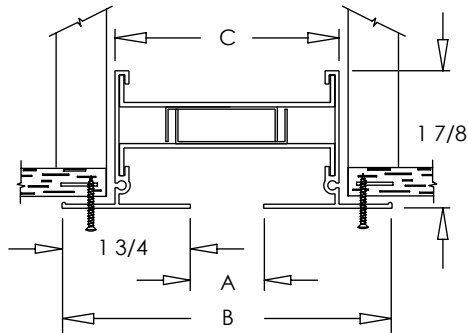
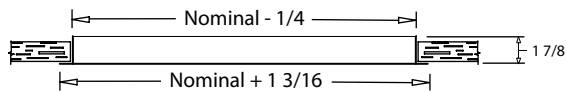
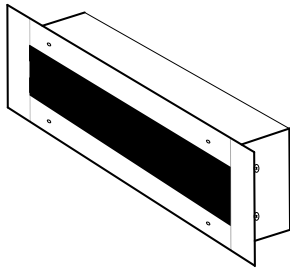


Linear Air Bar Diffuser Submittal

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 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 (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:

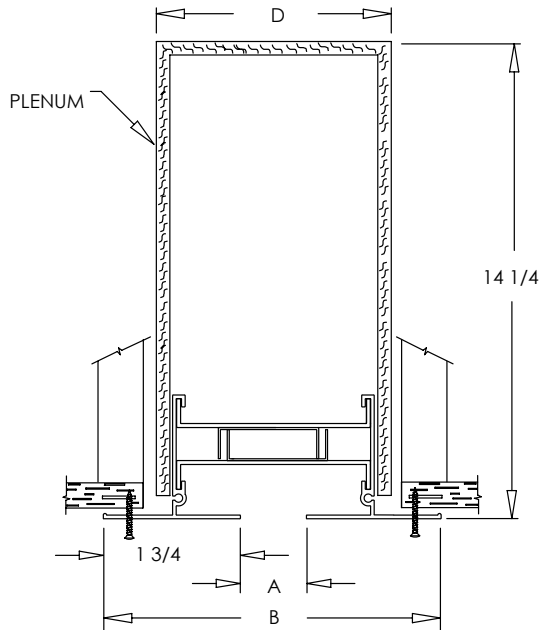
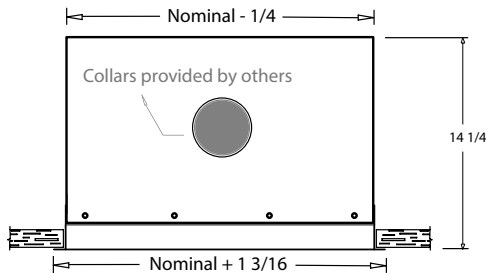
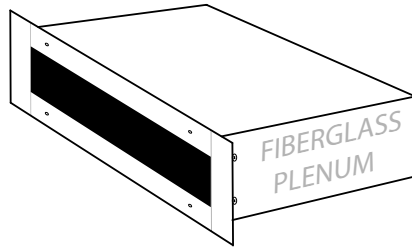
Architect:

Contractor:

Linear Air Bar Diffuser Submittal

Surface Mount Frame with Fiberglass Plenum (Type 4)

MODEL: LAB-T4-FP



LAB-T4-FP
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
- 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
	3	6 1/2	6 1/8
2	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:

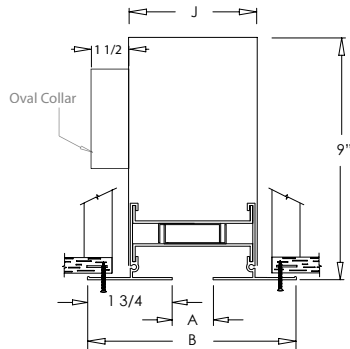
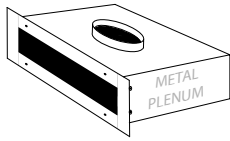
Architect:

Contractor:

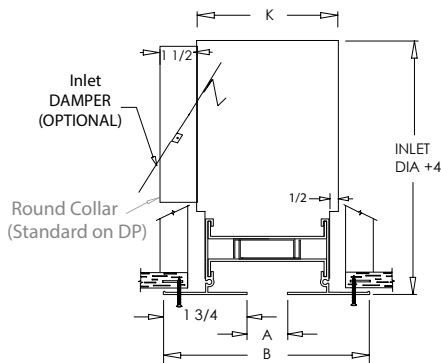
Linear Air Bar Diffuser Submittal

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:

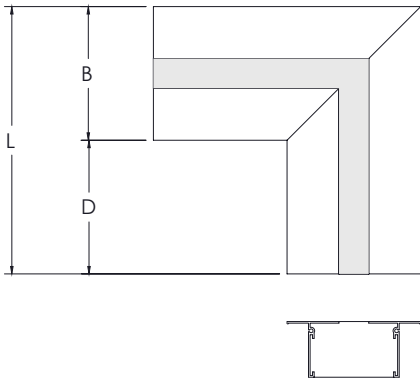
Architect:

Contractor:

Commercial Submittal

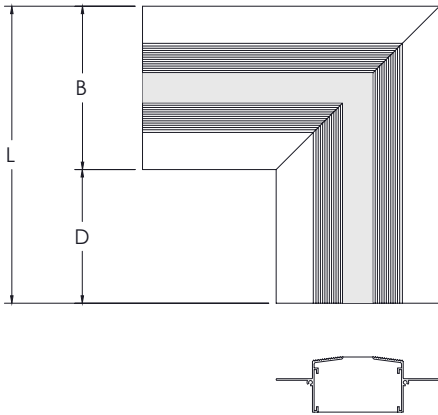
Mitered Corner Linear Air Bar (1 Slot Configuration)

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:

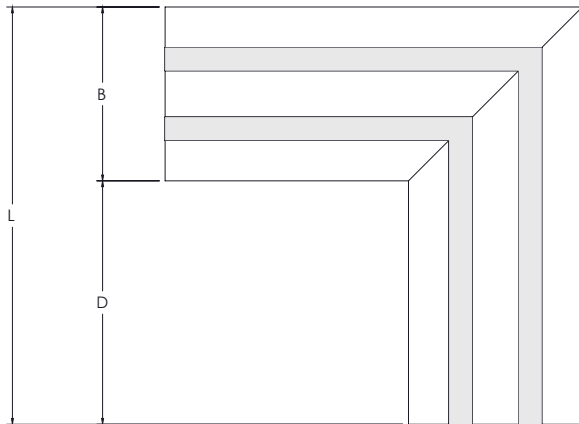
Architect:

Contractor:

Commercial Submittal

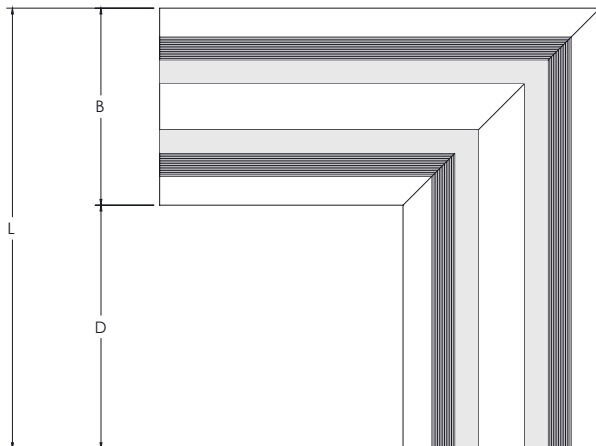
Mitered Corner Linear Air Bar (2 Slot Configuration)

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: