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LTM Series

Linear Bar Grille with Tape and Mud Frame and Removable Core (Type 3)

MODEL: LTM-T3

LTM 1/2 0°

LTM 1/2 20°

LTM 1/3 0°

Standard Features:

- Precision aluminum construction for clean styling and efficient air distribution
- Extruded aluminum Tape and Mud Frame
- Core secured with stainless steel spring clips
- Available in lengths up to 144" in one piece (may vary for shipping and manufacturing considerations)
- Maximum available width is 14"
- Minimum available width is 2"
- 1/8" thick core blades run parallel to longest dimension
- 1/2" spacing with 0° or 20° deflection; actual spacing between bars is 3/8"
- 1/3" spacing with 0°deflection; actual spacing between bars is 3/16"
- Designed for 1/2" or 5/8" drywall application
- Product length is manufactured to 1/4" under nominal dimension
- Finished flat end caps
- Satin Anodized (linear core only)

Options:

- ☐ Butt joints for continuous lengths
- ☐ Fractional dimensions

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/2" - 20° Deflection

Finishes:

STANDARD COLORS

- ☐ Soft White
- ☐ Driftwood Tan
- ☐ Mill Finish
- ☐ Satin Anodized (Linear core only)

DESIGNER COLORS

- ☐ Black
- ☐ Bronze
- ☐ Storm Gray
- ☐ Cement Gray
- ☐ Aluminum Paint
- ☐ Coffee Tan
- ☐ Warm White
- ☐ Glossy White

Tape and Mud Details:

The LTM Tape and Mud Frame is an effective and seamless mounting application for 1/2" or 5/8" drywall. Designed to create a frameless finished look. To install simply place diffuser in framed opening and screw through the flange to attach the product to the framed opening. Once secure, install sheetrock to cover flange and butt up to the frame's edges. Finish installing by taping and mudding the product and sheetrock to create the desired seamless finish.

LTM 1/2 0°
TAPE & MUD FRAME INSTALLED

Additional Information:

Project / Location:	
Engineer:	
Architect:	
Contractor:	

Submittal Notes

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LSW Series

Linear Bar Sidewall Diffusers and Grilles (Type 4)

MODEL: LSW-T4

Standard Features:

- Precision aluminum construction for clean styling and efficient air distribution
- Extruded aluminum frame with signature line marks
- Standard frame width is 1 3/8”
- Designed for sidewall application
- Countersunk mounting holes with color matching Philips Posidriv screws
- Available in lengths up to 144” in one piece (may vary for shipping and manufacturing considerations)
- 1/8” thick core blades run parallel to longest dimension
- 1/2” spacing with 0° or 20° deflection; actual spacing between bars is 3/8”
- 1/3” spacing with 0° or 20° deflection; actual spacing between bars is 1/4”
- Satin Anodized

Options:

- ☐ Recessed screwdriver-operated opposed blade damper – 1/2” spacing (OBD)
- ☐ Lever-operated opposed blade damper – 1/3” spacing (OBD)
- ☐ Extruded aluminum adjustable curved blade air deflection grid (Grid)
- ☐ Screwdriver-operated opposed blade damper with extruded aluminum adjustable curved blade air deflection grid (OBD-Grid)
- ☐ Gym Grade construction with welded support brackets and frame, and extra center margin supports (HD)
- ☐ Short Blades: core blades run parallel to shortest dimension
- ☐ Special Shapes: mitered and custom shapes diffusers (see website for more details)
- ☐ Butt joints for continuous lengths
- ☐ Tamper proof screws
- ☐ Fractional I.D. and O.D. sizes available

LSW 1/2 0°
STANDARD FRAME

LSW 1/3 0°
STANDARD FRAME

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/2" - 20° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/3" - 20° Deflection

Frame Widths:

- ☐ 1 3/8” Frame (standard)
- ☐ 1” Frame (option Y)

LSW 1/3 20°
Y FRAME

LSW 1/2 20°
Y FRAME

Finishes:

STANDARD COLORS

- ☐ Soft White
- ☐ Driftwood Tan
- ☐ Mill Finish
- ☐ Satin Anodized

DESIGNER COLORS

- ☐ Black
- ☐ Bronze
- ☐ Storm Gray
- ☐ Cement Gray
- ☐ Aluminum Paint
- ☐ Coffee Tan
- ☐ Warm White
- ☐ Glossy White

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LSW Series

Linear Bar Sidewall Diffusers and Grilles (Type 4)

MODEL: LSW-T4

OBD & Grid Options:

