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Date: 07/14/2026
Return Request: 08/11/2026
Project: Highlands Building at Pinnacle Hills
Supplier: Comfort Systems USA
Manufacturer: Various
Submittal: Grilles Registers Diffusers
Submittal Number: 23 37 00-01
Drawing # and Installation: Mechanical

ARCHITECT

Crafton Tull
Fayetteville, Ar

ENGINEER

IMEG

GENERAL CONTRACTOR

Clark Contractors
Rogers, Ar

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
116 Commercial Ave.
Lowell, AR 72745
(479) 770.8992

NOTES:

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CSUSA PROJECT NO.
26-5034

jzuber@comfortar.com

Submittal

JOB NAME	Highlands Building at Pinnacle Hills Rogers
JOB NUMBER	26ADCA0017-1
PRODUCT	Grilles, Registers, & Diffusers
MANUFACTURER	Titus HVAC
LOCATION	Rogers, AR
DATE	June 25, 2026
SPECIFICATION	23 37 00
LEAD TIME	6 Weeks
ENGINEER	IMEG
CONTRACTOR	Knight & Wilson
SUBMITTED BY	Chris Atwood

Schedule



Date/Time: 06/27/2026 16:49:48
Job: Highlands Building at Pinnacle Hills
Project:
Customer:
Sales Person:

Current Version: 2014.0.605
 Modified Version: 2014.0.605

Model	Quantity	Tag	DIM 1	DIM 2	Module	Border	Finish	Pattern	Damper	Accessory 1	Accessory 2	Accessory 3	Comments
TDCA	55	CD-1	6" DIAMETER	18X18 SQUARE NECK SIZE	24X24	3 - LAY-IN	26 - WHITE	A4 4-WAY SQUARE	0 - NONE	NONE	NONE	NONE	
TDCA	115	CD-2	8" DIAMETER	18X18 SQUARE NECK SIZE	24X24	3 - LAY-IN	26 - WHITE	A4 4-WAY SQUARE	0 - NONE	NONE	NONE	NONE	
TDCA	107	CD-3	10" DIAMETER	18X18 SQUARE NECK SIZE	24X24	3 - LAY-IN	26 - WHITE	A4 4-WAY SQUARE	0 - NONE	NONE	NONE	NONE	
TDCA	28	CD-4	12" DIAMETER	18X18 SQUARE NECK SIZE	24X24	3 - LAY-IN	26 - WHITE	A4 4-WAY SQUARE	0 - NONE	NONE	NONE	NONE	
TDCA	10	CD-5	14" DIAMETER	18X18 SQUARE NECK SIZE	24X24	3 - LAY-IN	26 - WHITE	A4 4-WAY SQUARE	0 - NONE	NONE	NONE	NONE	
TDCA	4	CD-6	6" DIAMETER	6X6 SQUARE NECK SIZE	12X12	3 - LAY-IN	26 - WHITE	A4 4-WAY SQUARE	0 - NONE	NONE	NONE	NONE	

Model	Quantity	Tag	Width	Height	Module	Border	Fastening	Finish	Damper	Accessory - 1	Accessory - 2	Accessory - 3	Comments
50F	72	EG-1	22	22	24X24	3 - LAY-IN	N - NO SCREW HOLES	26 - WHITE	0 - NONE		NONE	NONE	

Job Name: Highlands Building at Pinnacle Hills

50F	2	EG-2	46	22	48X24	3 - LAY-IN	N - NO SCREW HOLES	26 - WHITE	0 - NONE		NONE	NONE
50F	4	EG-3	10	10	12X12	3 - LAY-IN	N - NO SCREW HOLES	26 - WHITE	0 - NONE		NONE	NONE
50F	136	RG-1	22	22	24X24	3 - LAY-IN	N - NO SCREW HOLES	26 - WHITE	0 - NONE		NONE	NONE
50F	14	RG-2	46	22	48X24	3 - LAY-IN	N - NO SCREW HOLES	26 - WHITE	0 - NONE		NONE	NONE

Model	Quantity	Tag	Width	Height	Module	Border	Fastening	Finish	Damper	Accessory - 1	Accessory - 2	Accessory - 3	Comments
8F	2	EG-10	22	10	NONE	1 - SURFACE MOUNT	A - SCREW HOLES	26 - WHITE	0 - NONE	NONE	NONE	NONE	

Model	Quantity	Tag	Width	Height	Module	Border	Fastening	Finish	Damper	Accessory - 1	Accessory - 2	Accessory - 3	Comments
300FL	6	SG-1	12	8	NONE	1 - SURFACE MOUNT	A - SCREW HOLES	26 - WHITE	AG-15 - STEEL OBD	NONE	NONE	NONE	

Model	Quantity	Tag	Width	Height	Module	Border	Fastening	Finish	Damper	Accessory - 1	Accessory - 2	Accessory - 3	Comments
350FL	2	SRG-1	22	10	NONE	1 - SURFACE MOUNT	A - SCREW HOLES	26 - WHITE	0 - NONE	NONE	NONE	NONE	

Model	Quantity	Tag	Length	Slots/Width	End Border/Module Width/Angle	Border	Finish	Fastening/Throw	Damper/Miter Type	Accessory 1	Accessory 2	Accessory 3	Comments
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Job Name: Highlands Building at Pinnacle Hills

ML-39	44	LD-1 LAY-IN	71	2 SLOTS	XX - TWO END BORDERS	1B - DUCT MOUNT	26 - WHITE			NONE	NONE	NONE
ML-39	3	LD-1 WOOD	72	2 SLOTS	XX - TWO END BORDERS	1B - DUCT MOUNT	26 - WHITE			NONE	NONE	NONE
ML-39	24	LD-1 GYP	72	2 SLOTS	XX - TWO END BORDERS	2A - CONCEALED MOUNT	26 - WHITE			NONE	NONE	NONE
ML-39	7	LD-2 LAY-IN	71	5 SLOTS	XX - TWO END BORDERS	1B - DUCT MOUNT	26 - WHITE			NONE	NONE	NONE
ML-39	1	LD-2 WOOD	72	5 SLOTS	XX - TWO END BORDERS	1B - DUCT MOUNT	26 - WHITE			NONE	NONE	NONE
ML-39	11	LD-2 GYP	72	5 SLOTS	XX - TWO END BORDERS	2A - CONCEALED MOUNT	26 - WHITE			NONE	NONE	NONE

Model	Quantity	Tag	Length	Slots	Width/Throw	Plenum Inlet	Module	Border	Finish	Damper	Accessory 1 / Configuration	Accessory 2	Accessory 3	Comments
MPI-39	44	LD-1 PLEN LAYIN	72 INCHES	2LP - 2 SLOT LOW PROFILE		10 INCH		1B - DUCT MOUNT		0 - NONE	XX - TWO END BORDERS	STRAIGHT		
MPI-39	3	LD-1 PLEN WOOD	72 INCHES	2LP - 2 SLOT LOW PROFILE		10 INCH		1B - DUCT MOUNT		0 - NONE	XX - TWO END BORDERS	STRAIGHT		

Job Name: Highlands Building at Pinnacle Hills

MPI-39	24	LD-1 PLEN GYP	72 INCHES	2LP - 2 SLOT LOW PROFILE		10 INCH		2B - CONCEALED MOUNT		0 - NONE	XX - TWO END BORDERS	STRAIGHT	
MPI-39	7	LD-1 PLEN LAYIN	72 INCHES	5HP - 5- SLOT HI PROFILE		12 INCH		1B - DUCT MOUNT		0 - NONE	XX - TWO END BORDERS	STRAIGHT	
MPI-39	1	LD-1 PLEN WOOD	72 INCHES	5HP - 5- SLOT HI PROFILE		12 INCH		1B - DUCT MOUNT		0 - NONE	XX - TWO END BORDERS	STRAIGHT	
MPI-39	11	LD-1 PLEN GYP	72 INCHES	5HP - 5- SLOT HI PROFILE		12 INCH		2B - CONCEALED MOUNT		0 - NONE	XX - TWO END BORDERS	STRAIGHT	

Model	Quantity	Tag	Width	Height	Module	Border	Fastening	Finish	Damper	Accessory - 1	Accessory - 2	Accessory - 3	Comments
TRM	8	TRM 12X12			12X12			26 - WHITE					
TRM	116	TRM 24X24			24X24			26 - WHITE					
TRM	2	TRM 48X24			48X24			26 - WHITE					

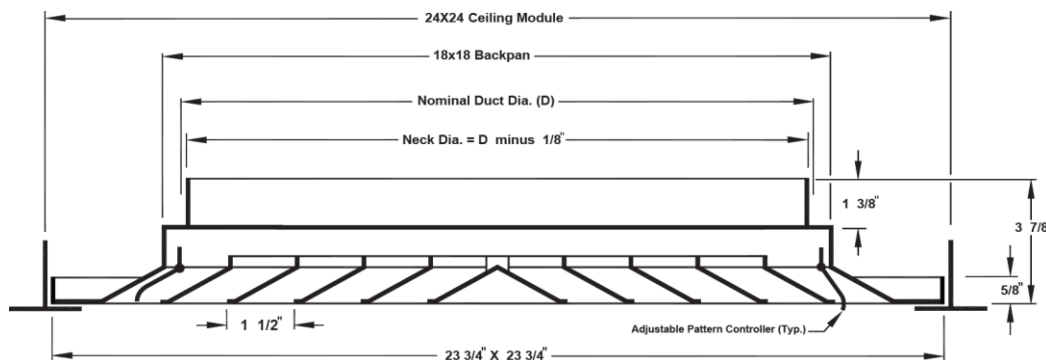
TDCA

Square and Rectangular Louvered Face Diffuser
 High Capacity and adjustable direction of Long Throw, Steel Construction

Main Product

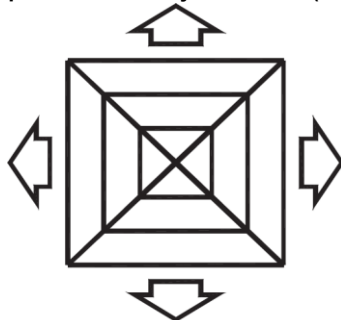
TDCA-1

TDCA



Nominal Duct Neck Size (D)	Neck Size
6" Dia.	5 7/8" Dia.
8" Dia.	7 7/8" Dia.
10" Dia.	9 7/8" Dia.
12" Dia.	11 7/8" Dia.
14" Dia.	13 7/8" Dia.

