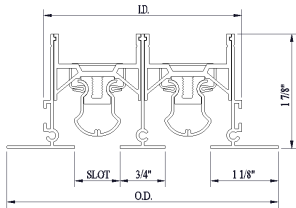




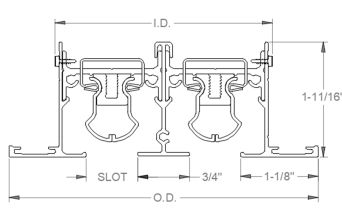
Width Dimensions by Slot

End Cap Construction



I.D. = Inside Dimension

Mitre Corner Construction



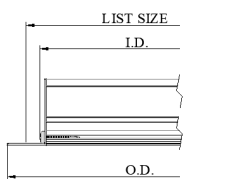
O.D. = Outside Dimension

Slot Number	1/2" SLOT		3/4" SLOT		1" SLOT	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
1	1-5/8"	2-3/4"	1-7/8"	3"	2-1/8"	3-1/4"
2	2-7/8"	4"	3-3/8"	4-1/2"	3-7/8"	5"
3	4-1/8"	5-1/4"	4-7/8"	6"	5-5/8"	6-3/4"
4	5-3/8"	6-1/2"	6-3/8"	7-1/2"	7-3/8"	8-1/2"
5	6-5/8"	7-3/4"	7-7/8"	9"	9-1/8"	10-1/4"
6	7-7/8"	9"	9-3/8"	10-1/2"	10-7/8"	12"
7	9-1/8"	10-1/4"	10-7/8"	12"	12-5/8"	13-3/4"
8	10-3/8"	11-1/2"	12-3/8"	13-1/2"	14-3/8"	15-1/2"
9	11-5/8"	12-3/4"	13-7/8"	15"	16-1/8"	17-1/4"
10	12-7/8"	14"	15-3/8"	16-1/2"	17-7/8"	19"
11	14-1/8"	15-1/4"	16-7/8"	18"	19-5/8"	20-3/4"
12	15-3/8"	16-1/2"	18-3/8"	19-1/2"	21-3/8"	22-1/2"
13	16-5/8"	17-3/4"	19-7/8"	21"	23-1/8"	24-1/4"

Slots 5-13 for Mitre Corner End Only

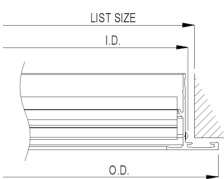
End Configurations

End Cap



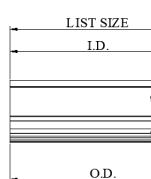
I.D. = Inside Dimension

Mitre Corner



O.D. = Outside Dimension

Open End



Length Dimensions by End Configurations

End Caps	
E2 - Both Ends	E1 - One End
I.D. List - 1/2"	List - 1/4"
O.D. List + 1-1/2"	List + 3/4"

Mitre Corners	
M2 - Both Ends	M1 - One End
I.D. List - 3/16"	List - 3/32"
O.D. List + 1"	List + 1/2"

Open Ends
E0 - Open Ends
I.D. List Size
O.D. List Size

- Fully extruded, high quality aluminum construction.
- Aerodynamic ice-tong controllers allow for 180° pattern control. Controllers made from extruded aluminum for corrosion resistance and reduced noise.
- Available in any length. Lengths over 84" are joined together with provided alignment pins for continuous appearance.
- Maximum length of pattern controllers is 60". Lengths over 60" will be provided with multiple pattern controllers.
- Available with durable powder coat finish.

1. Specify Quantity

2. Specify the Length Dimensions

Available on 1/2" increments as standard. Custom sizes down to 1/16" increments.

_____ ☐ inches ☐ mm

3. Select a Slot Width

- ☐ 50 - 1/2" slot
- ☐ 75 - 3/4" slot
- ☐ 10 - 1" slot

4. Select a Number of Slots

- ☐ 1 - 1 Slot ☐ 4 - 4 Slot
- ☐ 2 - 2 Slots ☐ 5-13 Slots
- ☐ 3 - 3 Slots _____ (Mitre Corner only)

5. Select a Mounting Option

- ☐ A - Screw Holes
- ☐ C - Concealed Bracket
- ☐ TB - No Mounting
- ☐ D - Sidewall Screws

For -E2 and -M2 only. List size under 84" only.