FRAME OPTIONS:

Standard Frame

LSW WITH OBD

Y Frame

WITH OBD

Additional Information:

Project / Location:	Submittal Notes
Engineer:	
Architect:	
Contractor:	

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LF Series

Linear Bar Floor Diffusers and Grilles (Type 7)

MODEL: LF-T7

Standard Features:

- Precision aluminum construction for clean styling and efficient air distribution
- Extruded aluminum frame with signature line marks
- 1 3/8" frame width
- Reinforced with pressure lock honeycomb construction to withstand heavy foot traffic
- Available in lengths up to 144" in one piece (may vary for shipping and manufacturing considerations)
- Maximum available width is 14"
- 1/8" thick core blades run parallel to longest dimension
- 1/2" spacing with 0° or 20° deflection; actual spacing between bars is 3/8"
- 1/3" spacing with 0° or 20° deflection; actual spacing between bars is 3/16"
- Satin Anodized

Options:

- ☐ Recessed screwdriver-operated opposed blade damper – 1/2" spacing (OBD)
- ☐ Lever-operated opposed blade damper – 1/3" spacing (OBD)
- ☐ Extruded aluminum adjustable curved blade air deflection grid (Grid)
- ☐ Screwdriver-operated opposed blade damper with extruded aluminum adjustable curved blade air deflection grid (OBD-Grid)
- ☐ Gym Grade construction with welded support brackets and frame, and extra center margin supports (HD)
- ☐ Short Blades: core blades run parallel to shortest dimension
- ☐ Special Shapes: mitered and custom shapes diffusers (see website for more details)
- ☐ Butt joints for continuous lengths
- ☐ Fractional I.D. and O.D. sizes available

LF 1/2 0°
STANDARD FRAME

LF 1/3 0°
STANDARD FRAME

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/2" - 20° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/3" - 20° Deflection

Frame Widths:

- ☐ 1 3/8" Frame (standard)
- ☐ 1" Frame (option Y)

LF 1/2 20°
Y FRAME

LF 1/3 20°
Y FRAME

Finishes:

STANDARD COLORS

- ☐ Soft White
- ☐ Driftwood Tan
- ☐ Mill Finish
- ☐ Satin Anodized

DESIGNER COLORS

- ☐ Black
- ☐ Bronze
- ☐ Storm Gray
- ☐ Cement Gray
- ☐ Aluminum Paint
- ☐ Coffee Tan
- ☐ Warm White
- ☐ Glossy White

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LF Series

Linear Bar Floor Diffusers and Grilles (Type 7)

MODEL: LF-T7

OBD & Grid Options:

FRAME OPTIONS:

Standard Frame

LSW WITH OBD

Y Frame

WITH OBD

Additional Information:

Project / Location:	Submittal Notes
Engineer:	
Architect:	
Contractor:	

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LS Series

Linear Bar Sill Diffusers and Grilles (Type 7)

MODEL: LS-T7

Standard Features:

- Precision aluminum construction for clean styling and efficient air distribution
- Extruded aluminum frame with signature line marks
- Standard frame with is 1 3/8”
- Reinforced with pressure lock honeycomb construction to withstand heavy foot traffic
- Available in lengths up to 144” in one piece (may vary for shipping and manufacturing considerations)
- Maximum available width is 14”
- 1/8” thick core blades run parallel to longest dimension
- 1/2” spacing with 0° or 20° deflection; actual spacing between bars is 3/8”
- 1/3” spacing with 0° or 20° deflection; actual spacing between bars is 1/4”
- Satin Anodized

Options:

- ☐ Recessed screwdriver-operated opposed blade damper – 1/2” spacing (OBD)
- ☐ Lever-operated opposed blade damper – 1/3” spacing (OBD)
- ☐ Extruded aluminum adjustable curved blade air deflection grid (Grid)
- ☐ Screwdriver-operated opposed blade damper with extruded aluminum adjustable curved blade air deflection grid (OBD-Grid)
- ☐ Gym Grade construction with welded support brackets and frame, and extra center margin supports (HD)
- ☐ Short Blades: core blades run parallel to shortest dimension
- ☐ Special Shapes: mitered and custom shapes diffusers (see website for more details)
- ☐ Butt joints for continuous lengths
- ☐ Fractional I.D. and O.D. sizes available

LS 1/2 0°
STANDARD FRAME

LS 1/3 0°
STANDARD FRAME

LS 1/3 20°
Y FRAME

LS 1/2 20°
Y FRAME

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/2" - 20° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/3" - 20° Deflection

