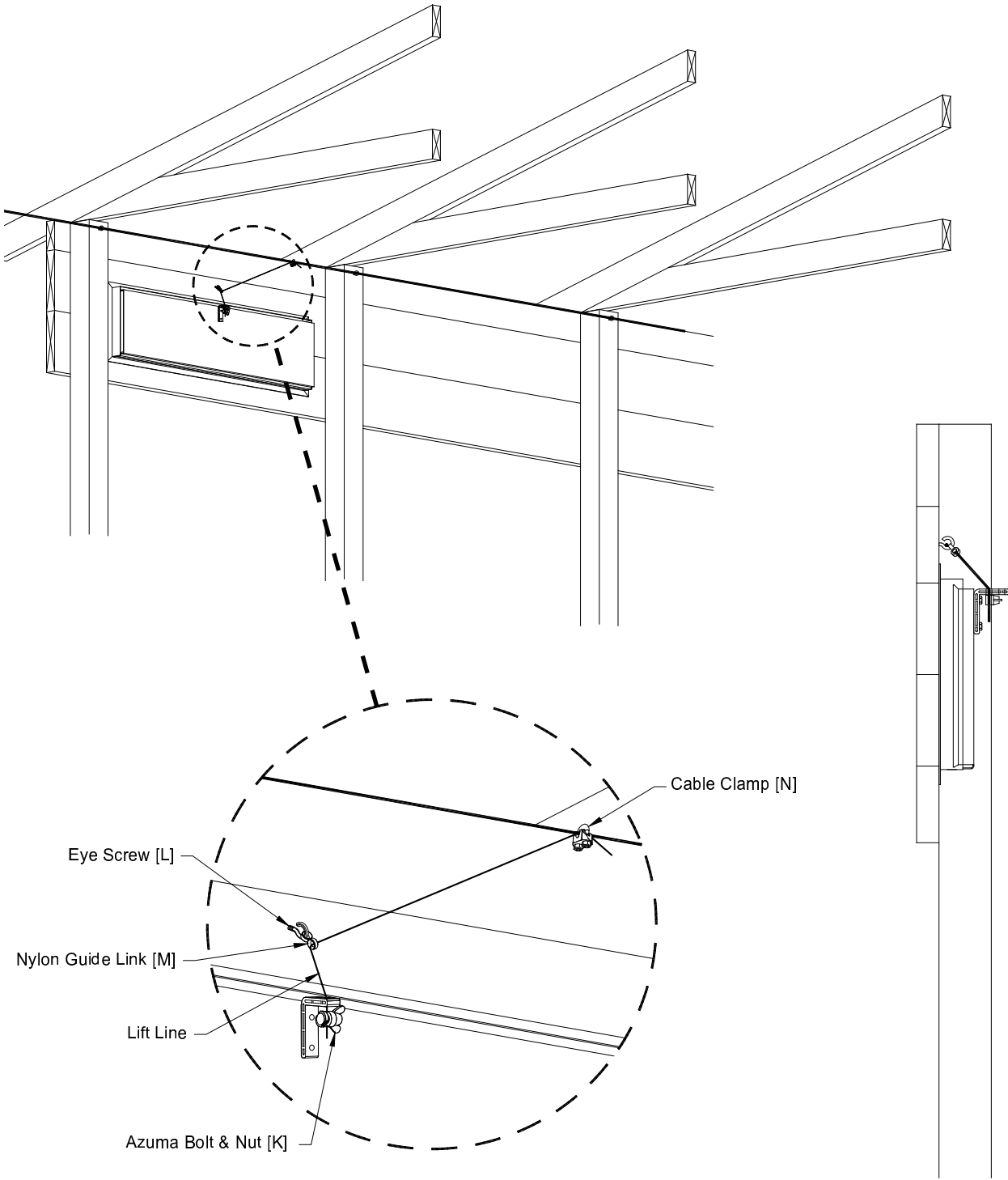


Figure 7B

Figure 7C

Step 8

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 8.

