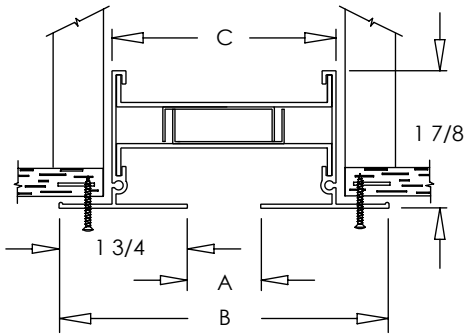
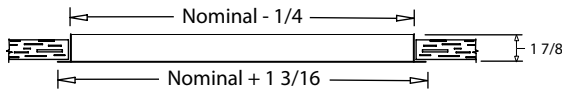
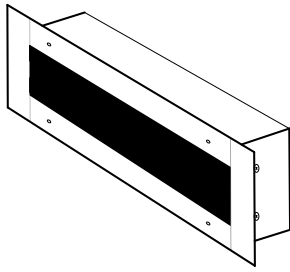


Linear Air Bar Diffuser Submittal

Surface Mount Frame – Diffuser Only (Type 4)

MODEL: LAB-T4-DO



LAB-T4-DO
Surface Mount

Standard Features:

- Air bar diffuser with versatile airflow capability
- Surface mount frame style with 1 3/4" flange. Countersunk mounting holes for flush appearance with flanged end caps and color matching Philips Pozidriv screws
- Allows for higher volume airflow while minimizing pressure loss
- Minimum length 6"
- Unlimited continuous sections available with butt joints
- Soft White

Manufacturing Requirements:

Length _____ feet inches

Supply – Adjustable split 2-piece Air Gate controllers for directional air volume control (LAB-T4-S)

Return – less Air Gates (LAB-T4-R)

Number of slots: 1 2

Slot Width: 1" 1 1/2" 2" 2 1/2" 3"

Options:

Flat end caps

90° Mitered corners

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

Dimensions (in inches)

| # OF SLOTS | SLOT WIDTH (A) | OVERALL WIDTH (B) | WIDTH OF BACK (C) |
|------------|----------------|-------------------|-------------------|
| 1 | 1 | 4 1/2 | 3 1/8 |
| | 1 1/2 | 5 | 3 5/8 |
| | 2 | 5 1/2 | 4 1/8 |
| | 2 1/2 | 6 | 4 5/8 |
| | 3 | 6 1/2 | 5 1/8 |
| 2 | 1 | 7 1/2 | 6 1/8 |
| | 1 1/2 | 8 1/2 | 7 1/8 |
| | 2 | 9 1/2 | 8 1/8 |
| | 2 1/2 | 10 1/2 | 9 1/8 |
| | 3 | 11 1/2 | 10 1/8 |

Note ID lengths 1/4" undersized nominal

Additional Information:

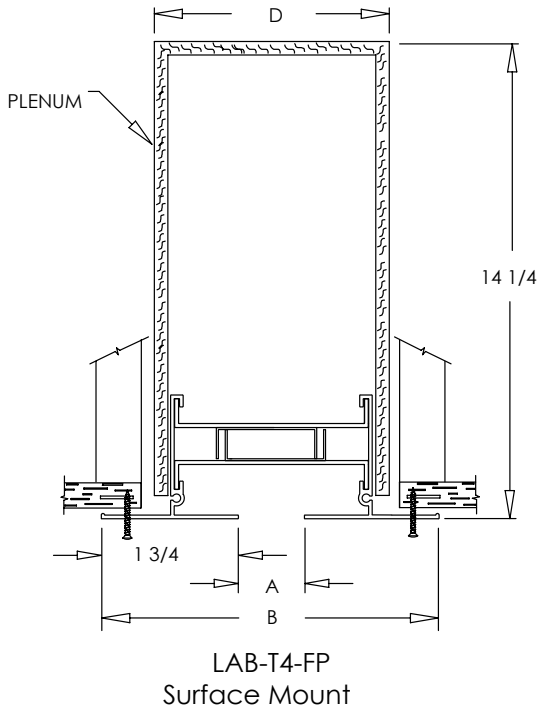
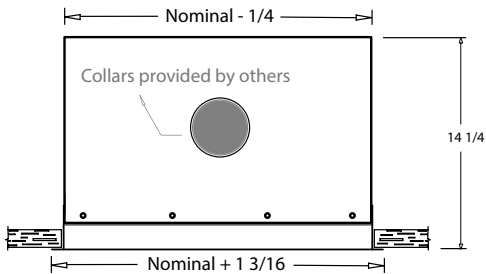
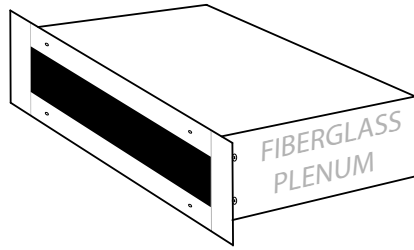
Submittal Notes