Frame Widths:

- ☐ 1 3/8” Frame (standard)
- ☐ 1” Frame (option Y)

Finishes:

STANDARD COLORS
- ☐ Soft White
- ☐ Driftwood Tan
- ☐ Mill Finish
- ☐ Satin Anodized

DESIGNER COLORS
- ☐ Black
- ☐ Bronze
- ☐ Storm Gray
- ☐ Cement Gray
- ☐ Aluminum Paint
- ☐ Coffee Tan
- ☐ Warm White
- ☐ Glossy White

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LS Series

Linear Bar Sill Diffusers and Grilles (Type 7)

MODEL: LS-T7

OBD & Grid Options:

FRAME OPTIONS:

Standard Frame

LS WITH OBD

Y Frame

WITH OBD

Additional Information:

Project / Location:	Submittal Notes
Engineer:	
Architect:	
Contractor:	

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LCF Series

Linear Bar Removable Core with Flangeless Mounting Frame (Type 8)

MODEL: LCF-T8

LCF 1/2 0°

LCF 1/2 20°

LCF 1/3 0°

Standard Features:

- Extruded aluminum frame
- Precision aluminum construction for clean styling and efficient air distribution
- Core secured with stainless steel spring clips
- Available in lengths up to 144" in one piece (may vary for shipping and manufacturing considerations)
- Maximum available width is 14"
- 1/8" thick core blades run parallel to longest dimension
- 1/2" spacing with 0° or 20° deflection; actual spacing between bars is 3/8"
- 1/3" spacing with 0° deflection; actual spacing between bars is 3/16"
- Product manufactured to exact dimension given
- Satin Anodized

Options:

- ☐ Recessed screwdriver-operated opposed blade damper – 1/2" spacing
- ☐ Lever-operated opposed blade damper – 1/3" spacing
- ☐ Extruded aluminum adjustable curved blade air deflection grid
- ☐ Gym Grade construction with extra center margin supports
- ☐ Butt joints for continuous lengths
- ☐ Fractional dimensions
- ☐ Mounting brackets – see drawing (duct plates provided by others)

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/2" - 20° Deflection

Finishes:

STANDARD COLORS	DESIGNER COLORS	
☐ Soft White	☐ Black	☐ Aluminum Paint
☐ Driftwood Tan	☐ Bronze	☐ Coffee Tan
☐ Mill Finish	☐ Storm Gray	☐ Warm White
☐ Satin Anodized	☐ Cement Gray	☐ Glossy White

Note:
Mounting hardware supplied by others. In high foot traffic applications recomended use of heavy gauge support brackets.

Additional Information:

Project / Location:	Submittal Notes
Engineer:	
Architect:	
Contractor:	

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LF-RC Series

Aluminum Linear Bar Floor Grille with Removable Core

MODEL: LF-RC

LF-RC

LF-RC
SHOWN WITH
CORE REMOVED

LF-RC 1/2 0°

LF-RC 1/2 20°

LF-RC 1/3 0°

Standard Features:

- Extruded aluminum frame with signature line marks
- Designed for floor application
- Core secured with stainless steel spring clips
- Reinforced with pressure lock honeycomb construction to withstand normal foot traffic
- Available in lengths up to 144" in one piece (may vary for shipping and manufacturing considerations)
- Maximum available width is 14"
- 1/8" thick core blades run parallel to longest dimension
- 1/2" spacing with 0° or 20° deflection; actual spacing between bars is 3/8"
- 1/3" spacing with 0° deflection; actual spacing between bars is 3/16"
- Standard frame flange is 1-1/4"
- Anodized Finish

Options:

- ☐ Recessed screwdriver operated Opposed Blade Damper (LF-RC-0)
- ☐ Gym Grade with frame, and extra center margin supports (LF-RC-GG)
- ☐ Extruded aluminum adjustable curved blade air deflection grid (LF-RC-Grid)
- ☐ Fixed 2 way air deflection (LF-RC-2 Way)
- ☐ Available in continuous lengths with butt joints
- ☐ Mounting bracket to bolt into floor (floor plate supplied by others)
- ☐ Fractional I.D. and O.D. sizes available

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/2" - 20° Deflection

Note: Actual spacing between 1/2" on center blades is 3/8"and for 1/3" on center blades is 3/16".