Diffuser is square with a 4-way Air Pattern (A4)



General Description

TDCA-1

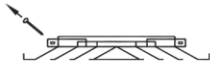
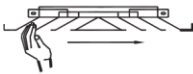
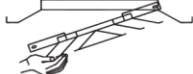
- TITUS® Model TDCA is a high capacity ceiling diffuser.
- Movable vanes, accessible from the face, adjust the discharge pattern from horizontal to vertical.
- In the horizontal setting, the Model TDCA maintains an unbroken horizontal flow pattern from maximum cfm down to minimum, making it an excellent choice for variable air volume applications.
- Core is removable from the face of the diffuser.
- Model TDCA is extremely flexible, with cores available for 1, 2, 3 or 4-way horizontal flow, in addition to the adjustable vanes.
- Material is heavy gauge steel.

Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation CD-1 THRU 6



Date 06/27/2026
Office Powers of Arkansas
Preparer chris.atwood@powers-hvac.com
Version 2014.0.605

Option Schedule					TDCA-1
ID	Quantity	Tag	DIM 1 NECK SIZE	DIM 2 NECK SIZE	
1	55	CD-1	6" DIAMETER	18X18 SQUARE NECK SIZE	
2	115	CD-2	8" DIAMETER	18X18 SQUARE NECK SIZE	
3	107	CD-3	10" DIAMETER	18X18 SQUARE NECK SIZE	
4	28	CD-4	12" DIAMETER	18X18 SQUARE NECK SIZE	
5	10	CD-5	14" DIAMETER	18X18 SQUARE NECK SIZE	
MODULE SIZE 24X24 BORDER 3 - LAY-IN FINISH 26 - WHITE PATTERN A4 4-WAY SQUARE					DAMPER MODEL 0 - NONE ACCESSORY 1 NONE ACCESSORY 2 NONE ACCESSORY 3 NONE

Accessories	TDCA-1
Removing Center Core  1. Remove shipping clips.  2. Push core sideways against spring.  3. Hold core securely and allow to drop down.	

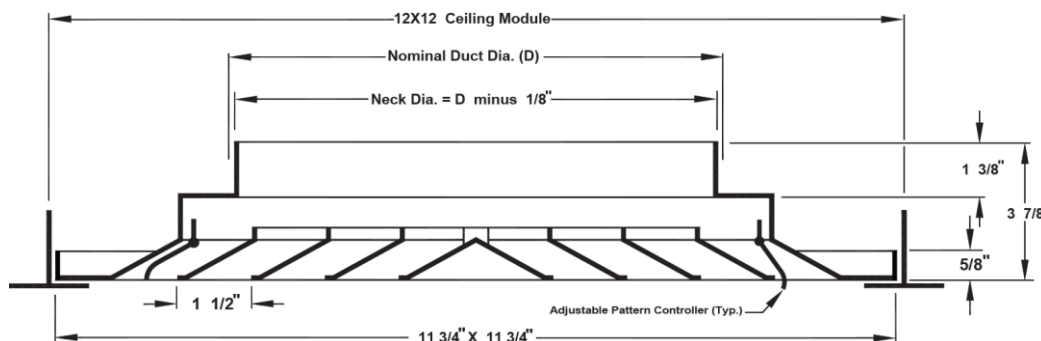
TDCA

Square and Rectangular Louvered Face Diffuser
 High Capacity and adjustable direction of Long Throw, Steel Construction

Main Product

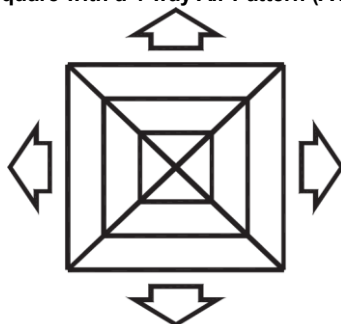
TDCA-1 (2)

TDCA



Nominal Duct Size	Square Adapter (A)
6" DIAMETER	6" x 6"

Diffuser is square with a 4-way Air Pattern (A4)



General Description

TDCA-1 (2)

- TITUS® Model TDCA is a high capacity ceiling diffuser.
- Movable vanes, accessible from the face, adjust the discharge pattern from horizontal to vertical.
- In the horizontal setting, the Model TDCA maintains an unbroken horizontal flow pattern from maximum cfm down to minimum, making it an excellent choice for variable air volume applications.
- Core is removable from the face of the diffuser.
- Model TDCA is extremely flexible, with cores available for 1, 2, 3 or 4-way horizontal flow, in addition to the adjustable vanes.
- Material is heavy gauge steel.

Option Schedule

TDCA-1 (2)

ID	Quantity	Tag	DIM 1 NECK SIZE	DIM 2 NECK SIZE
6	4	CD-6	6" DIAMETER	6X6 SQUARE NECK SIZE

Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation CD-1 THRU 6



Date 06/27/2026
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Option Schedule (continued)

TDCA-1 (2)

MODULE SIZE 12X12

BORDER 3 - LAY-IN

FINISH 26 - WHITE

PATTERN A4 4-WAY SQUARE

DAMPER MODEL 0 - NONE

ACCESSORY 1 NONE

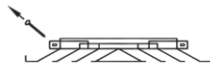
ACCESSORY 2 NONE

ACCESSORY 3 NONE

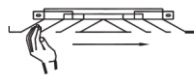
Accessories

TDCA-1 (2)

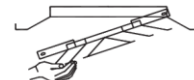
Removing Center Core



1. Remove shipping clips.



2. Push core sideways
against spring.



3. Hold core securely and
allow to drop down.

Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation EG-1.2.3



Date 06/27/2026
Office Powers of Arkansas
Preparer chris.atwood@powers-hvac.com
Version 2014.0.605

50F

Eggcrate return, aluminum border and aluminum grid.

Main Product	50F-1	
50F		
24x24 Module Lay-In mount with 1/2 x 1/2 x 1/2 Aluminum Grid		
Duct Width	Duct Height	Module OA Size
22	22	23 3/4" x 23 3/4"

General Description	50F-1
• Insect and debris screens are not available when damper are fitted. • #8 x 1 1/4" lg. Phillips flat head sheet metal screws painted white. • All dimensions are $\pm 1/16"$ • Material: Aluminum	

Option Schedule					50F-1				
ID	Quantity	Tag	WIDTH IN INCHES	HEIGHT IN INCHES					
1	72	EG-1	22	22					
						MODULE SIZE 24X24		DAMPER MODEL 0 - NONE	
						BORDER 3 - LAY-IN		EGGCRATE CORE CORE A (BORDER 1 OR 3)	
						FINISH 26 - WHITE		ACCESSORY 2 NONE	
						FASTENING N - NO SCREW HOLES		ACCESSORY 3 NONE	

Accessories	50F-1
24x24 Module Lay-In mount with 1/2 x 1/2 x 1/2 Aluminum Grid	

Project Highlands Building at Pinna
 Architect
 Engineer
 Contractor
 Designation EG-1.2.3



Date 06/27/2026
 Office Powers of Arkansas
 Preparer chris.atwood@powers-hvac.com
 Version 2014.0.605

50F

Eggcrate return, aluminum border and aluminum grid.

Main Product

50F-1 (2)

50F

48x24 Module Lay-In mount with 1/2 x 1/2 x 1/2 Aluminum Grid

Duct Width	Duct Height	Module OA Size
46	22	47 3/4" x 23 3/4"

General Description	50F-1 (2)
- Insect and debris screens are not available when damper are fitted. #8 x 1 1/4" lg. Phillips flat head sheet metal screws painted white. - All dimensions are $\pm 1/16"$ - Material: Aluminum	

Option Schedule					50F-1 (2)
ID	Quantity	Tag	WIDTH IN INCHES	HEIGHT IN INCHES	
2	2	EG-2	46	22	
MODULE SIZE 48X24			DAMPER MODEL 0 - NONE		
BORDER 3 - LAY-IN			EGGCRATE CORE CORE A (BORDER 1 OR 3)		
FINISH 26 - WHITE			ACCESSORY 2 NONE		
FASTENING N - NO SCREW HOLES			ACCESSORY 3 NONE		

Project Highlands Building at Pinna
 Architect
 Engineer
 Contractor
 Designation EG-1.2.3



Date 06/27/2026
 Office Powers of Arkansas
 Preparer chris.atwood@powers-hvac.com
 Version 2014.0.605

50F

Eggcrate return, aluminum border and aluminum grid.

Main Product	50F-1 (3)	
50F		
12x12 Module Lay-In mount with 1/2 x 1/2 x 1/2 Aluminum Grid		
Duct Width	Duct Height	Module OA Size
10	10	11 3/4" X 11 3/4"

General Description	50F-1 (3)
- Insect and debris screens are not available when damper are fitted. #8 x 1 1/4" lg. Phillips flat head sheet metal screws painted white. - All dimensions are $\pm 1/16"$ - Material: Aluminum	

Option Schedule					50F-1 (3)
ID	Quantity	Tag	WIDTH IN INCHES	HEIGHT IN INCHES	
3	4	EG-3	10	10	
MODULE SIZE 12X12 BORDER 3 - LAY-IN FINISH 26 - WHITE FASTENING N - NO SCREW HOLES DAMPER MODEL 0 - NONE EGGCRATE CORE CORE A (BORDER 1 OR 3) ACCESSORY 2 NONE ACCESSORY 3 NONE					

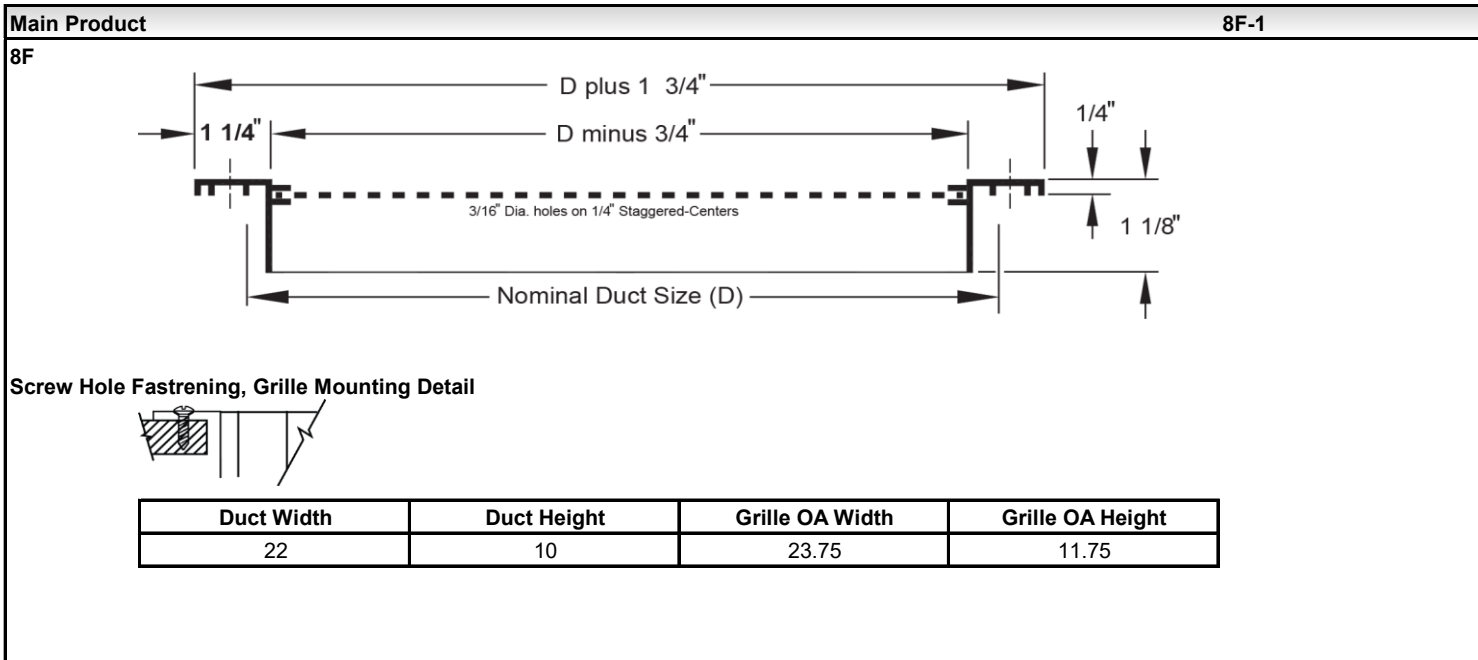
Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation EG-10