| | |
|---------------------|--|
| Project / Location: | |
| Engineer: | |
| Architect: | |
| Contractor: | |

Linear Air Bar Diffuser Submittal

Surface Mount Frame with Fiberglass Plenum (Type 4)

MODEL: LAB-T4-FP



Standard Features:

- Air bar diffuser with versatile airflow capability
- Surface mount frame style with 1 3/4" flange. Countersunk mounting holes for flush appearance with flanged end caps and color matching Philips Pozidriv screws
- Allows for higher volume airflow while minimizing pressure loss
- Rigid fiberglass plenum, allows for multiple locations of field installed spin in collar (collar provided by others)
- Fiberglass plenum ships installed on diffuser
- Minimum length 12"
- Unlimited continuous sections available with butt joints
- Soft White

Manufacturing Requirements:

Length _____ feet _____ inches
 Supply – Adjustable split 2-piece Air Gate controllers for directional air volume control (LAB-T4-S)
 Return – less Air Gates (LAB-T4-R)
 Number of slots: 1 2
 Slot Width: 1" 1 1/2" 2" 2 1/2" 3"

Options:

- Flat end caps
- 90° Mitered corners

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

| Dimensions (in inches) | | | |
|------------------------|----------------|-------------------|-------------------|
| # OF SLOTS | SLOT WIDTH (A) | OVERALL WIDTH (B) | WIDTH OF BACK (D) |
| 1 | 1 | 4 1/2 | 4 1/8 |
| | 1 1/2 | 5 | 4 5/8 |
| | 2 | 5 1/2 | 5 1/8 |
| | 2 1/2 | 6 | 5 5/8 |
| 2 | 3 | 6 1/2 | 6 1/8 |
| | 1 | 7 1/2 | 7 1/8 |
| | 1 1/2 | 8 1/2 | 8 1/8 |
| | 2 | 9 1/2 | 9 1/8 |
| | 2 1/2 | 10 1/2 | 10 1/8 |
| | 3 | 11 1/2 | 11 1/8 |

Note: ID lengths 1/4" undersized nominal

Additional Information:

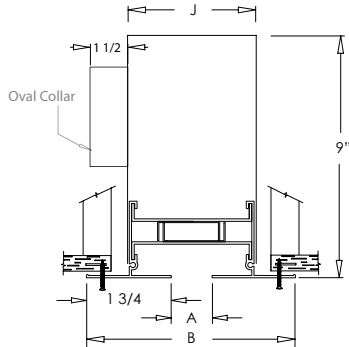
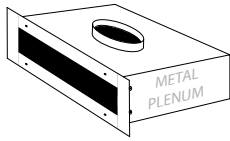
Submittal Notes

| | |
|---------------------|--|
| Project / Location: | |
| Engineer: | |
| Architect: | |
| Contractor: | |

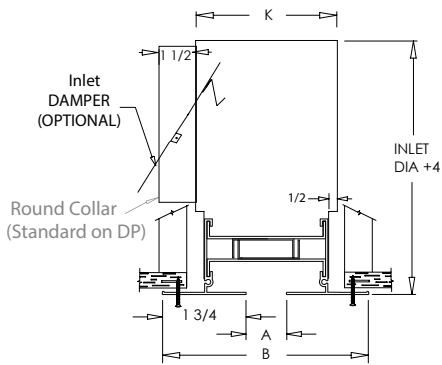
Linear Air Bar Diffuser Submittal

Surface Mount Frame with Metal Plenum (Type 4)