Finishes:

STANDARD COLORS	DESIGNER COLORS	
☐ Soft White	☐ Black	☐ Aluminum Paint
☐ Driftwood Tan	☐ Bronze	☐ Coffee Tan
☐ Mill Finish	☐ Storm Gray	☐ Warm White
☐ Satin Anodized	☐ Cement Gray	☐ Glossy White

OBD & Grid Options:

Additional Information:

Project / Location:	Submittal Notes
Engineer:	
Architect:	
Contractor:	

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LS-RC Series

Aluminum Linear Bar Floor Grille with Removable Core

MODEL: LS-RC

LS-RC

LS-RC SHOWN WITH CORE REMOVED

LS-RC 1/2 0°

LS-RC 1/2 20°

LS-RC 1/3 0°

Standard Features:

- Extruded aluminum frame with signature line marks
- Designed for window sill application
- Core secured with stainless steel spring clips
- Available in lengths up to 144" in one piece (may vary for shipping and manufacturing considerations)
- Maximum available width is 14"
- 1/8" thick core blades run parallel to longest dimension
- Standard frame flange is 1-1/4"
- Satin Anodized Finish

Options:

- ☐ Recessed screwdriver operated Opposed Blade Damper (LS-RC-0)
- ☐ Gym Grade with welded frame, and extra center margin supports (LS-RC-GG)
- ☐ Extruded aluminum adjustable curved blade air deflection grid (LS-RC-Grid)
- ☐ Fixed 2 way air deflection (LS-RC-2 Way)
- ☐ Available in continuous lengths with butt joints
- ☐ Mounting bracket to bolt into sill (sill plate supplied by others)
- ☐ Fractional I.D. and O.D. sizes available

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/2" - 20° Deflection

Note: Actual spacing between 1/2" on center blades is 3/8"and for 1/3" on center blades is 1/4".

Finishes:

STANDARD COLORS

- ☐ Soft White
- ☐ Driftwood Tan
- ☐ Mill Finish
- ☐ Satin Anodized

DESIGNER COLORS

- ☐ Black
- ☐ Bronze
- ☐ Storm Gray
- ☐ Cement Gray
- ☐ Aluminum Paint
- ☐ Coffee Tan
- ☐ Warm White
- ☐ Glossy White

OBD & Grid Options:

Additional Information:

Project / Location:	Submittal Notes
Engineer:	
Architect:	
Contractor:	

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LSW-RC Series

Linear Bar Sidewall Grille with Removable Core

MODEL: LSW-RC

Standard Features:

- Extruded aluminum frame with signature line marks
- Designed for sidewall application
- Countersunk mounting holes with color matching Philips Posidriv screws
- Core secured with stainless steel spring clips
- Available in lengths up to 144” in one piece (may vary for shipping and manufacturing considerations)
- Maximum available width is 14”
- 1/8” thick core blades run parallel to longest dimension
- 1/2” spacing with 0° or 20° deflection; actual spacing between bars is 3/8”
- 1/3” spacing with 0° deflection; actual spacing between bars is 1/4”
- Standard frame flange is 1-1/4”
- Satin Anodized Finish

Options:

- ☐ Recessed screwdriver operated Opposed Blade Damper (LSW-RC-0)
- ☐ Gym Grade with welded frame, and extra center margin supports (LSW-RC-GG)
- ☐ Extruded aluminum adjustable curved blade air deflection grid (LSW-RC-Grid)
- ☐ Fixed 2 way air deflection (LSW-RC-2 Way)
- ☐ Available in continuous lengths with butt joints
- ☐ Mounting bracket to bolt into sidewall (sidewall plate supplied by others)
- ☐ Fractional I.D. and O.D. sizes available
- ☐ “F” Torx Center Pin tamper proof screw

LSW-RC 1/2 0°

LSW-RC 1/2 20°

LSW-RC 1/3 0°

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/2" - 20° Deflection

Note: Actual spacing between 1/2” on center blades is 3/8”and for 1/3” on center blades is 1/4”.

Finishes:

STANDARD COLORS	DESIGNER COLORS	
☐ Soft White	☐ Black	☐ Aluminum Paint
☐ Driftwood Tan	☐ Bronze	☐ Coffee Tan
☐ Mill Finish	☐ Storm Gray	☐ Warm White
☐ Satin Anodized	☐ Cement Gray	☐ Glossy White

OBD & Grid Options:

Additional Information:

Project / Location:	Submittal Notes
Engineer:	
Architect:	
Contractor:	

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LFG Series

Linear Bar Filter Grille (Type 10)

MODEL: LFG-T10

LFG 1/2 - 0°

Standard Features:

- Extruded aluminum face frame with signature line marks set in an outer filter grille frame
- Precision aluminum construction for clean styling and efficient air distribution
- 1/8" thick core blades run parallel to longest dimension
- 1/2" spacing with 0° or 20° deflection; actual spacing between bars is 3/8"
- 1/3" spacing with 0° or 20° deflection; actual spacing between bars is 3/16"
- Hinged removable face with hinges parallel to longest side
- Hand operated lever for easy filter access
- 2-way reversible door on square and rectangular sizes
- Concealed mounting holes
- Sizes available up to 400 sq. in. (i.e. 20x20 or 24x14 or 30x12)
- Holds up to a 1" filter (not included) with filter retention tabs (LFG1)
- Soft White

Options:

- ☐ Gym grade construction with welded blades and frame, and extra center margin supports
- ☐ Alternative hinge and latch options available (please complete Filter Grille Order Supplement form)

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/2" - 20° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/3" - 20° Deflection

Finishes:

STANDARD COLORS

- ☐ Soft White
- ☐ Driftwood Tan
- ☐ Mill Finish

DESIGNER COLORS

- ☐ Black
- ☐ Bronze
- ☐ Storm Gray
- ☐ Cement Gray
- ☐ Aluminum Paint
- ☐ Coffee Tan
- ☐ Warm White
- ☐ Glossy White

Blade Options:

LFG 1/2 - 0°

LFG 1/2 - 20°

LFG 1/3 - 0°

LFG 1/3 20°

Product Notes:

Filter grilles are manufactured 13/16" undersized nominal duct outside dimension for ease of installation. Air filter should be ¼" to ½" undersized. Verify with air filter manufacturer for air specifications.

Additional Information:

	Submittal Notes
Project / Location:	
Engineer:	
Architect:	
Contractor:	

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LC Series

Linear Bar Core Grille (Type 12)

MODEL: LC-T12

LC 1/2 20°

LC 1/2 0°

LC 1/3 20°

LC 1/3 0°

Standard Features:

- Core only
- Precision aluminum construction for clean styling and efficient air distribution
- Available in lengths up to 144" in one piece (may vary for shipping and manufacturing considerations)
- Maximum available width is 14"
- 1/8" thick core blades run parallel to longest dimension
- 1/2" spacing with 0° or 20° deflection; actual spacing between bars is 3/8"
- 1/3" spacing with 0° or 20° deflection; actual spacing between bars is 3/16"
- Satin Anodized

Options:

- ☐ Gym Grade construction with extra center margin supports
- ☐ Short Bars: core blades run parallel to shortest dimension
- ☐ Special Shapes: mitered and custom shape diffusers (see website for more details)
- ☐ Finished flat end caps
- ☐ Butt joints for continuous lengths
- ☐ Fractional dimensions

Blade Spacing Options:

- ☐ 1/2" - 0° Deflection
- ☐ 1/2" - 20° Deflection
- ☐ 1/3" - 0° Deflection
- ☐ 1/3" - 20° Deflection

Finishes:

STANDARD COLORS

- ☐ Soft White
- ☐ Driftwood Tan
- ☐ Mill Finish
- ☐ Satin Anodized

DESIGNER COLORS

- ☐ Black
- ☐ Bronze
- ☐ Storm Gray
- ☐ Cement Gray
- ☐ Aluminum Paint
- ☐ Coffee Tan
- ☐ Warm White
- ☐ Glossy White

Core Only — Mounting Options:

L CORE ONLY, RECESSED MOUNT

L CORE ONLY, FLUSH MOUNT

L CORE ONLY, EXTENDED MOUNT

L CORE ONLY, L 1/3 20° FLUSH MOUNT

Continued next page.

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LC Series

Linear Bar Core Grille (Type 12)

MODEL: LC-T12

Core Only —Order and Mounting Information:

1/2" SPACING DIMENSION "A"
MADE IN 1" INCREMENTS @ 1/8 & 5/8" OVER THE FULL INCH.
EXAMPLE: 4 1/8", 6 5/8", ETC.

1/3" SPACING DIMENSION "B"
MADE IN 1" INCREMENTS @ 1/8", 7/16" & 13/16" OVER THE FULL INCH.
EXAMPLE: 4 1/8", 8 7/16", 6 13/16", ETC.

Note:
Mounting location/Support strength brackets supplied by others. Recommended for floor applications: 16 ga. min. Use heavier gauge brackets more frequently in high traffic areas.

Additional Information:

Project / Location:	Submittal Notes
Engineer:	
Architect:	
Contractor:	