

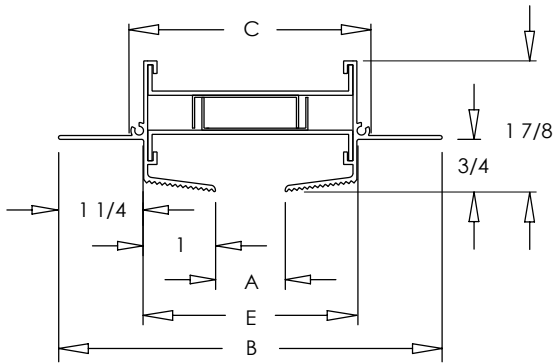
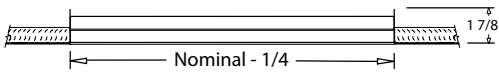
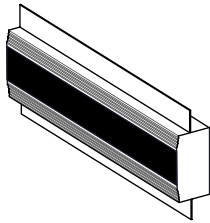


CSW Industrials Companies

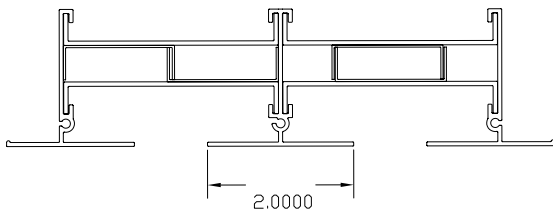
# Linear Air Bar Diffuser Submittal

## Tape & Mud Frame – Diffuser Only (Type 3)

MODEL: LAB-T3-DO



LAB-T3-DO  
Tape and mud



LAB with 2 slots

### Standard Features:

- Air bar diffuser with versatile airflow capability
- Tape & Mud flange for frameless and flush installation
- 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-T3-S)

Return – less Air Gates (LAB-T3-R)

Number of slots: 1 2

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

### Options:

90° Mitered corners

### Finishes: For LAB with 1 slot, only Soft White or Mill Finish is an available finish.

#### 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)	OPENING WIDTH (E)
1	1	5 1/2	3 1/2	3 1/8
	1 1/2	6	4	3 5/8
	2	6 1/2	4 1/2	4 1/8
	2 1/2	7	5	4 5/8
	3	7 1/2	5 1/2	5 1/8
2	1	8 1/2	6 1/2	6 1/8
	1 1/2	9 1/2	7 1/2	7 1/8
	2	10 1/2	8 1/2	8 1/8
	2 1/2	11 1/2	9 1/2	9 1/8
	3	12 1/2	10 1/2	10 1/8

Note: ID lengths 1/4" undersized nominal

### Additional Information:

### Submittal Notes

Project / Location:

Engineer:

Architect:

Contractor:

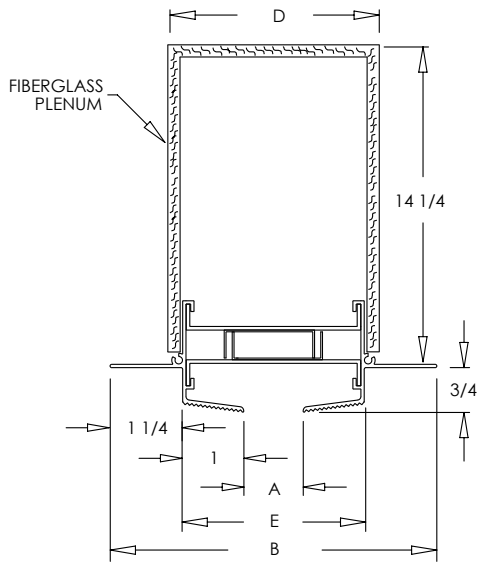
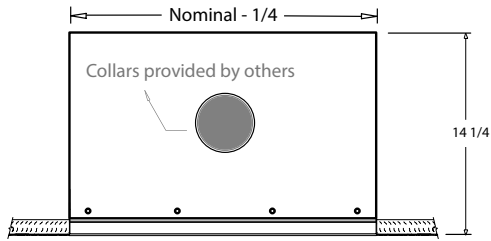
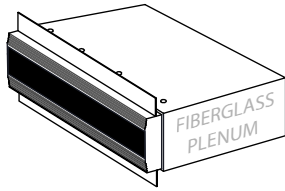