MODEL: LAB-T4-SDP, LAB-T4-DP



LAB-T4-SDP
SURFACE MOUNT



LAB-T4-DP
SURFACE MOUNT

Dimensions (in inches)

| # OF SLOTS | SLOT WIDTH (A) | OVERALL WIDTH (B) | SDP WIDTH (J) | DP WIDTH (K) |
|------------|----------------|-------------------|---------------|--------------|
| 1 | 1 | 4 1/2 | 3 1/8 | 4 1/8 |
| | 1 1/2 | 5 | 3 5/8 | 4 5/8 |
| | 2 | 5 1/2 | 4 1/8 | 5 1/8 |
| | 2 1/2 | 6 | 4 5/8 | 5 5/8 |
| | 3 | 6 1/2 | 5 1/8 | 6 1/8 |
| 2 | 1 | 7 1/2 | 6 1/8 | 7 1/8 |
| | 1 1/2 | 8 1/2 | 7 1/8 | 8 1/8 |
| | 2 | 9 1/2 | 8 1/8 | 9 1/8 |
| | 2 1/2 | 10 1/2 | 9 1/8 | 10 1/8 |
| | 3 | 11 1/2 | 10 1/8 | 11 1/8 |

Note: Diffuser ID lengths 1/4" undersized nominal. Metal plenum manufactured to nominal dimensions. If duct opening is 48", plenum will be 48" and diffuser will be 47-3/4".

LINEAR AIR BAR DIFFUSER Standard Features:

- Air bar diffuser with versatile airflow capability
- Surface mount frame style with 1 3/4" flange. Countersunk mounting holes for flush appearance with flanged end caps and color matching Philips Pozidriv screws
- Allows for higher volume airflow while minimizing pressure loss
- Minimum length 12"
- Unlimited continuous sections available with butt joints
- Soft White

Manufacturing Requirements:

Length _____ feet _____ inches

Supply – Adjustable split 2-piece Air Gate controllers for directional air volume control (LAB-T4-S)

Return – less Air Gates (LAB-T4-R)

Number of slots: 1 2

Slot Width: 1" 1 1/2" 2" 2 1/2" 3"

Options:

- Flat end caps
- 90° Mitered corners

Finishes:

- Soft White
- Mill Finish
- Driftwood Tan
- Designer Color _____

METAL PLENUM Standard Features:

- 24 gauge galvanized steel plenum
- Minimum length 12" and maximum single piece length is 6'
- Metal plenum ships separately from diffuser and requires field assembly

Manufacturing Requirements:

Short Distribution Plenum – SDP (standard, height set at 9")

Distribution Plenum – DP (height = inlet diameter + 4")

Internal insulation: 1/2" fiberglass (std) – L 1/2" fiberglass w/foil back– LEX Closed cell – C

External insulation: 1/2" fiberglass w/foil back (std) – EX 1" fiberglass – 1" – EX1

No insulation – N

Oval inlet sizes: 5" 6" 7" 8" 10" 12" 14" 16" (SDP and DP)

Round inlet sizes: 5" 6" 7" 8" 10" 12" 14" 16" (DP only)

No inlet (SDP and DP)

Options:

- Rod controlled damper
- Twist controlled damper
- Cord controlled damper
- Perforated steel baffle* – Type A - #69
- Solid steel baffle* – Type B - #70

*Optional performance baffles improve comfort in short throw applications by widening the spread of the discharge air

Additional Information:

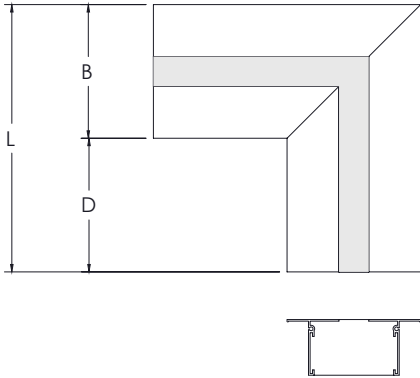
Submittal Notes

| | |
|---------------------|--|
| Project / Location: | |
| Engineer: | |
| Architect: | |
| Contractor: | |

Commercial Submittal

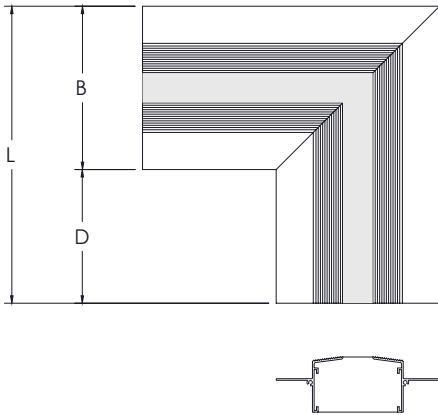
Mitered Corner Linear Air Bar (1 Slot Configuration)