Date 06/27/2026
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Preparer chris.atwood@powers-hvac.com
Version 2014.0.605

8F

Perforated Return-Grille, Aluminum Frame and Screen



General Description	8F-1
Models 8F provides a smooth, perforated face that fits flush with the ceiling to blend with the room decor. • 3/16" staggered holes on 1/4" centers. • 51% free area. • Optional opposed blade damper has screwdriver adjustment accessible through face of grille. • Material: Aluminum border and perforated face.	

Option Schedule					8F-1
ID	Quantity	Tag	WIDTH IN INCHES	HEIGHT IN INCHES	
1	2	EG-10	22	10	
MODULE SIZE NONE BORDER 1 - SURFACE MOUNT FINISH 26 - WHITE FASTENING A - SCREW HOLES DAMPER MODEL 0 - NONE ACCESSORY 1 NONE ACCESSORY 2 NONE ACCESSORY 3 NONE					

Project Highlands Building at Pinna
 Architect
 Engineer
 Contractor
 Designation RG-1, RG-2



Date 06/27/2026
 Office Powers of Arkansas
 Preparer chris.atwood@powers-hvac.com
 Version 2014.0.605

50F

Eggcrate return, aluminum border and aluminum grid.

Main Product	50F-2	
50F		
The diagram illustrates the dimensions of a 50F eggcrate return unit. It shows a rectangular unit with a grid of modules. Key dimensions are labeled: 'Module Size minus 1/4"' for the length of a single module, 'D minus 3/4"' for the length of the duct opening, and 'Nominal Duct Size (D)' for the total length of the unit. On the right side, vertical dimensions are shown: '3/16"' for the top flange thickness, '1' for the main body height, and '1 1/4"' for the total height including the bottom flange.		
24x24 Module Lay-In mount with 1/2 x 1/2 x 1/2 Aluminum Grid		
Duct Width	Duct Height	Module OA Size
22	22	23 3/4" x 23 3/4"

General Description	50F-2
- Insect and debris screens are not available when damper are fitted. #8 x 1 1/4" lg. Phillips flat head sheet metal screws painted white. - All dimensions are $\pm 1/16"$ - Material: Aluminum	

Option Schedule					50F-2
ID		Quantity	Tag	WIDTH IN INCHES	HEIGHT IN INCHES
9		136	RG-1	22	22
MODULE SIZE 24X24 BORDER 3 - LAY-IN FINISH 26 - WHITE FASTENING N - NO SCREW HOLES DAMPER MODEL 0 - NONE EGGCRATE CORE CORE A (BORDER 1 OR 3) ACCESSORY 2 NONE ACCESSORY 3 NONE					

Accessories	50F-2
24x24 Module Lay-In mount with 1/2 x 1/2 x 1/2 Aluminum Grid	

Project Highlands Building at Pinna
 Architect
 Engineer
 Contractor
 Designation RG-1, RG-2



Date 06/27/2026
 Office Powers of Arkansas
 Preparer chris.atwood@powers-hvac.com
 Version 2014.0.605

50F

Eggcrate return, aluminum border and aluminum grid.

Main Product

50F-2 (2)

50F

48x24 Module Lay-In mount with 1/2 x 1/2 x 1/2 Aluminum Grid

Duct Width	Duct Height	Module OA Size
46	22	47 3/4" x 23 3/4"

General Description	50F-2 (2)
- Insect and debris screens are not available when damper are fitted. #8 x 1 1/4" lg. Phillips flat head sheet metal screws painted white. - All dimensions are $\pm 1/16"$ - Material: Aluminum	

Option Schedule					50F-2 (2)
ID	Quantity	Tag	WIDTH IN INCHES	HEIGHT IN INCHES	
16	14	RG-2	46	22	
MODULE SIZE 48X24 BORDER 3 - LAY-IN FINISH 26 - WHITE FASTENING N - NO SCREW HOLES DAMPER MODEL 0 - NONE EGGCRATE CORE CORE A (BORDER 1 OR 3) ACCESSORY 2 NONE ACCESSORY 3 NONE					

Project Highlands Building at Pinna
 Architect
 Engineer
 Contractor
 Designation SG-1



Date 06/27/2026
 Office Powers of Arkansas
 Preparer chris.atwood@powers-hvac.com
 Version 2014.0.605

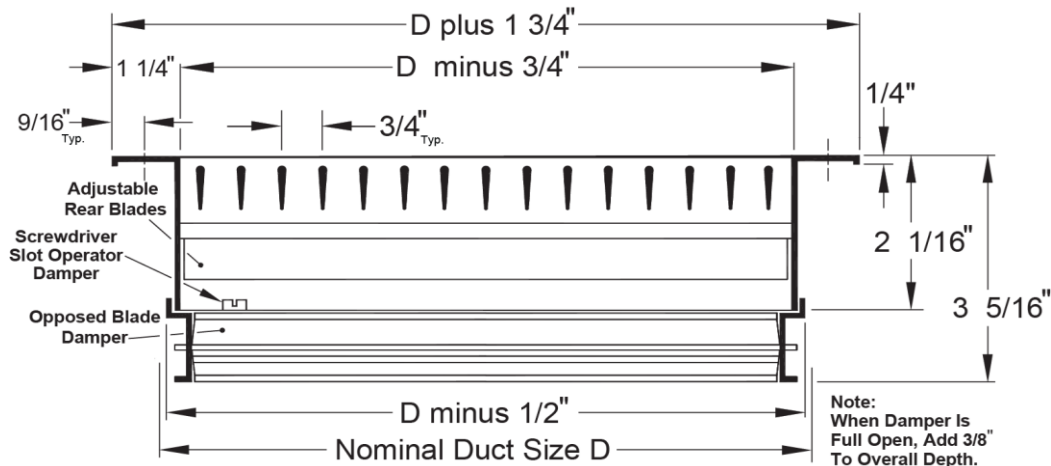
300FL

Double Deflection Supply Grille, $\frac{3}{4}$ " Spacing, front blades parallel to long dimension, Aluminum.

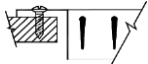
Main Product

300FL-1

300FL



Screw Hole Fastening, Grille Mounting Detail



Duct Width	Duct Height	Grille OA Width	Grille OA Height
12	8	13.75	9.75

General Description

300FL-1

- Front louvers are horizontal to width.
- Front and rear louvers are individually adjustable.
- Screw hole fastening includes #8 x $1 \frac{1}{4}"$ lg. Phillip's flat head sheet metal screws painted color of grille.
- Sizes larger than 48" x 48" are shipped in multiple sections with joining strips for field assembly.
- Odd and fractional sizes are available at additional cost.
- Optional opposed blade damper has screwdriver adjustment accessible through face of register.
- Insect and debris screens are not available when dampers are fitted.
- All dimensions are $\pm \frac{1}{16}"$
- Material: Aluminum

Option Schedule

300FL-1

ID	Quantity	Tag	WIDTH IN INCHES	HEIGHT IN INCHES
1	6	SG-1	12	8

Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation SG-1



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Office Powers of Arkansas
Preparer chris.atwood@powers-hvac.com
Version 2014.0.605

Option Schedule (continued)

300FL-1

MODULE SIZE NONE

BORDER 1 - SURFACE MOUNT

FINISH 26 - WHITE

FASTENING A - SCREW HOLES

DAMPER MODEL AG-15 - STEEL OBD

ACCESSORY 1 NONE

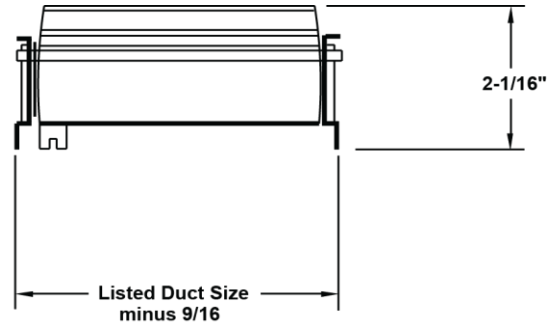
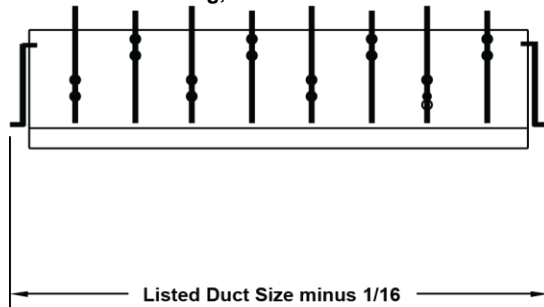
ACCESSORY 2 NONE

ACCESSORY 3 NONE

Accessories

300FL-1

Damper: AG-15 common drawing, see above for material and finish



Project Highlands Building at Pinna
 Architect
 Engineer
 Contractor
 Designation SRG1



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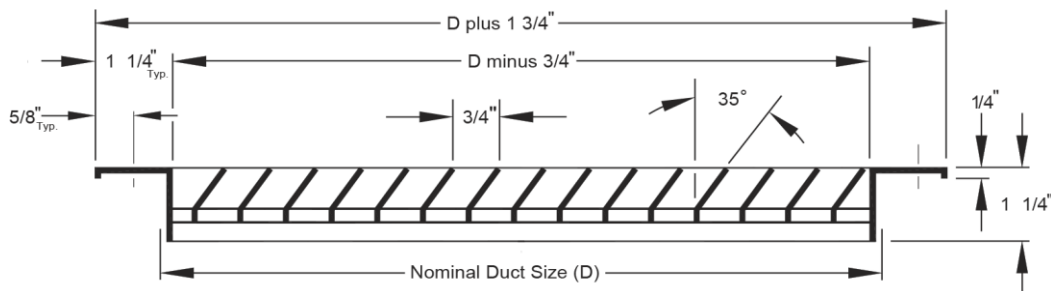
350FL

Louvered Return Grille, 35° Deflection, 3/4" Spaced Blades, Blades parallel to Duct Width, Aluminum.