CSW Industrials Companies

# Linear Air Bar Diffuser Submittal

## Tape & Mud Frame with Fiberglass Plenum (Type 3)

MODEL: LAB-T3-FP



LAB-T3-FP  
Tape and mud

### Standard Features:

- Air bar diffuser with versatile airflow capability
- Tape & Mud flange for frameless and flush installation
- 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-T3-S)

Return – less Air Gates (LAB-T3-R)

Number of slots: 1 2

Slot Width: 1" 1½" 2" 2½" 3"

### Options:

90° Mitered corners

### Finishes: For LAB with 1 slot, only Soft White or Mill Finish is an available finish.

#### 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)	PLENUM WIDTH (D)	OPENING WIDTH (E)
1	1	5 1/2	4 1/8	3 1/8
	1 1/2	6	4 5/8	3 5/8
	2	6 1/2	5 1/8	4 1/8
	2 1/2	7	5 5/8	4 5/8
	3	7 1/2	6 1/8	5 1/8
2	1	8 1/2	7 1/8	6 1/8
	1 1/2	9 1/2	8 1/8	7 1/8
	2	10 1/2	9 1/8	8 1/8
	2 1/2	11 1/2	10 1/8	9 1/8
	3	12 1/2	11 1/8	10 1/8

Note ID lengths 1/4" undersized nominal

### Note:

The Type 3 Tape and Mud Flange 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.

### Additional Information:

### Submittal Notes

Project / Location:	
Engineer:	
Architect:	
Contractor:	

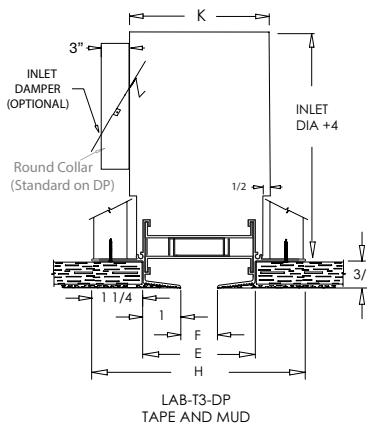
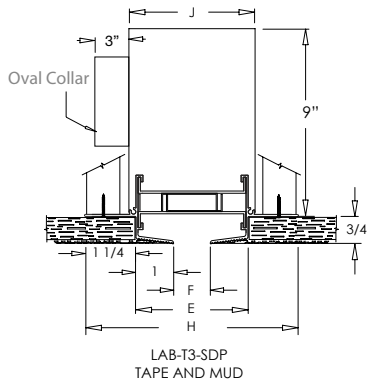
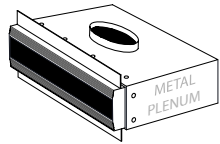


CSW Industrials Companies

# Linear Air Bar Diffuser Submittal

Tape & Mud Frame with Metal Plenum (Type 3)

MODEL: LAB-T3-SDP, LAB-T3-DP



## LINEAR AIR BAR DIFFUSER Standard Features:

- Air bar diffuser with versatile airflow capability
- Tape & Mud flange for frameless and flush installation
- 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-T3-S)

Return – less Air Gates (LAB-T3-R)

Number of slots: 1 2

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

## Options:

**Finishes: For LAB with 1 slot, only Soft White or Mill Finish is an available finish.**

90° Mitered corners

Soft White

Mill Finish

Driftwood Tan

Designer Color \_\_\_\_\_

## METAL PLENUM Standard Features:

- 24 gauge galvanized steel plenum
- Minimum length 1' and maximum single piece length is 6'
- Metal plenum requires field assembly to connect to the diffuser

## Manufacturing Requirements:

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

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

Internal insulation: 1/2" fiberglass (std)

No insulation

Oval inlet sizes: 5" 6" 7" 8" 10" 12" 14" 16"

Round inlet sizes (SDP): 5" 6"

