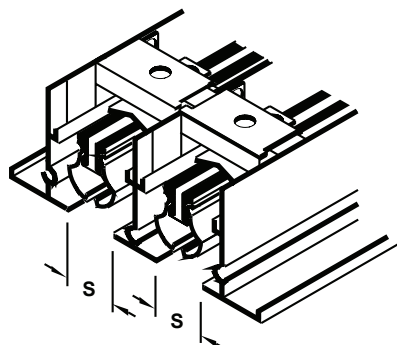


Linear Slot Ceiling Diffusers Aluminum • Modular

Models: **MML-37** • 13mm Slot • Supply
MML-38 • 19mm Slot • Supply
MML-39 • 25mm Slot • Supply
MMLR-37 • 13mm Slot • Return
MMLR-38 • 19mm Slot • Return
MMLR-39 • 25mm Slot • Return

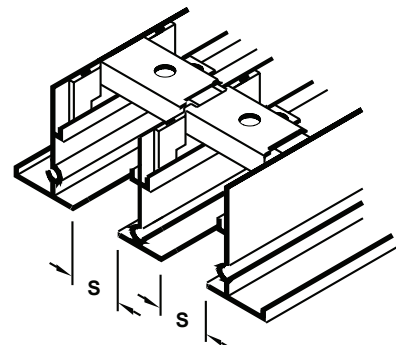
Supply

Model ☐ MML-37 S=13mm
☐ MML-38 S=19mm
☐ MML-39 S=25mm



Return

Model ☐ MMLR-37 S=13mm
☐ MMLR-38 S=19mm
☐ MMLR-39 S=25mm

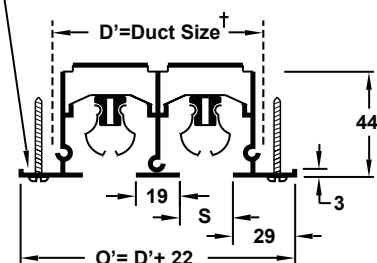


☐ Border Type 1A

With

- Flange Border
- Screw Mounting

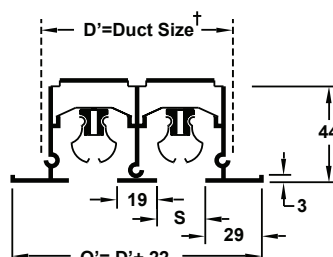
Countersunk Screw Holes
for #8 SMS (8 from Edge)



☐ Border Type 1B

With

- Flange Border
- Duct Mounting

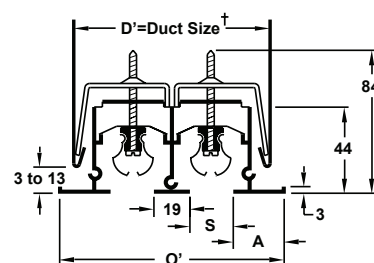


☐ Border Type 2A

☐ Border Type 2B

Both with

- Flange Border
- Concealed Mounting



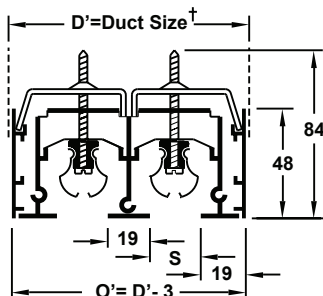
Type	A	O'
2A	29	D' + 19
2B	22	D' + 6

Frame & Border Types, Dimensions (Continued)

□ Frame & Border Type 3

With

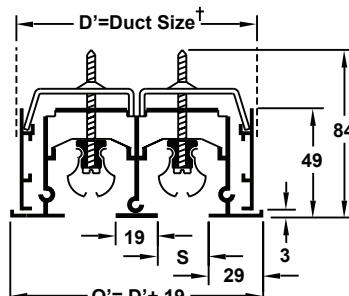
- Flush Border
- Concealed Mounting



□ Frame & Border Type 4

With

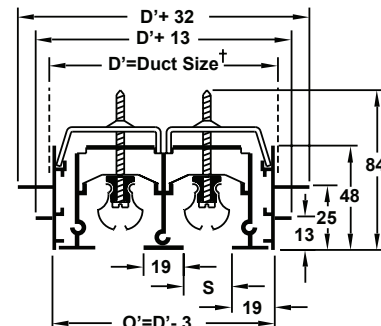
- Flange Border
- Concealed Mounting



□ Frame & Border Type 6

With

- Plaster & Tile Mounting Frame
- Flush Border
- Concealed Mounting

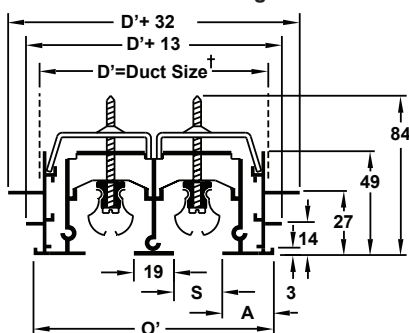


□ Frame & Border Type 7A

□ Frame & Border Type 7B

Both with

- Plaster & Tile Mounting Frame
- Flange Border
- Concealed Mounting



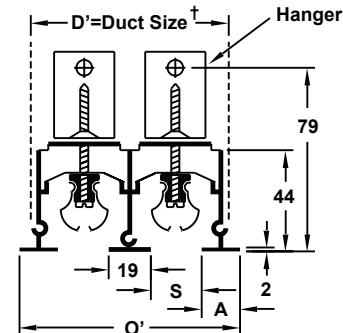
Type	A	O'
7A	29	D' + 19
7B	22	D' + 6

□ Border Type 9A

□ Border Type 9B

Both with

- Flange Border
- Ceiling Hangers

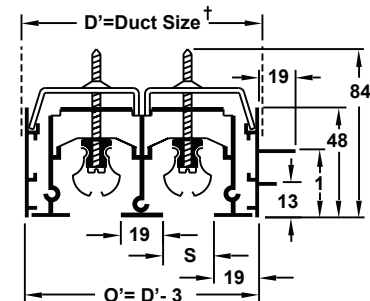


Type	A	O'
9A	19	D' + 16
9B	29	D' + 35

□ Border Type 11

With

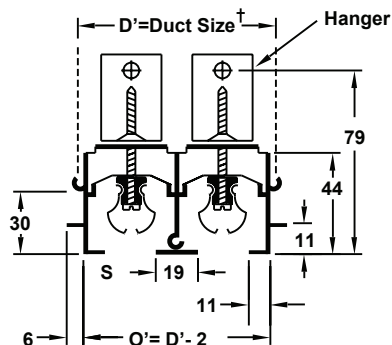
- Perimeter Plaster & Tile Mounting Frame
- Flush Border
- Concealed Mounting



