



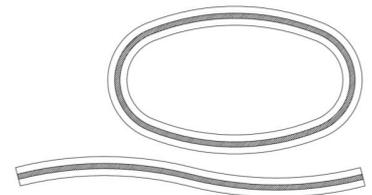
Ordering Procedure

Y-20.5-OP 02-24-11

FlowBar Linear Custom Curving

Date: _____
 Company: _____
 Salesperson: _____
 Job Name: _____
 Customer PO#: _____
 SDA#: _____

FlowBar Linear Line #: _____
 FlowBar Plenum Line#: _____
 Tag: _____
 Quantity: _____



FlowBar Linear Basic Data

PART I

SECTION 1 -- What is the Model?

Model	Slot Width	Slot Type
FL-10	1.0"	1-Slot
FL-15	1.5"	2 CRA
FL-20	2.0"	2 CRB
FL-25	2.5"	2 CRN
FL-30	3.0"	

SECTION 2 -- Where is the Diffuser Mounted?

- .. Flat Ceiling or Flat Arched Side Wall
- .. Concave Side Wall or Arched Ceiling
(Curved with face towards center)
- .. Convex Side Wall
(Curved with face away from center)

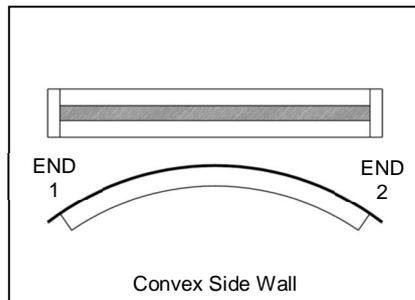
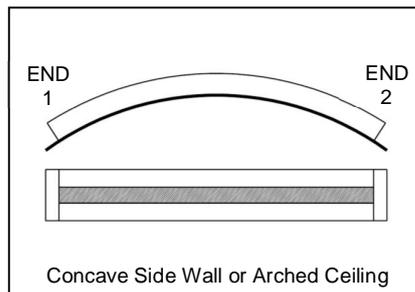
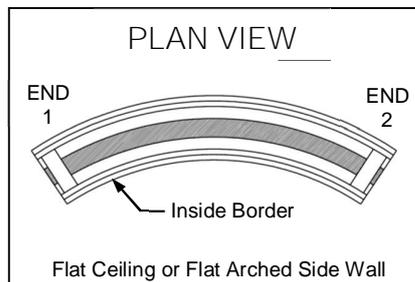
SECTION 3 -- What is the Border Type?

3A. Inside of ceiling mount or bottom side of wall mount	3B. Outside of ceiling mount or top side of wall mount.
.. 1	.. 1
.. 2	.. 2
.. 3	.. 3
.. 4	.. 4
.. 5	.. 5
.. 6	.. 6
.. 7*	.. 7*

* Border 7 is the same extrusion as Border 6. Border 7 includes hardware for concealed fastening.

SECTION 4 -- What is the End Type?

End 1 Type	End 2 Type
.. X – End Border	.. X – End Border
.. Y – Open End	.. Y – Open End
.. Z – End Cap	.. Z – End Cap

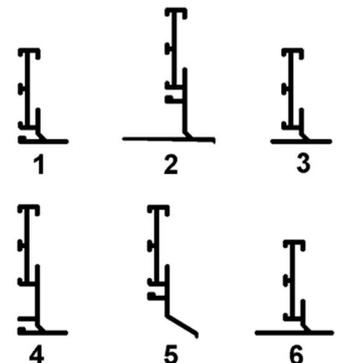
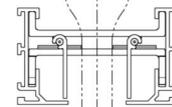
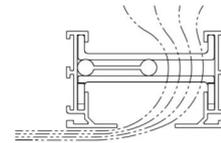


SECTION 5 -- Pattern Controllers

- .. High Throw
- .. Jet Throw

Note:

1. Jet Throw pattern controllers may not be adjustable.
2. High Throw pattern controller will be oriented toward center of radius and as radius becomes smaller pattern controllers become less adjustable.



FlowBar Linear Curving Data

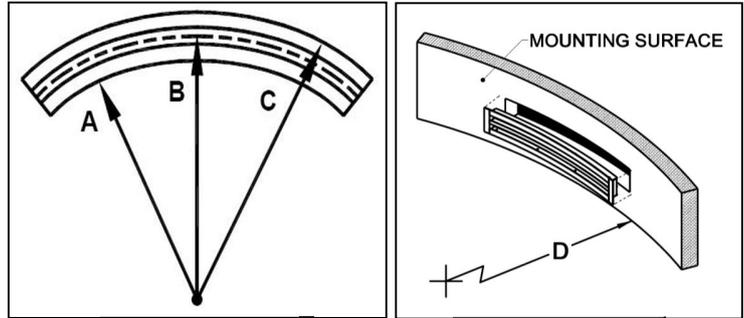
PART II

Drawing must be attached. (See page 5 for drawing area)

SECTION 1

Where is the radius measured?