LAB Mitered Corner
 1 Slot Types 2, 4



| Dimensions (in inches) | | | |
|------------------------|-----|-------|-------|
| Type 2, 4 | | | |
| SLOT WIDTH | (L) | (B) | (D) |
| 1 | 9 | 4 1/2 | 4 1/2 |
| 1 1/2 | 9 | 5 | 4 |
| 2 | 9 | 5 1/2 | 3 1/2 |
| 2 1/2 | 9 | 6 | 3 |
| 3 | 9 | 6 1/2 | 2 1/2 |

LAB Mitered Corner
 1 Slot Type 3



| Dimensions (in inches) | | | |
|------------------------|-----|-------|-------|
| Type 3 | | | |
| SLOT WIDTH | (L) | (B) | (D) |
| 1 | 10 | 5 1/2 | 4 1/2 |
| 1 1/2 | 10 | 6 | 4 |
| 2 | 10 | 6 1/2 | 3 1/2 |
| 2 1/2 | 10 | 7 | 3 |
| 3 | 10 | 7 1/2 | 2 1/2 |

Additional Information:

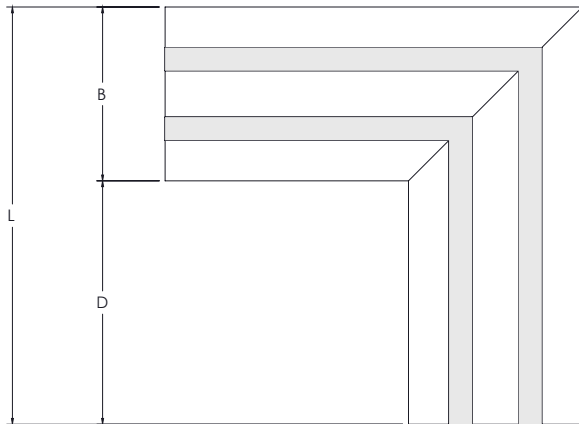
Submittal Notes

| | |
|---------------------|--|
| Project / Location: | |
| Engineer: | |
| Architect: | |
| Contractor: | |

Commercial Submittal

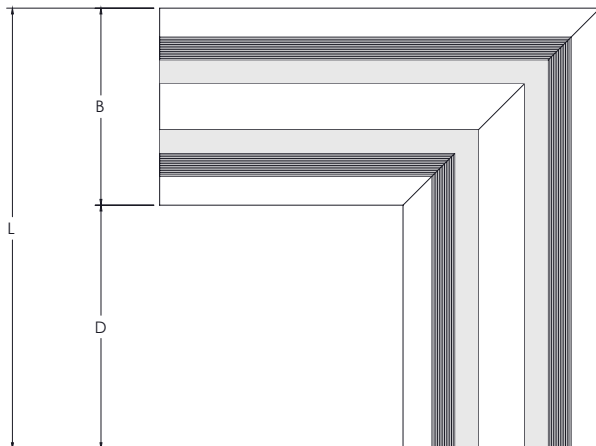
Mitered Corner Linear Air Bar (2 Slot Configuration)

LAB Mitered Corner
 2 Slot Types 2, 4



| Dimensions (in inches) | | | |
|------------------------|-----|--------|--------|
| Type 2, 4 | | | |
| SLOT WIDTH | (L) | (B) | (D) |
| 1 | 18 | 7 1/2 | 10 1/2 |
| 1 1/2 | 18 | 8 1/2 | 9 1/2 |
| 2 | 18 | 9 1/2 | 8 1/2 |
| 2 1/2 | 18 | 10 1/2 | 7 1/2 |
| 3 | 18 | 11 1/2 | 6 1/2 |

LAB Mitered Corner
 2 Slot Type 3



| Dimensions (in inches) | | | |
|------------------------|-----|--------|--------|
| Type 3 | | | |
| SLOT WIDTH | (L) | (B) | (D) |
| 1 | 19 | 8 1/2 | 10 1/2 |
| 1 1/2 | 19 | 9 1/2 | 9 1/2 |
| 2 | 19 | 10 1/2 | 8 1/2 |
| 2 1/2 | 19 | 11 1/2 | 7 1/2 |
| 3 | 19 | 12 1/2 | 6 1/2 |

Additional Information:

Submittal Notes

| | |
|---------------------|--|
| Project / Location: | |
| Engineer: | |
| Architect: | |
| Contractor: | |