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

No inlet (DP with no inlet will have a standard height of 14")

## Options:

Twist controlled damper

### Dimensions (in inches)

# OF SLOTS	SLOT WIDTH (F)	OVERALL WIDTH (H)	SDP WIDTH (J)	DP WIDTH (K)	OPENING WIDTH (E)
1	1	5 1/2	3 3/4	4 3/4	3 1/8
	1 1/2	6	4 1/4	5 1/4	3 5/8
	2	6 1/2	4 3/4	5 3/4	4 1/8
	2 1/2	7	5 1/4	6 1/4	4 5/8
	3	7 1/2	5 3/4	6 3/4	5 1/8
2	1	8 1/2	6 3/4	7 3/4	6 1/8
	1 1/2	9 1/2	7 3/4	8 3/4	7 1/8
	2	10 1/2	8 3/4	9 3/4	8 1/8
	2 1/2	11 1/2	9 3/4	10 3/4	9 1/8
	3	12 1/2	10 3/4	11 3/4	10 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".

## Install Notes:

Metal Plenum must be installed before the diffuser is installed. The Type 3 Tape and Mud Flange 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.

## Additional Information:

## Submittal Notes

Project / Location:

Engineer:

Architect:

Contractor:

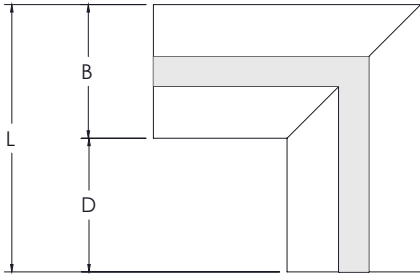


CSW Industrials Companies

# Commercial Submittal

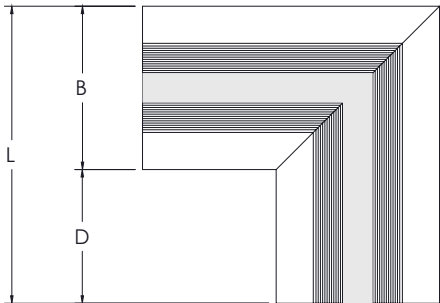
## Mitered Corner Linear Air Bar (1 Slot Configuration)

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:	

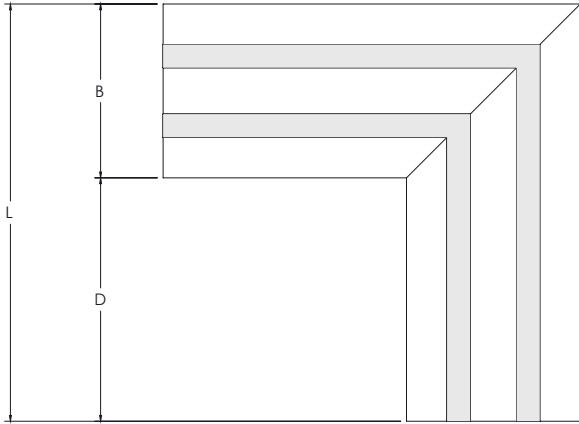


CSW Industrials Companies

# Commercial Submittal

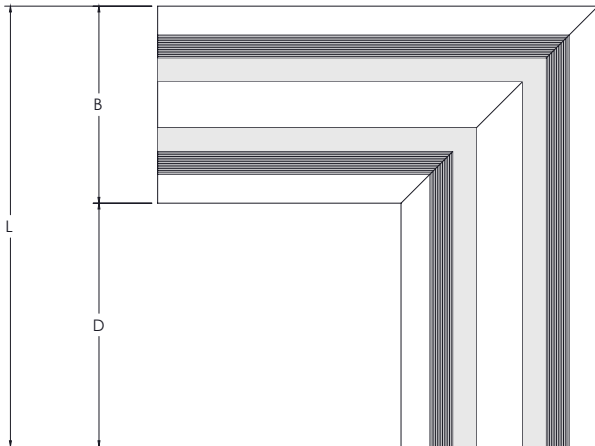
## Mitered Corner Linear Air Bar (2 Slot Configuration)

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:	