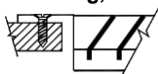
Main Product

350FL-1

350FL



Screw Hole Fastening, Grille Mounting Detail



Duct Width	Duct Height	Grille OA Width	Grille OA Height
22	10	23.75	11.75

General Description

350FL-1

- Louvers are horizontal to width with 3/4" spacing at a 35 degree deflection
- Optional opposed blade damper has screwdriver adjustment accessible through face of register.
- Odd and fractional sizes are available at additional cost.
- Sizes larger than 48" x 48" are shipped in multiple sections with joining strips for field assembly.
- Screw hole fastening includes #8 x 1 1/4" lg. Phillip's flat head sheet metal screws painted color of grille.
- Wall or duct opening should be duct size $\pm 1/8"$.
- All dimensions are $\pm 1/16"$
- Material: Aluminum

Option Schedule

350FL-1

ID	Quantity	Tag	WIDTH IN INCHES	HEIGHT IN INCHES
1	2	SRG-1	22	10

MODULE SIZE NONE

BORDER 1 - SURFACE MOUNT

FINISH 26 - WHITE

FASTENING A - SCREW HOLES

DAMPER MODEL 0 - NONE

ACCESSORY 1 NONE

ACCESSORY 2 NONE

ACCESSORY 3 NONE

Project Highlands Building at Pinna
 Architect
 Engineer
 Contractor
 Designation LD-1



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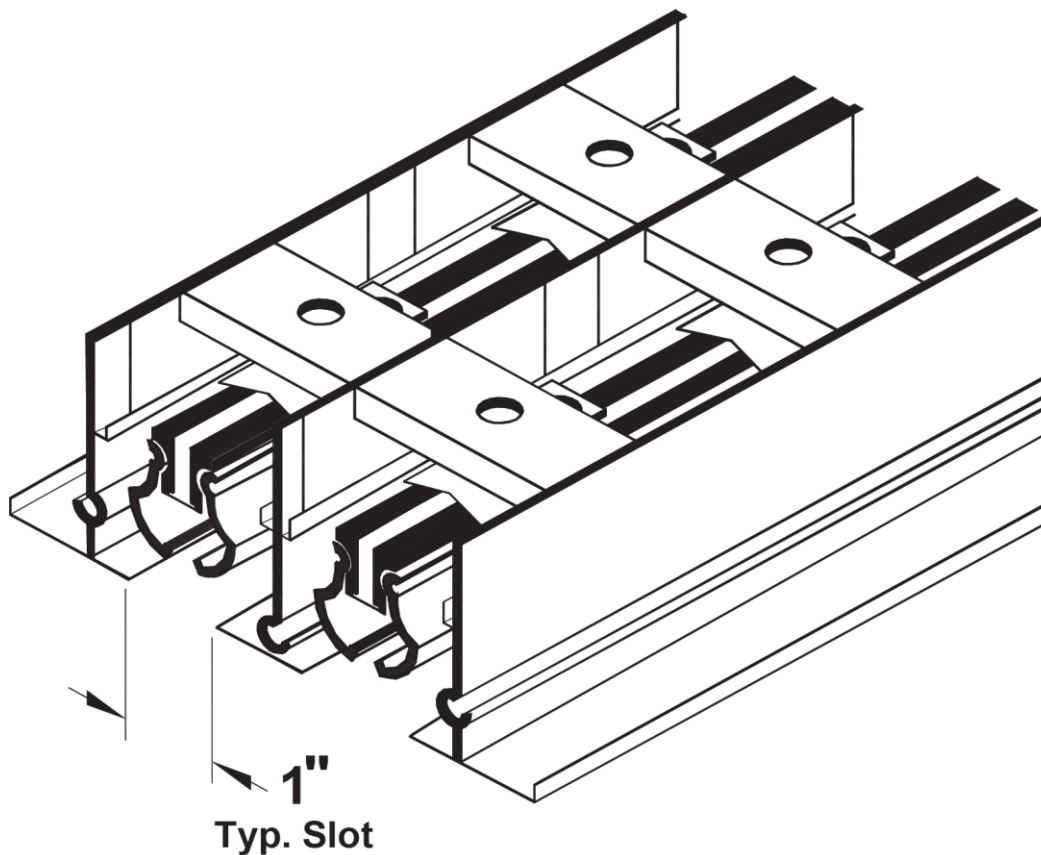
ML-39

ModuLinear supply diffuser with a 1" slot, Aluminum.

Main Product

ML39-1

ML-39



Duct Length	Cutout Width (D')	Neck Length (C)	OA Width (O')	OA Length (O)
71	4 1/8"	69.625	5"	71.75
72	4 1/8"	70.625	5"	72.75

Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation LD-1

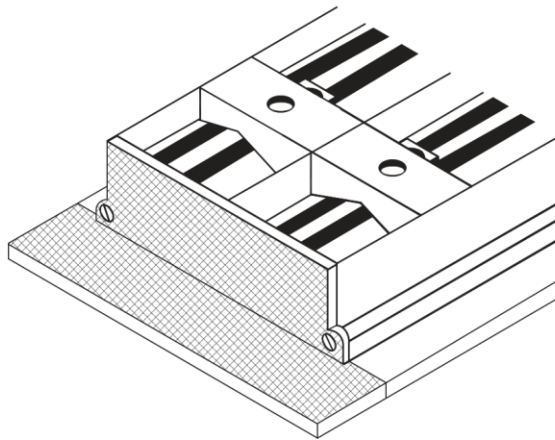
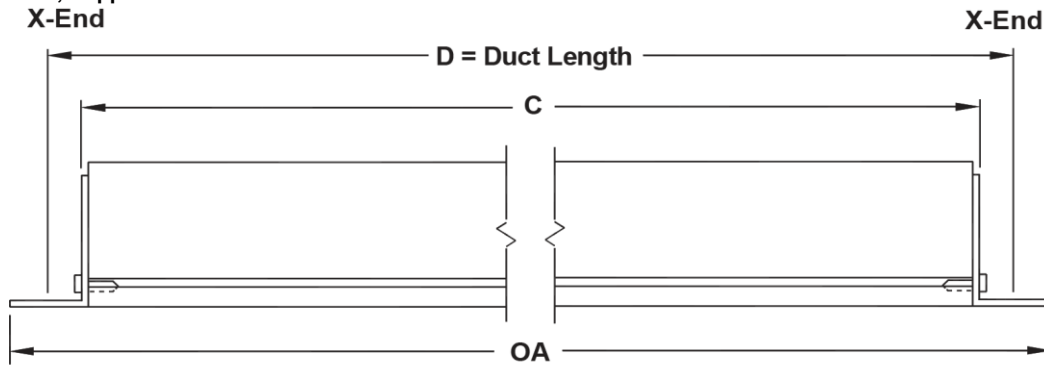


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Main Product (continued)

ML39-1

XX - End Borders, Supplied
X-End



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 Engineer
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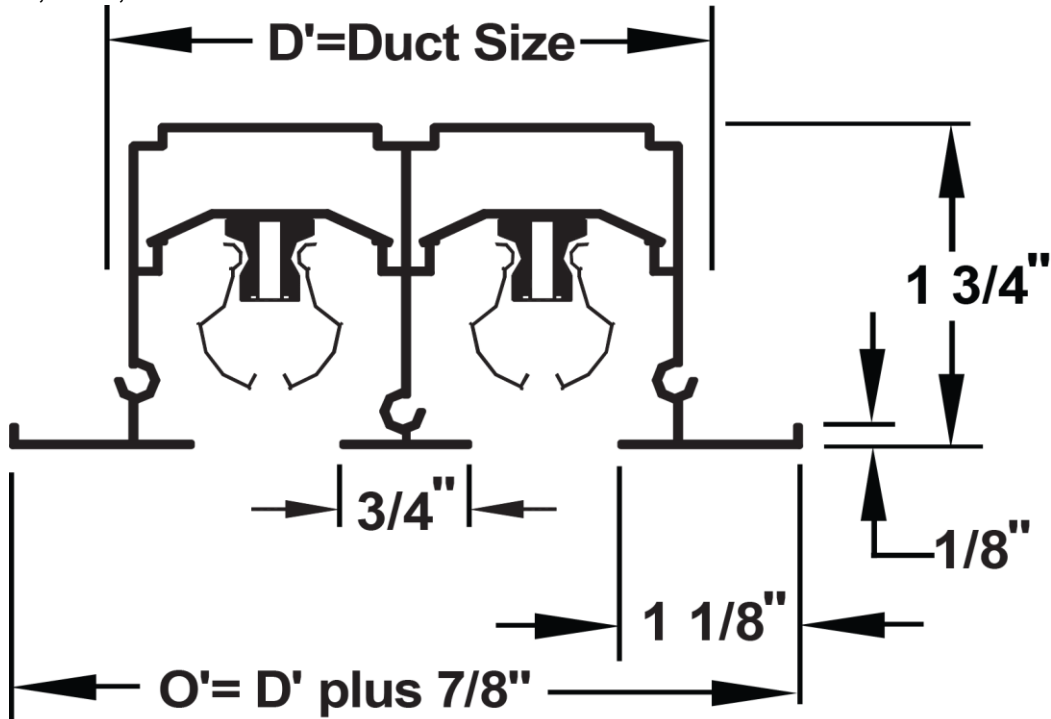


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Main Product (continued)

ML39-1

Border Type 1B, 2 slots, ML



General Description

ML39-1

- Standard Finish: • #26 White border, Black pattern controllers.
- Standard lengths of diffuser sections are 12", 24", 36", 48", 60" and 72".
 - Lengths greater than 72" 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 36". • Pattern controllers are furnished in multiple sections for diffuser longer than 36".
 - Mounting frames are cut to length and assembled in the field.
 - Material is extruded aluminum with steel pattern controllers.

Option Schedule

ML39-1

ID	Quantity	Tag	LINEAR LENGTH INCHES
1	44	LD-1 LAY-IN	71
2	3	LD-1 WOOD	72

NO OF SLOTS 2 SLOTS
 END BORDER XX - TWO END BORDERS
 ML FRAME & BORDER 1B - DUCT MOUNT
 FINISH 26 - WHITE

ACCESSORY 1 NONE
 ACCESSORY 2 NONE
 ACCESSORY 3 NONE

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Engineer
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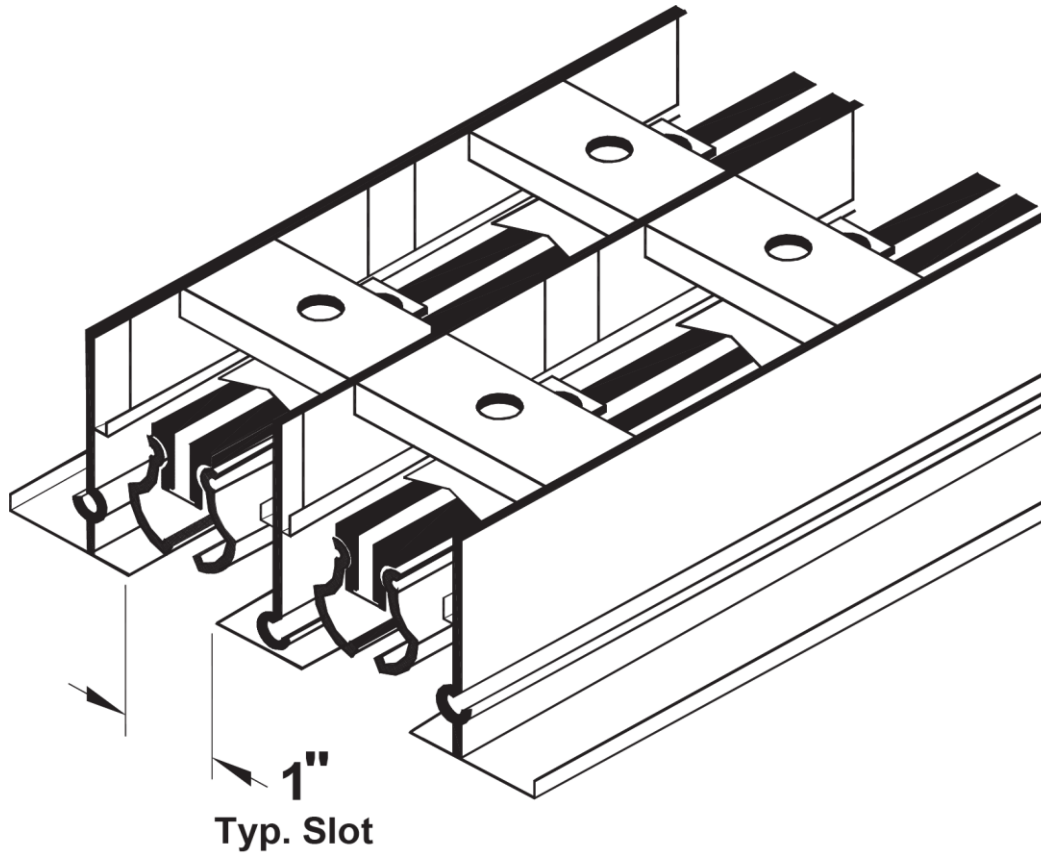
ML-39

ModuLinear supply diffuser with a 1" slot, Aluminum.

Main Product

ML39-1 (2)

ML-39

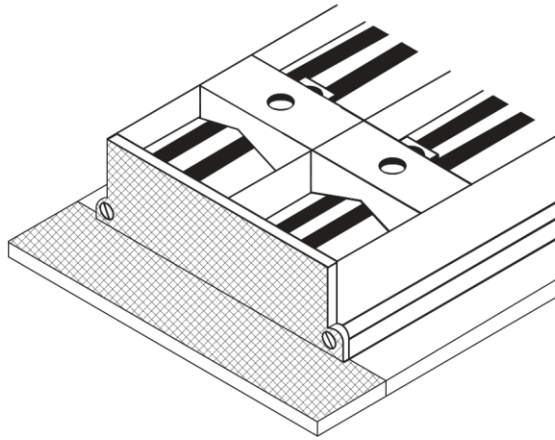
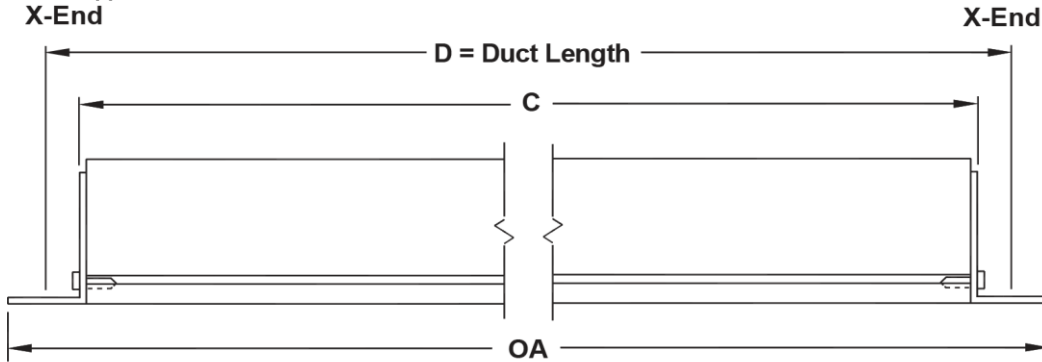


Duct Length	Cutout Width (D')	Neck Length (C)	OA Width (O')	OA Length (O)
72	4 1/4"	70.625	5"	72.75

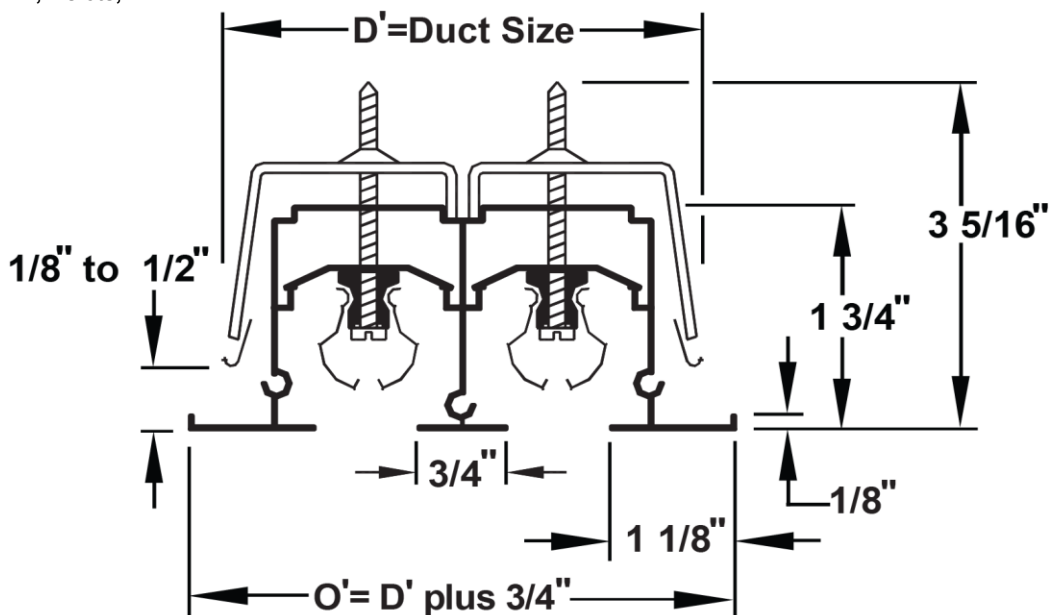
Main Product (continued)

ML39-1 (2)

XX - End Borders, Supplied
 X-End



Border Type 2A, 2 slots, ML



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Designation LD-1



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General Description

ML39-1 (2)

- Standard Finish: • #26 White border, Black pattern controllers.
- Standard lengths of diffuser sections are 12", 24", 36", 48", 60" and 72".
 - Lengths greater than 72" 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 36". • Pattern controllers are furnished in multiple sections for diffuser longer than 36".
 - Mounting frames are cut to length and assembled in the field.
 - Material is extruded aluminum with steel pattern controllers.

Option Schedule

ML39-1 (2)

ID	Quantity	Tag	LINEAR LENGTH INCHES
3	24	LD-1 GYP	72

NO OF SLOTS 2 SLOTS
END BORDER XX - TWO END BORDERS
ML FRAME & BORDER 2A - CONCEALED MOUNT
FINISH 26 - WHITE

ACCESSORY 1 NONE
ACCESSORY 2 NONE
ACCESSORY 3 NONE

Project Highlands Building at Pinna
 Architect
 Engineer
 Contractor
 Designation LD-1 PLENUM



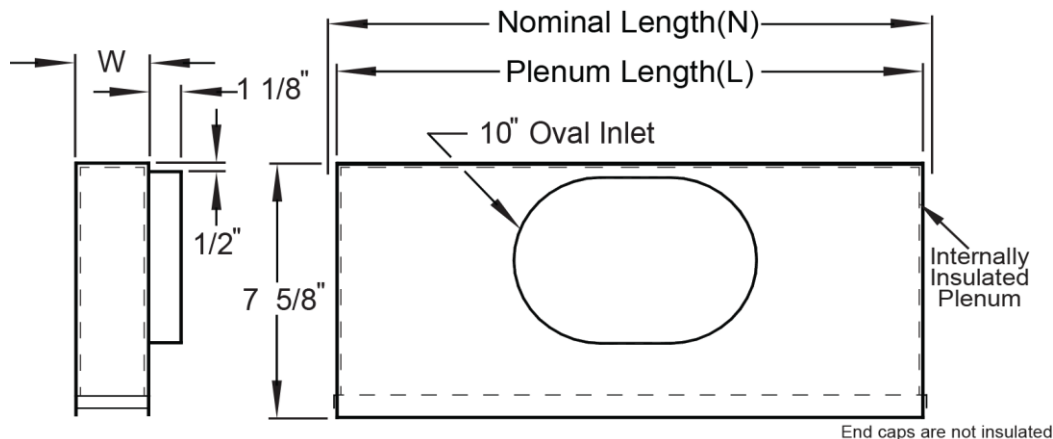
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MPI-39

Insulated plenum for a ModuLinear ML-39.

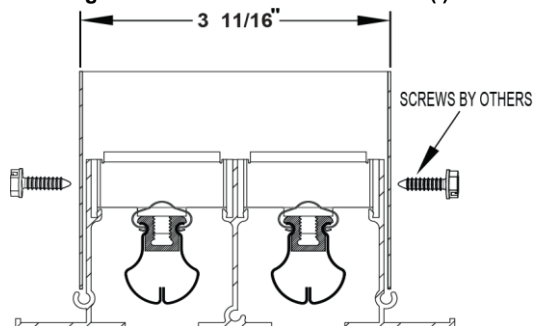
Main Product MPI39-1

MPI-39



Nominal Plenum Length (N)	Plenum Length (L)	Oval Inlet Width	Oval Inlet Height
72 "	71 1/8"	12 1/2"	5 1/4"

Installation Mounting Detail with Two Slot Plenum MP(I)-39



General Description MPI39-1

- Model MP modulinear plenums are tailored for field attachment to ML or MLR modulinear diffusers.
- End caps can be turned up to allow installing the MP on continuous runs of ML diffuser.
- Model MP can be used as supply or return.
- Material: Steel.