□ Border Type 12

With

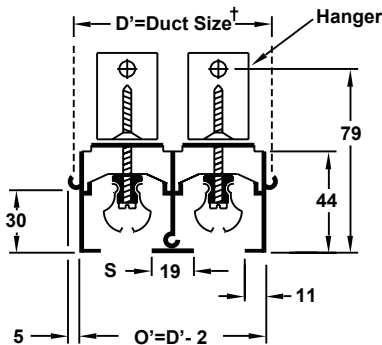
- Spline Border
- Ceiling Hangers



□ Border Type 15

With

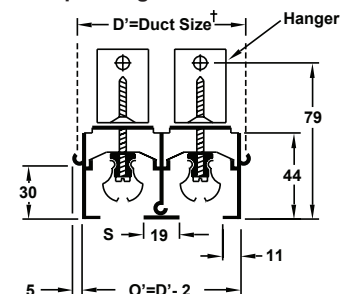
- Flush Border
- Ceiling Hangers



□ Border Type 16

With

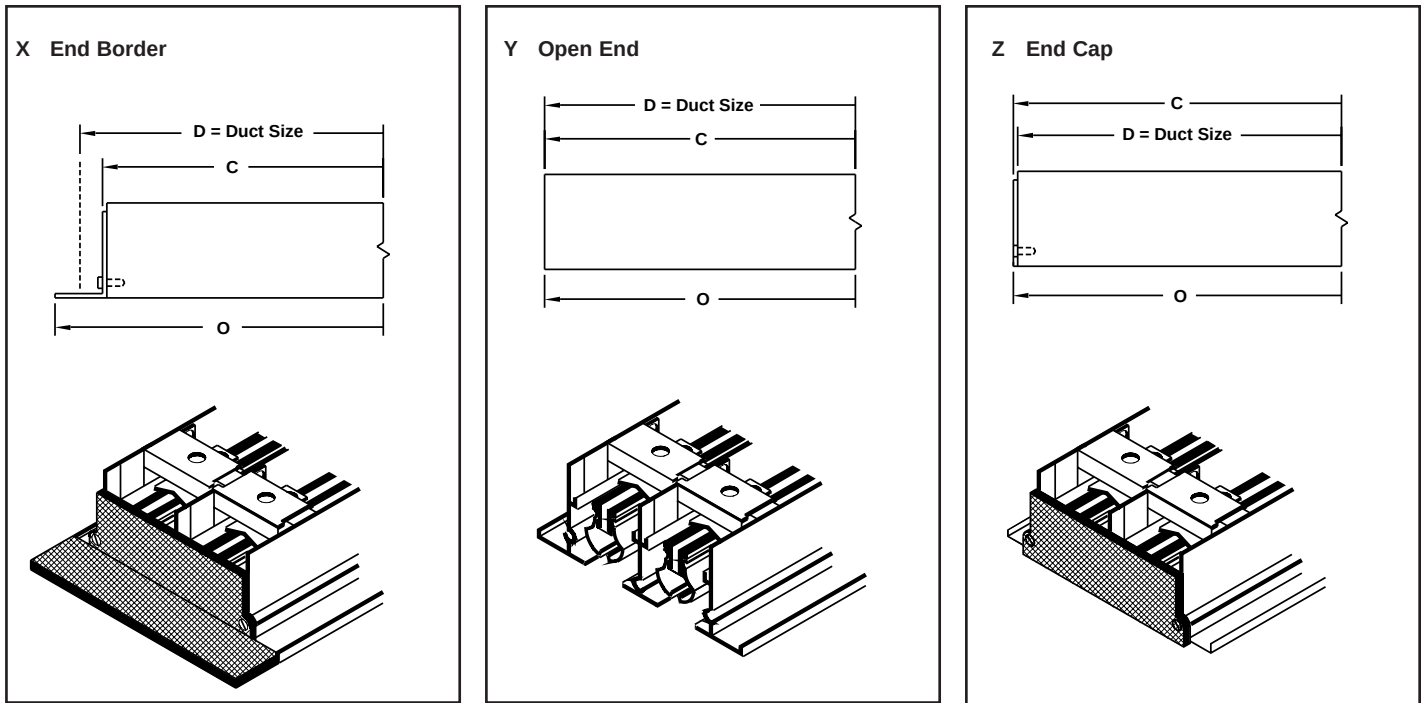
- Curved Flange Border
- Concealed Mounting
- Equalizing Grid



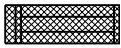
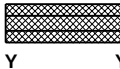
Border Type 16 standard selections:
MML-38 only

- 1 slot: duct diameters 254, 356, 457, 559, 610mm
- 2 slot: duct diameters 356, 457, 559, 610mm
- 3 slot: duct diameters 457, 559, 610, 762mm
- 4 slot: duct diameters 457, 559, 610, 762mm

End Fabrication



Overall Length for Various End Fabrications

Frame and/or Border Type												
	X-X		X-Y		X-Z		Y-Y		Y-Z		Z-Z	
	C	O	C	O	C	O	C	O	C	O	C	O
1A, 1B, 9B	D -35	D +19	D -17	D +10	D -16	D +11	D	D	D +2	D +2	D +3	D +3
2A, 4, 7A, 16	D -35	D +19	D -17	D +10	D -16	D +11	D	D	D +2	D +2	D +3	D +3
3, 6, 11	D -35	D	D -17	D	D -16	D +2	D	D	D +2	D +2	D +3	D +3
2B, 7B	D -35	D +6	D -17	D +3	D -16	D +5	D	D	D +2	D +2	D +3	D +3
9A	D -35	D	D -17	D	D -16	D +2	D	D	D +2	D +2	D +3	D +3
12, 15	D -17	D	D -8	D	D -6	D +2	D	D	D +2	D +2	D +3	D +3

Duct Dimensions D' (Width) for Various Frame & Border Types

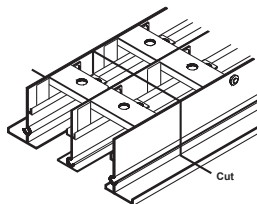
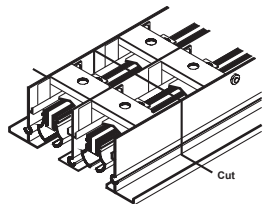
No. of Slots	Types 1A, 1B			Types 2A, 2B, 4, 7A, 16			Types 3, 6, 11			Types 9A, 9B			Types 12, 15		
	MML/MMLR 37	MML/MMLR 38	MML/MMLR 39	MML/MMLR 37	MML/MMLR 38	MML/MMLR 39	MML/MMLR 37	MML/MMLR 38	MML/MMLR 39	MML/MMLR 37	MML/MMLR 38	MML/MMLR 39	MML/MMLR 37	MML/MMLR 38	MML/MMLR 39
	S = 13	S = 19	S = 25	S = 13	S = 19	S = 25	S = 13	S = 19	S = 25	S = 13	S = 19	S = 25	S = 13	S = 19	S = 35
1	48	54	60	51	57	64	54	60	67	35	41	48	35	41	48
2	79	92	105	83	95	108	86	98	111	67	79	92	67	79	92
3	111	130	149	114	133	152	117	137	156	98	117	137	98	117	137
4	137	168	194	146	171	197	149	175	200	130	156	181	130	156	181
5	175	206	238	179	210	241	181	213	244	162	194	225	162	194	225
6	206	244	283	210	248	286	213	251	289	194	232	270	194	232	270
7	238	283	327	241	286	330	244	289	333	225	270	314	225	270	314
8	270	321	371	273	324	375	276	327	378	257	308	359	257	308	359