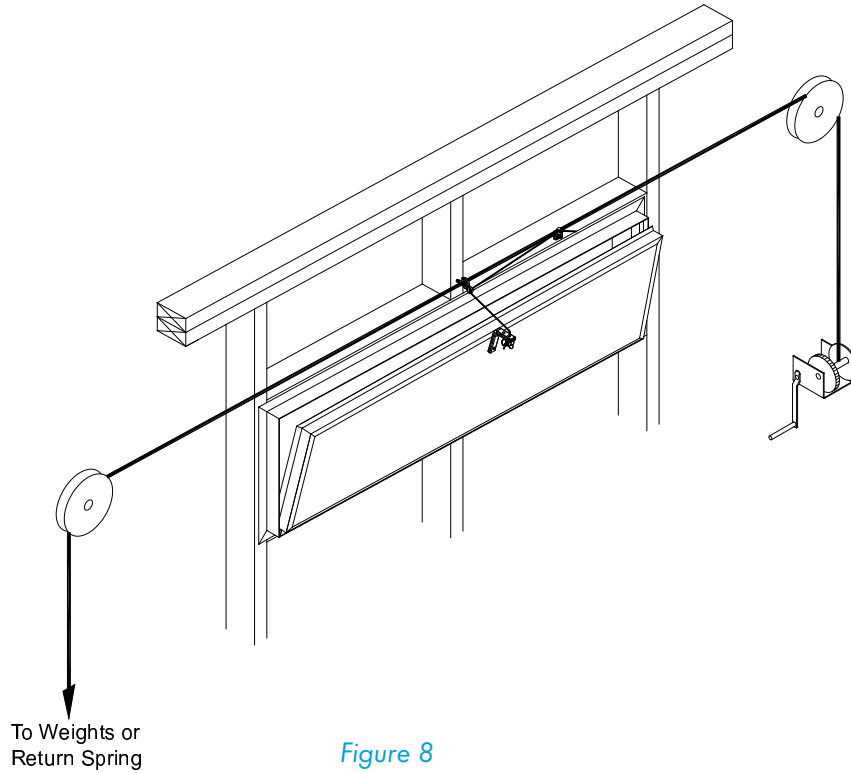


Figure 8

Step 9

Install optional Latch Bracket. The latch bracket should be located near the top center of the inlet. The spacer should not interfere with the inlet seal. See Figure 9A and 9B.