Option Schedule MPI39-1

ID	Quantity	Tag	PLENUM LENGTH
1	44	LD-1 PLEN LAYIN	72 INCHES
2	3	LD-1 PLEN WOOD	72 INCHES

Project Highlands Building at Pinna
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Contractor
Designation LD-1 PLENUM



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Option Schedule (continued)

MPI39-1

SLOTS/PLENUM HGT 2LP - 2 SLOT LOW PROFILE
PLENUM INLET 10 INCH
ML FRAME & BORDER 1B - DUCT MOUNT

END BORDER XX - TWO END BORDERS
ACCESSORY 2 STRAIGHT

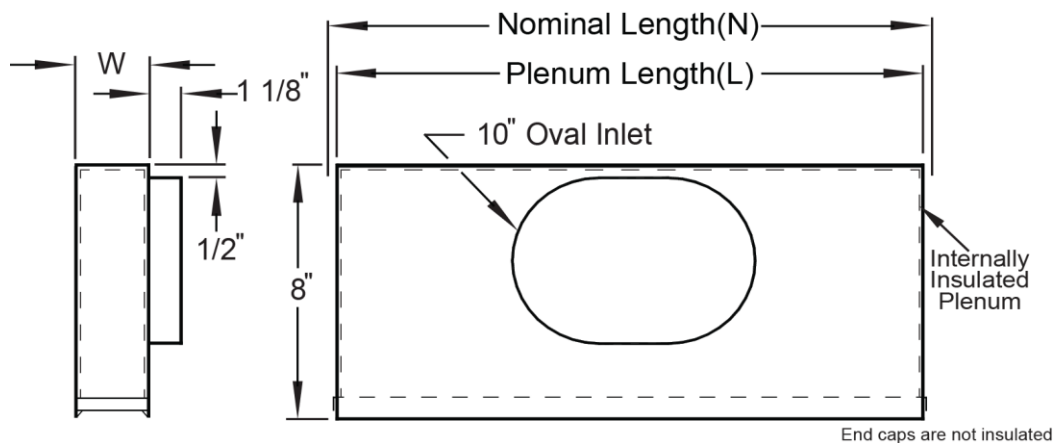
MPI-39

Insulated plenum for a ModuLinear ML-39.

Main Product

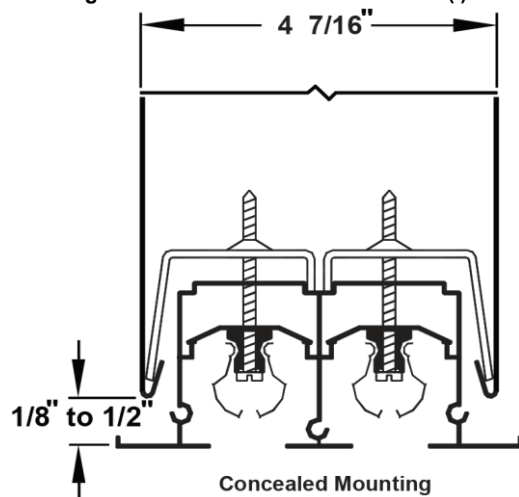
MPI39-1 (2)

MPI-39



Nominal Plenum Length (N)	Plenum Length (L)	Oval Inlet Width	Oval Inlet Height
72 "	71 1/8"	12 1/2"	5 1/4"

Installation Mounting Detail with Two Slots Plenum MP(I)-39



General Description

MPI39-1 (2)

- Model MP modulinear plenums are tailored for field attachment to ML or MLR modulinear diffusers.
- End caps can be turned up to allow installing the MP on continuous runs of ML diffuser.
- Model MP can be used as supply or return.
- Material: Steel.

Project Highlands Building at Pinna
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Option Schedule

MPI39-1 (2)

ID	Quantity	Tag	PLENUM LENGTH
3	24	LD-1 PLEN GYP	72 INCHES

SLOTS/PLENUM HGT 2LP - 2 SLOT LOW PROFILE
PLENUM INLET 10 INCH
ML FRAME & BORDER 2B - CONCEALED MOUNT

END BORDER XX - TWO END BORDERS
ACCESSORY 2 STRAIGHT

Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation LD-2



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Version 2014.0.605

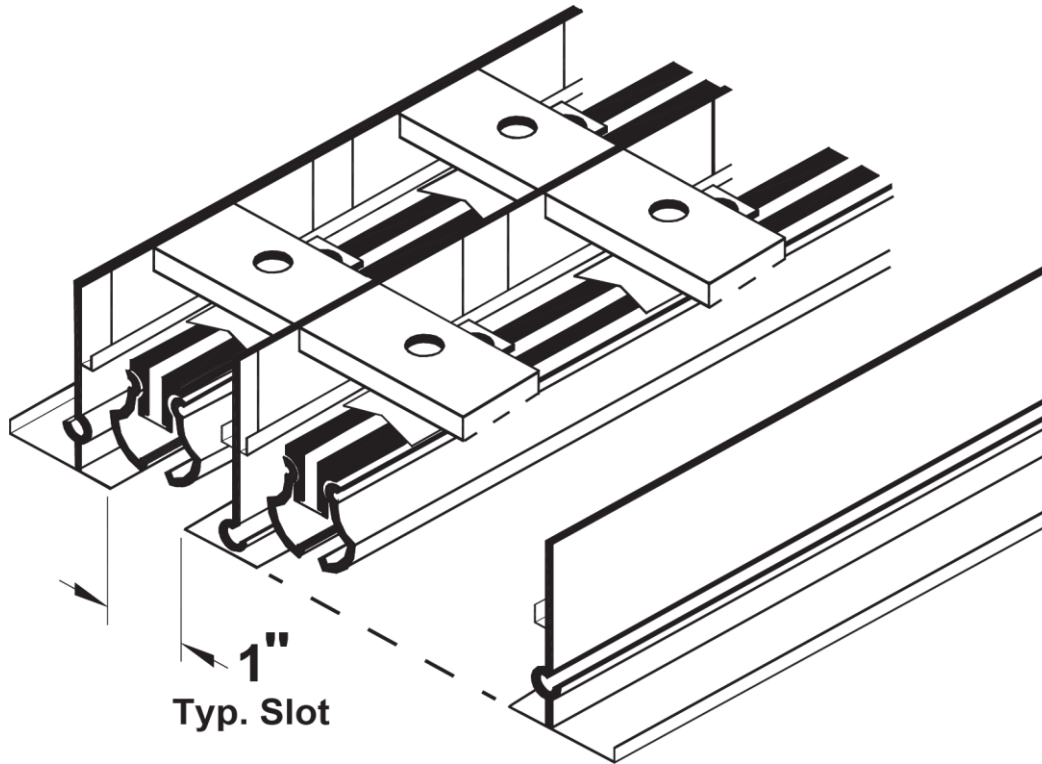
ML-39

ModuLinear supply diffuser with a 1" slot, Aluminum.

Main Product

ML39-2

ML-39



Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation LD-2

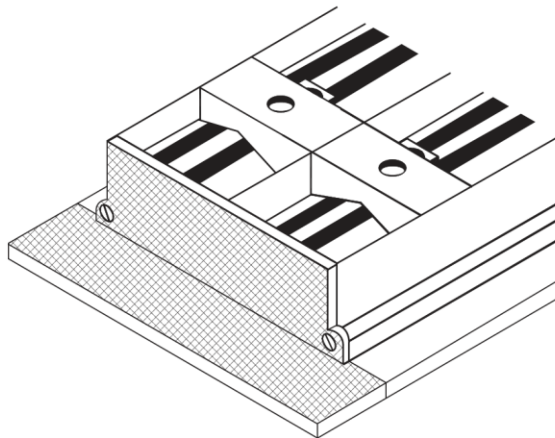
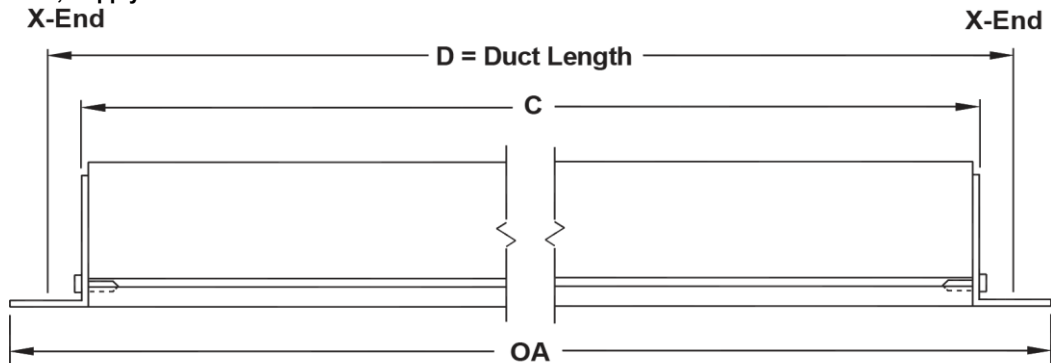


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Main Product (continued)

ML39-2

XX - End Borders, Supply 3+
X-End



Duct Length (D)	Neck Length (C)	OA Diffuser Length
71	69.625	71.75
72	70.625	72.75

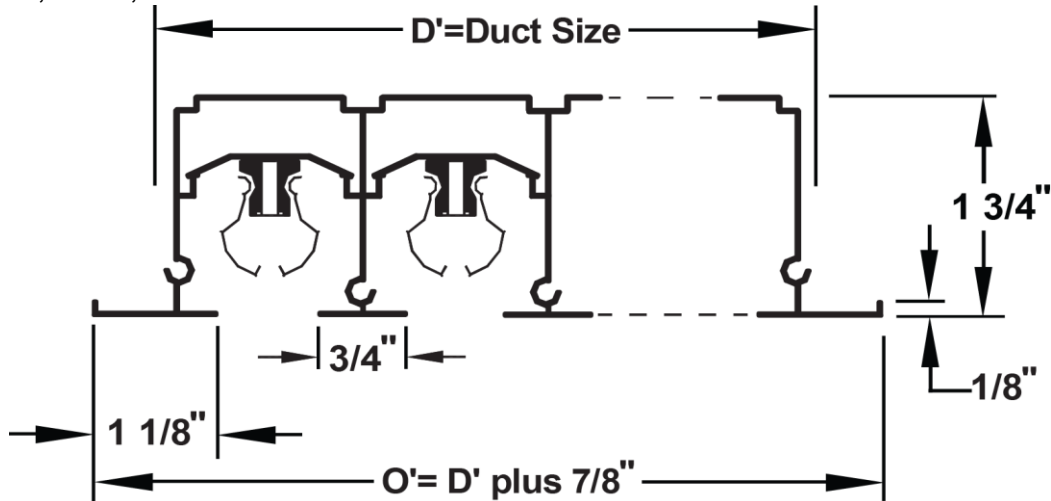
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 Engineer
 Contractor
 Designation LD-2



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 Version 2014.0.605

Main Product (continued) ML39-2

Border Type 1B, 3+ slots, ML-39



NO OF SLOTS	Cutout Width (D')	OA Diffuser Width (O')
5 SLOTS	9 3/8"	10 1/4"

General Description ML39-2

- Standard Finish: • #26 White border, Black pattern controllers.
- Standard lengths of diffuser sections are 12", 24", 36", 48", 60" and 72".
 - Lengths greater than 72" 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 36". • Pattern controllers are furnished in multiple sections for diffuser longer than 36".
 - Mounting frames are cut to length and assembled in the field.
 - Material is extruded aluminum with steel pattern controllers.