- .. A. Inside edge of Inside Border
- .. B. Centerline of Unit
- .. C. Outside edge of Outside Border
- .. D. Mounting Surface (Sidewall / Arched Ceiling)



Flat Ceiling

Side Wall

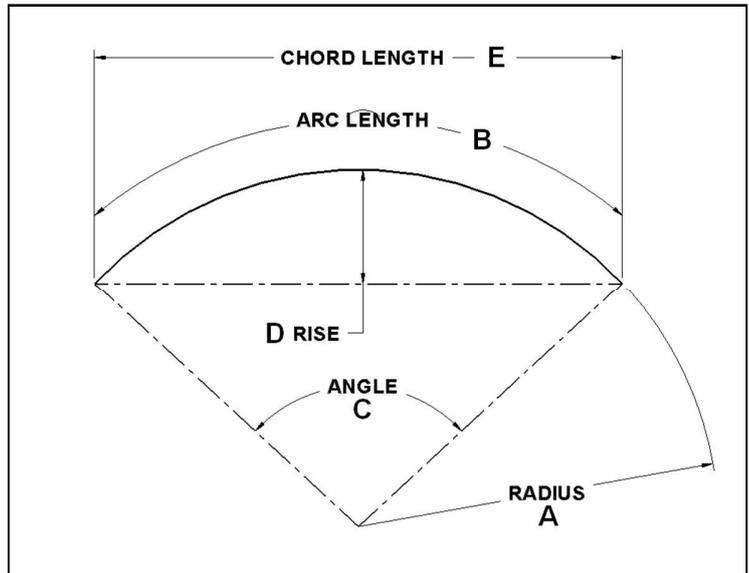
SECTION 2

Specify the Curve

Note: All dimensions represent slot length in FlowBar and do not include end caps or end-borders.

Specify any two of the following:

- .. A. Radius = _____ inches
Min Radius Border = 24"
- .. B. Arc Length = _____ inches
(Arc length along radius selected in Section 1)
- .. C. Angle = _____ degrees
(Length to be determined by Titus)
- .. D. Rise = _____ inches
(Length to be determined by Titus)
- .. E. Chord Length = _____ inches
(Length to be determined by Titus)



NOTES:

1. Each radius with different dimensions requires a unique line item and corresponding custom curving order form.
2. Maximum curved radius sections will be approximately 120 inches long. Anything longer than 120 inches may be in multiple sections.
3. Titus will determine section lengths. If you have special lengths, enter as separate line items.
4. All Titus fabrication drawings for curved units will be submitted for customer approval prior to release for fabrication.
5. All information must be filled out before drawings will be created.
6. Drawings must be approved by representative prior to release to production.
7. Special consideration must be made when butting two curved diffusers together with different radii. The slots and extrusions may not be perfectly aligned.

FlowBar Plenums

Part III

SECTION 1

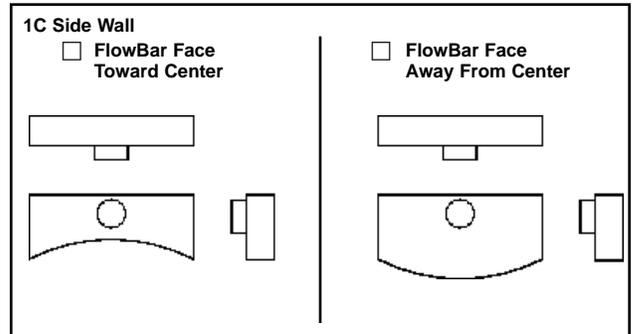
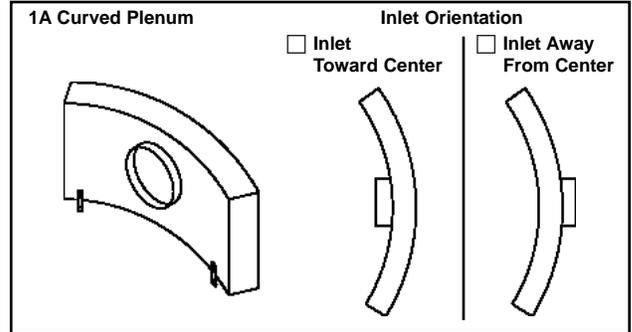
What type of Plenum do you require?

- A. Curved Plenum
This plenum is curved to the radius of the FlowBar linear unit. 1/2 inch minimum clearance is required.
Advise inlet orientation.

- C. Side Wall

- D. None

Note: Plenums can not cross two different radius.



SECTION 2

Specify quantity of plenums on the standard order form.