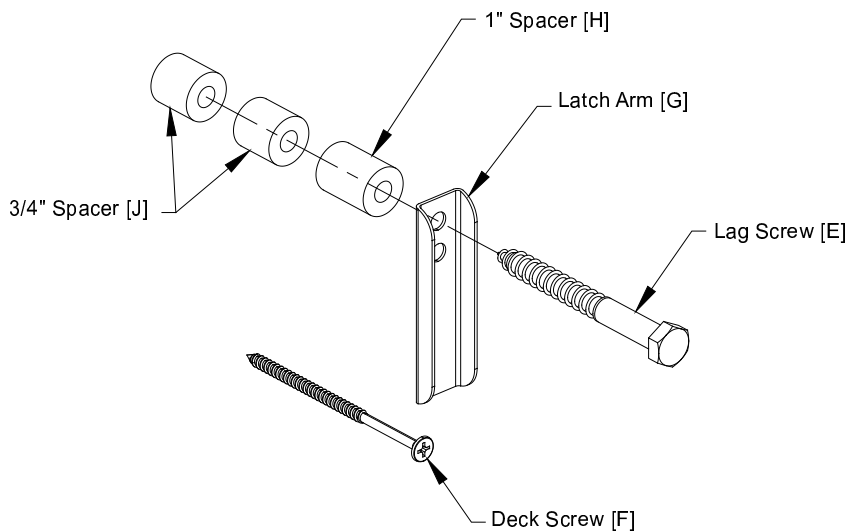


Figure 9A

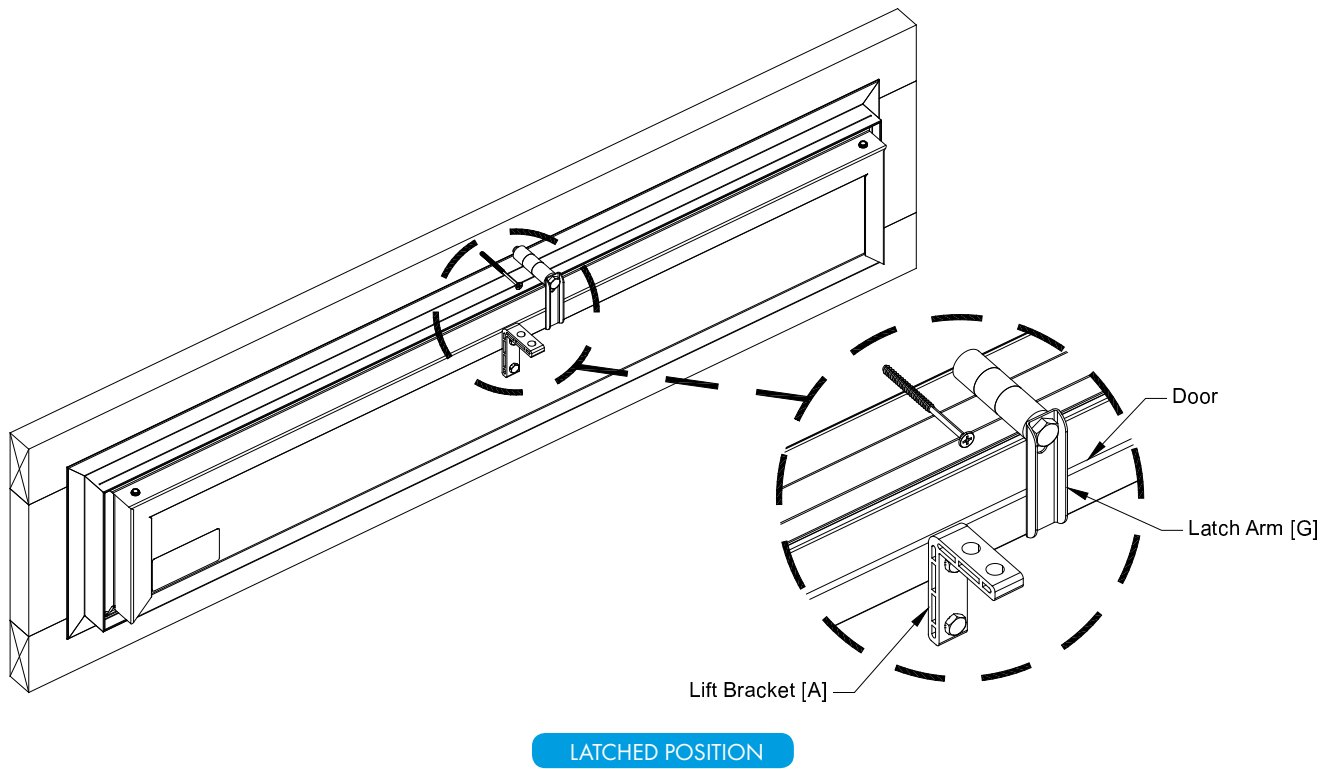
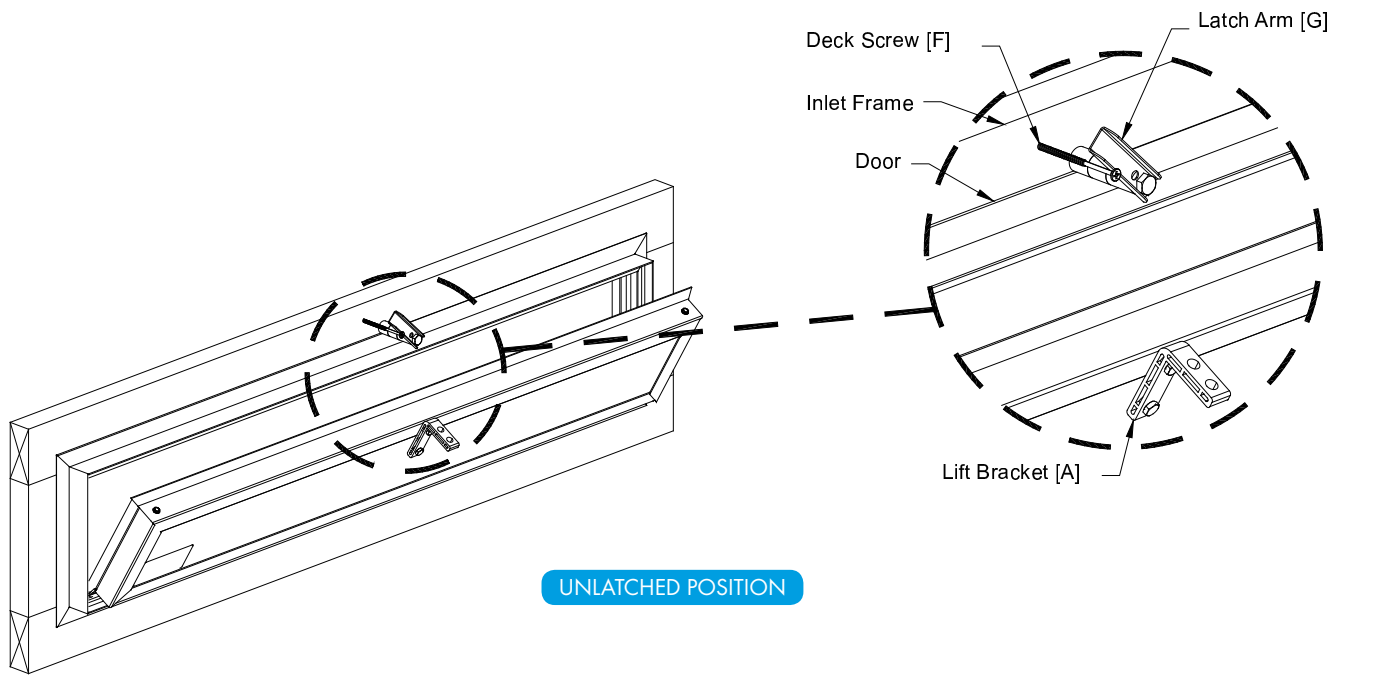


Figure 9B

PB Inlets are developed and produced by Munters Corporation, Lansing, Michigan U.S.A. 1-800-227-2376



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