6. Select an End Configuration

- ☐ E2 - Both End Caps
- ☐ E1 - One End Cap
- ☐ M2 - Both Mitre Corners
- ☐ M1 - One Mitre Corner
- ☐ E0 - Open Ends

7. Select a Lead Time

- ☐ 3 Day Ship
- ☐ Next Friday
- ☐ Standard Delivery

8. Select a Finish

- ☐ W - White



Corner Piece

See page 2 for details.

- ☐ MC 90 - 90°
- ☐ MC 135 - 135°



Additional Options

See submittal pages for details.

- ☐ R - Slot Linear Return
- ☐ J - Concealed Mud-In

Project / Location:

Architect:

Engineer:

Contractor:

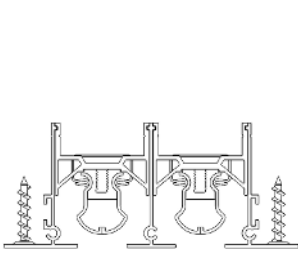


Scan for more product information.

MOUNTING Shown with end cap construction.

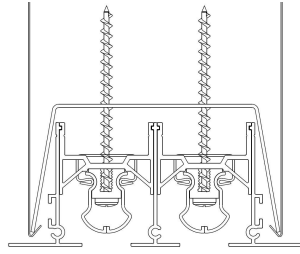
-A

Screw Holes



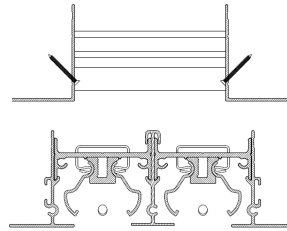
-C

Concealed Bracket



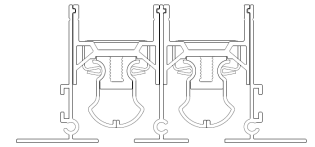
-D

Concealed Screw Holes
(-E2 and -M2 only. List sizes under 84" only.)



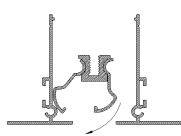
-TB

Lay In / No Mounting

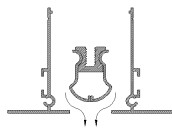


AIR FLOW PATTERNS Shown with end cap construction. For diffusers with more than 2 slots, use in combination to achieve desired air pattern.

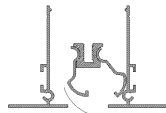
DASL - 1 Slot



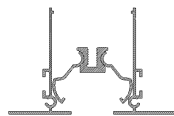
Horizontal Left



Vertical

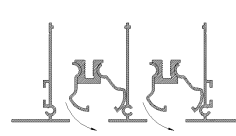


Horizontal Right

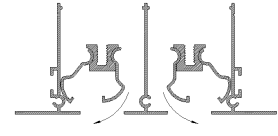


Fully Dampered

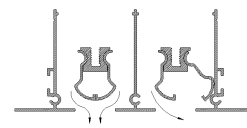
DASL - 2 Slot



One Way

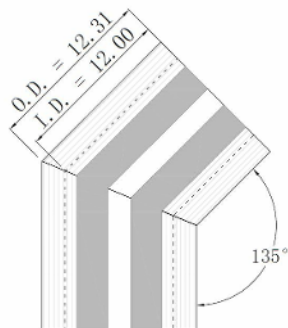
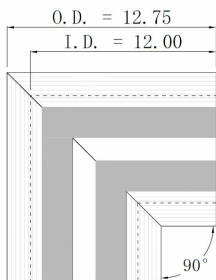


Opposed



Vertical and Horizontal

CORNER PIECE



Corner pieces available at 90° (**MC 90**) and 135° (**MC 135**) as standard.

Corner pieces are provided with alignment pins for a precision match to straight sections.

O.D. and I.D., as shown in the diagram, are the same for 1-4 slots and all slot widths.

FIELD CUTTING For End Cap or Open Ends only. Mitre Corner Ends ineligible.

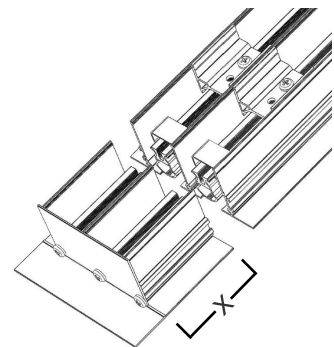
For end cap construction only. DASL can be cut to size in the field. Use a fine-tooth, high-speed, carbon blade for cutting aluminum.

A maximum of 3" can be cut from each end (X).

For adjustments of more than 2" slide the retaining clip against support.

Diffusers can be adjusted up to 6" by cutting both ends.

If end caps are included, remove before cutting and reattach once cut.



Scan for more
product
information.