Option Schedule ML39-2

ID	Quantity	Tag	LINEAR LENGTH INCHES
1	7	LD-2 LAY-IN	71
2	1	LD-2 WOOD	72

NO OF SLOTS 5 SLOTS
 END BORDER XX - TWO END BORDERS
 ML FRAME & BORDER 1B - DUCT MOUNT
 FINISH 26 - WHITE

ACCESSORY 1 NONE
 ACCESSORY 2 NONE
 ACCESSORY 3 NONE

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Engineer
Contractor
Designation LD-2



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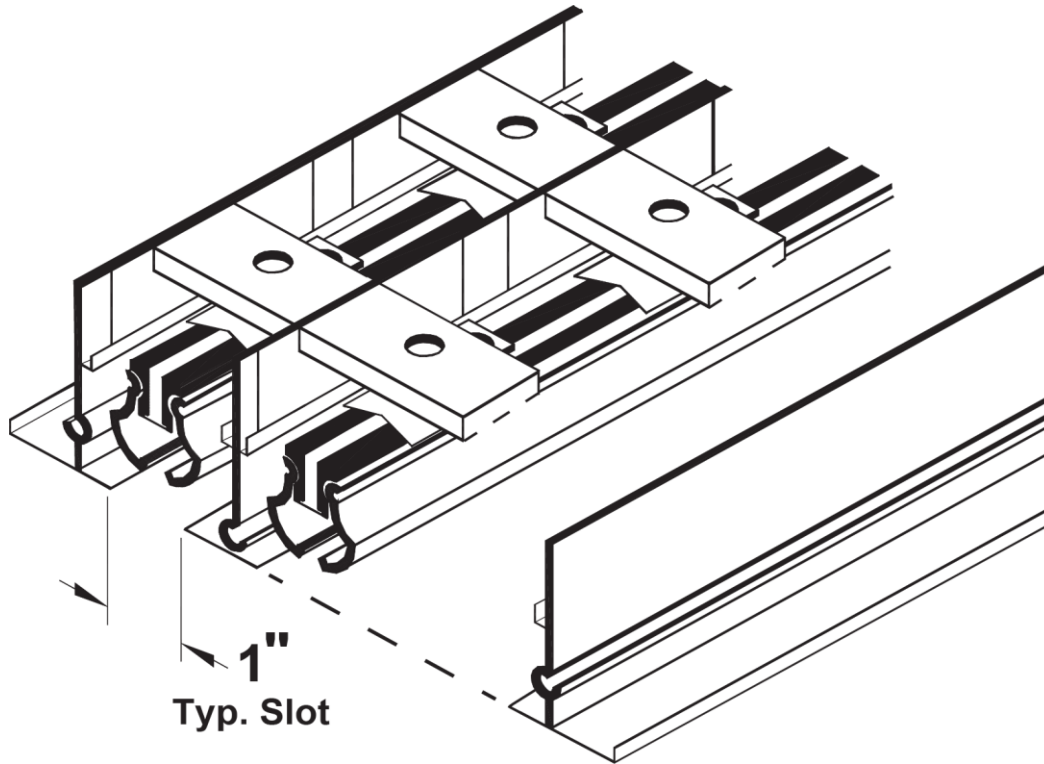
ML-39

ModuLinear supply diffuser with a 1" slot, Aluminum.

Main Product

ML39-2 (2)

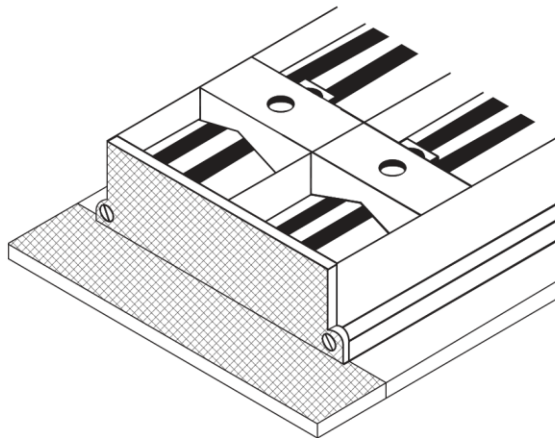
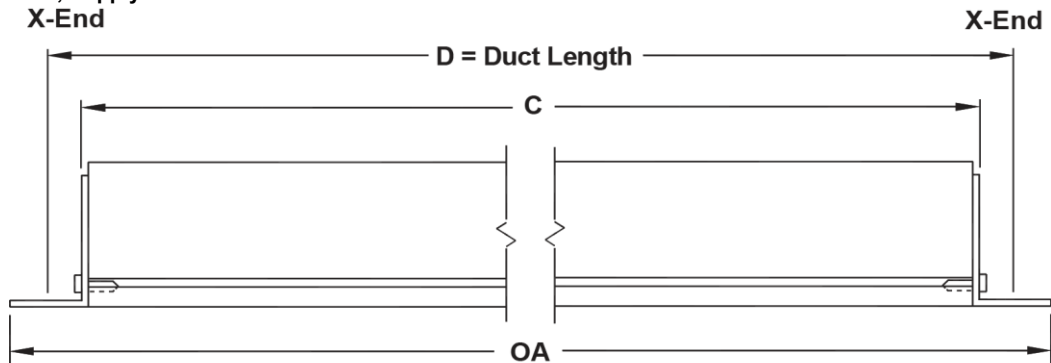
ML-39



Main Product (continued)

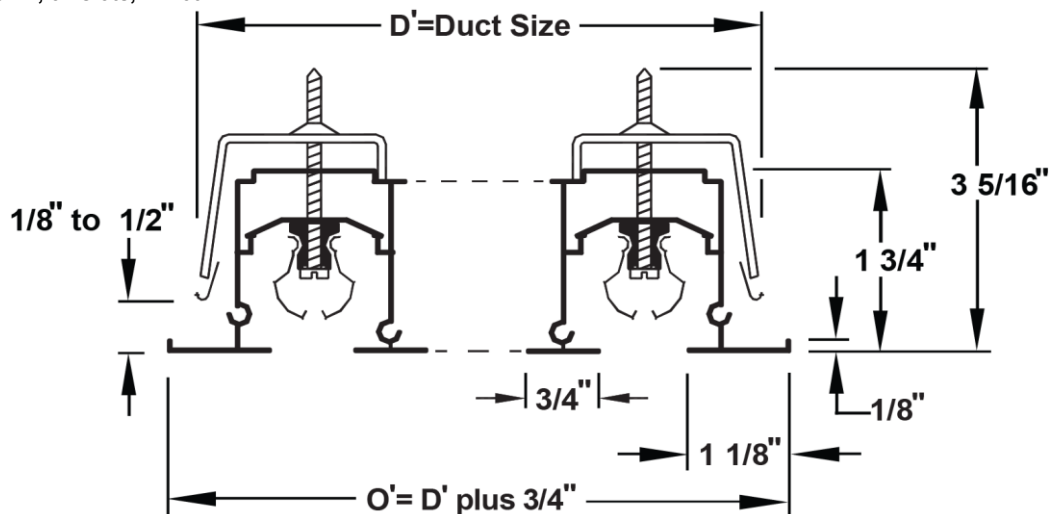
ML39-2 (2)

XX - End Borders, Supply 3+
X-End



Duct Length (D)	Neck Length (C)	OA Diffuser Length
72	70.625	72.75

Border Type 2A, 3+ slots, ML-39



Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation LD-2



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Version 2014.0.605

Main Product (continued)

ML39-2 (2)

NO OF SLOTS	Cutout Width (D')	OA Diffuser Width (O')
5 SLOTS	9 1/2"	10 1/4"

General Description

ML39-2 (2)

- Standard Finish: • #26 White border, Black pattern controllers.
- Standard lengths of diffuser sections are 12", 24", 36", 48", 60" and 72".
- Lengths greater than 72" 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 36". • Pattern controllers are furnished in multiple sections for diffuser longer than 36".
- Mounting frames are cut to length and assembled in the field.
- Material is extruded aluminum with steel pattern controllers.

Option Schedule

ML39-2 (2)

ID	Quantity	Tag	LINEAR LENGTH INCHES
3	11	LD-2 GYP	72

NO OF SLOTS 5 SLOTS
END BORDER XX - TWO END BORDERS
ML FRAME & BORDER 2A - CONCEALED MOUNT
FINISH 26 - WHITE

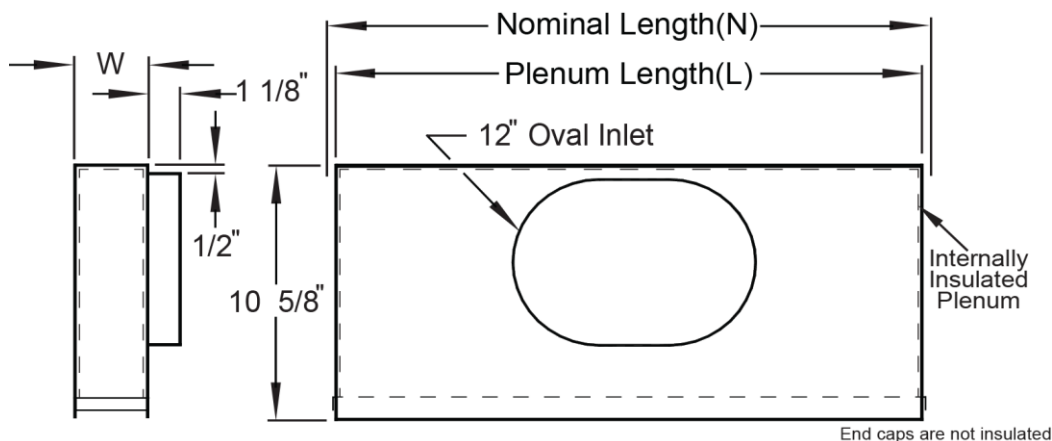
ACCESSORY 1 NONE
ACCESSORY 2 NONE
ACCESSORY 3 NONE

MPI-39

Insulated plenum for a ModuLinear ML-39.