Submittal MD-MML 2-28-13 Accessories (Optional)

Check ☒ if provided

Optional Field Cut Diffuser (Unit includes one field spacer kit)

- | | |
|---|--|
| ☐ MMLF-37 • 13mm Slot • Supply | ☐ MMLRF-37 • 13mm Slot • Return |
| ☐ MMLF-38 • 19mm Slot • Supply | ☐ MMLRF-38 • 19mm Slot • Return |
| ☐ MMLF-39 • 25mm Slot • Supply | ☐ MMLRF-39 • 25mm Slot • Return |



Ideal when the exact length of an MML or MMLR diffuser is not known until it is being installed.

Standard factory cut diffusers can be trimmed as much as 152mm. If more than 152mm is to be removed, use the optional field cut diffuser.

The field cut MML or MMLR diffuser is 1829mm long, with the sides pre-punched to assure the proper alignment of field installed spacers. These field installed spacers provide additional rigidity during and after cutting.

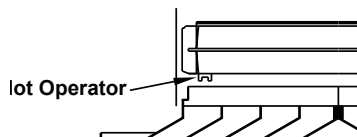
Additional spacer kits available at extra cost.

Optional Mitered Corner

- ☐ MMC-37 • 13mm Slot
☐ MMC-38 • 19mm Slot
☐ MMC-39 • 25mm Slot

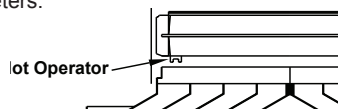
Check ☒ if provided

- ☐ 90 Degree (Minimum)
☐ Larger than 90 degree. Specify _____.



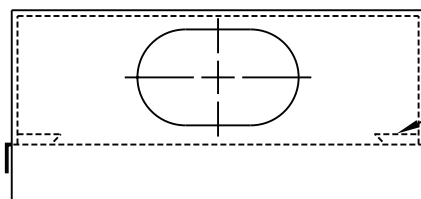
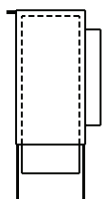
No. of Slots	1A, 1B		2A, 4 7A		2B, 7B		3, 6, 11		9A		9B		12, 15	
	O	D	O	D	O	D	O	D	O	D	O	D	O	D
1, 2	316	305	314	305	308	305	302	305	313	305	322	305	305	305
3-8	621	610	619	610	613	610	606	610	618	610	627	610	610	610

All dimensions are in millimeters.



Optional Plenum

- | | |
|---|--|
| ☐ MMP-37 • 13mm Slot • Uninsulated | ☐ MMPI-37 • 13mm Slot • Insulated |
| ☐ MMP-38 • 19mm Slot • Uninsulated | ☐ MMPI-38 • 19mm Slot • Insulated |
| ☐ MMP-39 • 25mm Slot • Uninsulated | ☐ MMPI-39 • 25mm Slot • Insulated |



Optional MP-SP Design

Note:

• MMP and MMPI are available for all frames and border types.

• Standard nominal lengths are 610, 914, 1219 and 1524mm.

• Request Submittal MD-MMP for details.

• Option MMP-MSP available with maximum spread pattern.

Optional Blank-Offs

- ☐ MBLKS • Cold Rolled Steel • Fits over Neck ☐ MBLKV • Vinyl • Fits in Slot

Standard Finish: #26 White border • Black pattern controllers.

General Description

• Standard lengths of diffuser sections are 305mm, 610mm, 914mm, 1219mm, 1524mm and 1829mm.

• Lengths greater than 1829mm are furnished in multiple sections, the number and size determined by the factory.

• Pattern controllers change direction and volume of air flow. Maximum length is 914mm. Pattern controllers are furnished in multiple sections for diffuser longer than 914mm.

• Mounting frames are cut to length and assembled in the field.

• Material is extruded aluminum with steel pattern controllers.



Note: This submittal is meant to demonstrate general dimensions of this product. The drawing on this submittal are not meant to detail every aspect of the product with exactness. Drawings are not to scale. TITUS reserves the right to make changes without written notice.

605 Shiloh Road • Plano, Texas 75074 • 972-212-4800

MD-1.0-S