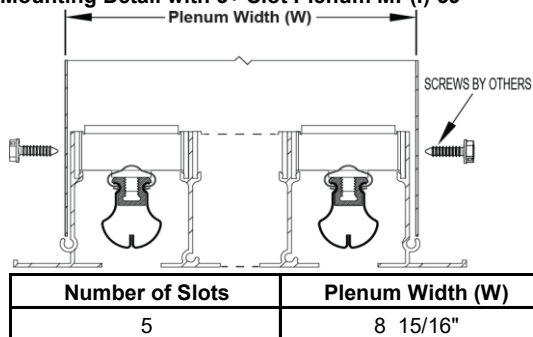
Main Product MPI39-2

MPI-39



Nominal Plenum Length (N)	Plenum Length (L)	Oval Inlet Width	Oval Inlet Height
72 "	71 1/8"	14 1/8"	7 7/8"

Installation Mounting Detail with 3+ Slot Plenum MP(I)-39



General Description MPI39-2

- Model MP modulinear plenums are tailored for field attachment to ML or MLR modulinear diffusers.
- End caps can be turned up to allow installing the MP on continuous runs of ML diffuser.
- Model MP can be used as supply or return.
- Material: Steel.

Option Schedule MPI39-2

ID	Quantity	Tag	PLENUM LENGTH
1	7	LD-1 PLEN LAYIN	72 INCHES
2	1	LD-1 PLEN WOOD	72 INCHES

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Contractor
Designation LD-2 PLENUM



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Version 2014.0.605

Option Schedule (continued)

MPI39-2

SLOTS/PLENUM HGT 5HP - 5-SLOT HI PROFILE
PLENUM INLET 12 INCH
ML FRAME & BORDER 1B - DUCT MOUNT

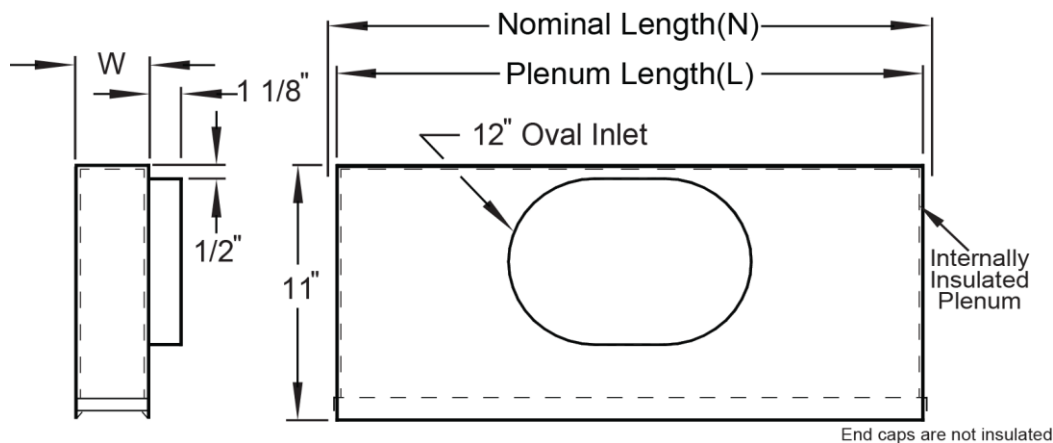
END BORDER XX - TWO END BORDERS
ACCESSORY 2 STRAIGHT

MPI-39

Insulated plenum for a ModuLinear ML-39.

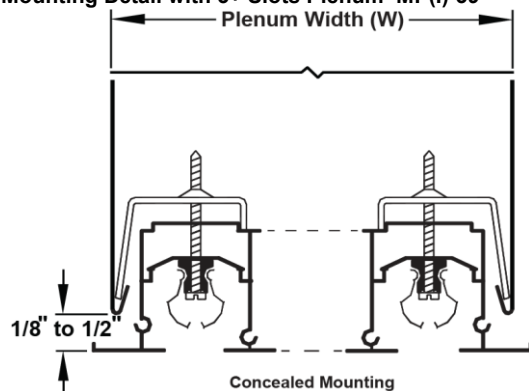
Main Product MPI39-2 (2)

MPI-39



Nominal Plenum Length (N)	Plenum Length (L)	Oval Inlet Width	Oval Inlet Height
72 "	71 1/8"	14 1/8"	7 7/8"

Installation Mounting Detail with 3+ Slots Plenum MP(I)-39



Number of Slots	Plenum Width (W)
5	9 11/16"

General Description MPI39-2 (2)

- Model MP modulinear plenums are tailored for field attachment to ML or MLR modulinear diffusers.
- End caps can be turned up to allow installing the MP on continuous runs of ML diffuser.
- Model MP can be used as supply or return.
- Material: Steel.

Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation LD-2 PLENUM



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Option Schedule

MPI39-2 (2)

ID	Quantity	Tag	PLENUM LENGTH
3	11	LD-1 PLEN GYP	72 INCHES

SLOTS/PLENUM HGT 5HP - 5-SLOT HI PROFILE
PLENUM INLET 12 INCH
ML FRAME & BORDER 2B - CONCEALED MOUNT

END BORDER XX - TWO END BORDERS
ACCESSORY 2 STRAIGHT

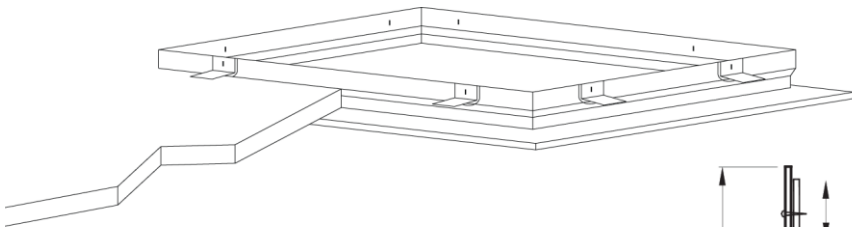
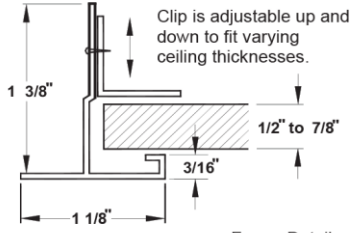
Project Highlands Building at Pinna
Architect
Engineer
Contractor
Designation TRM FRAMES



Date 06/27/2026
Office Powers of Arkansas
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Version 2014.0.605

TRM

Aluminum Rapid Mount Frame/Plaster-Frame.

Main Product	TRM-1								
TRM   Frame Detail									
<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;">MODULE SIZE</th> <th style="width: 80%;">Opening Cutout</th> </tr> </thead> <tbody> <tr> <td>12X12</td> <td>12 1/2" x 12 1/2"</td> </tr> <tr> <td>24X24</td> <td>24 1/2" x 24 1/2"</td> </tr> <tr> <td>48X24</td> <td>48 1/2" x 24 1/2"</td> </tr> </tbody> </table>		MODULE SIZE	Opening Cutout	12X12	12 1/2" x 12 1/2"	24X24	24 1/2" x 24 1/2"	48X24	48 1/2" x 24 1/2"
MODULE SIZE	Opening Cutout								
12X12	12 1/2" x 12 1/2"								
24X24	24 1/2" x 24 1/2"								
48X24	48 1/2" x 24 1/2"								

General Description	TRM-1
- Model TRM TITUS Rapid Mount Frame allows T-bar, lay-in type diffusers (border Type 3) to be installed in surface mounting applications (border Type 1). - TRM frame is installed in opening and secured in place using security clips. Screws are mounted flush in frame mounting holes. - Rapid Mount Frame can be mounted in plaster or sheet rock ceiling. - The TRM can be used to access ceiling plenum. Diffuser with flex connection can be lifted out of frame to access ceiling space. - Material is aluminum with steel fasteners.	

Option Schedule	TRM-1																
<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 10%;">ID</th> <th style="width: 10%;">Quantity</th> <th style="width: 20%;">Tag</th> <th style="width: 60%;">MODULE SIZE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>8</td> <td>TRM 12X12</td> <td>12X12</td> </tr> <tr> <td>2</td> <td>116</td> <td>TRM 24X24</td> <td>24X24</td> </tr> <tr> <td>3</td> <td>2</td> <td>TRM 48X24</td> <td>48X24</td> </tr> </tbody> </table> FINISH 26 - WHITE		ID	Quantity	Tag	MODULE SIZE	1	8	TRM 12X12	12X12	2	116	TRM 24X24	24X24	3	2	TRM 48X24	48X24
ID	Quantity	Tag	MODULE SIZE														
1	8	TRM 12X12	12X12														
2	116	TRM 24X24	24X24														
3	2	TRM 48X24	48X24														

SQUARE TO ROUND

PURPOSE DESCRIPTION

The SQUARE TO ROUND ADAPTOR is used to provide make high efficiency takeoffs on sheet metal duct.

CONSTRUCTION

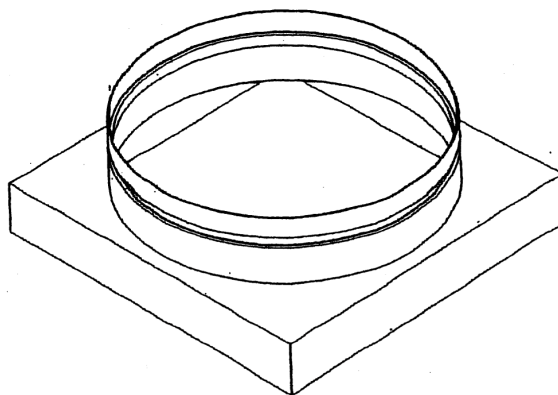
1. Standard body material is ~~28-gauge~~ galvanized steel.
2. Body depth is in one inch increments, exact size.
3. Collar height is 2 3/8" standard
3" optional height
4. Nominal diameter is -1/8"—1/4".
3. The body and barrell are fastened with spotwelds and or mechanical locks.
4. The ring / collar has a cinching groove for optimal flex duct retention.

MATERIAL OPTIONS

26, 24, 22 gauge galvanized steel
Aluminum
Stainless steel

PAINT OPTIONS

Black or white baked enamel
(high quality)



SHOWN HERE:
SRA 18 X 18 X 16— 2
(open corners)

STANDARD CONSTRUCTION

1" depth - open corners
2" depth—open corners
3" depth and greater— closed corners

4" Depth

