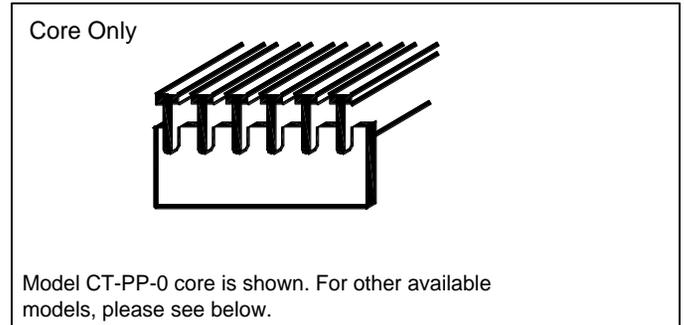
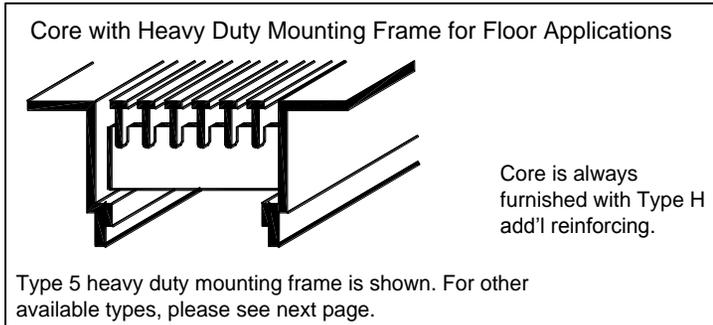
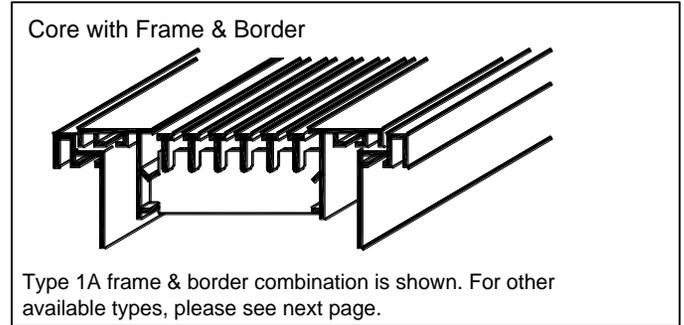
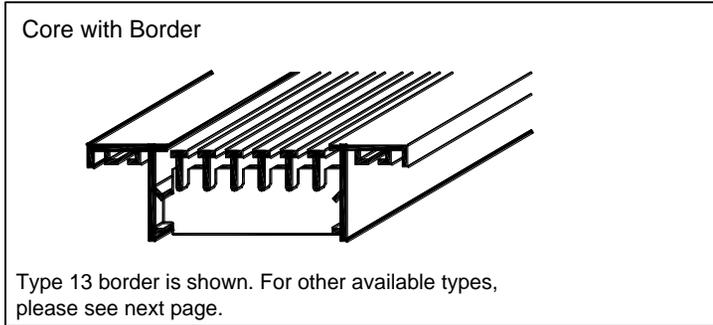
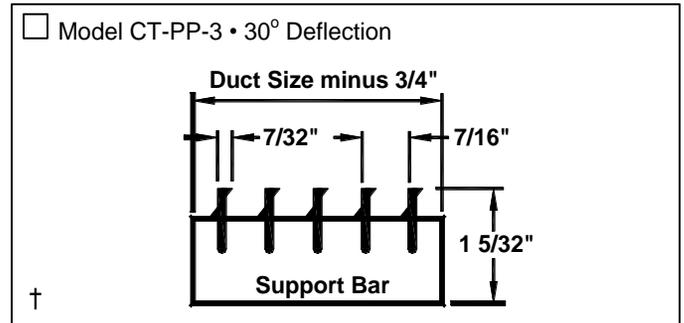
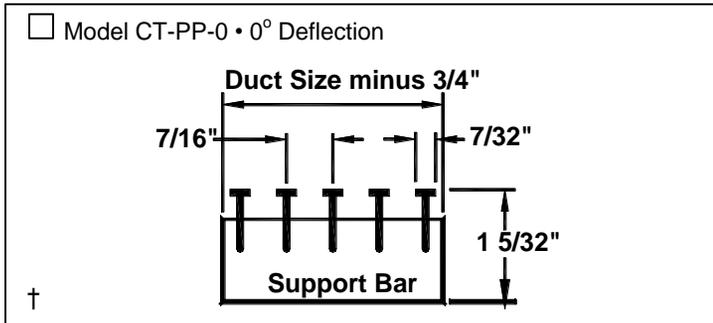


Linear Bar Diffusers Aluminum • Fixed Bars • Pencil Proof

Models: CT-PP-0 • 7/16" Spacing • 7/32" Bars • 0° Deflection
CT-PP-3 • 7/16" Spacing • 7/32" Bars • 30° Deflection

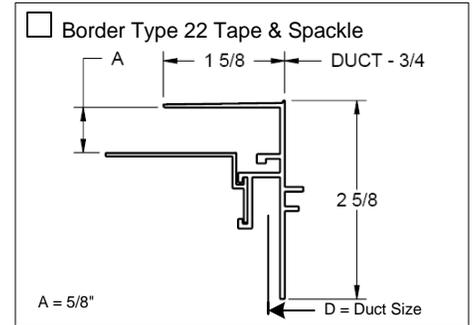
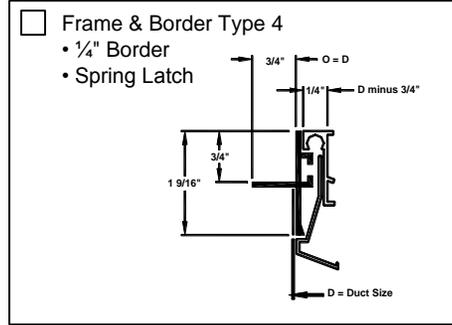
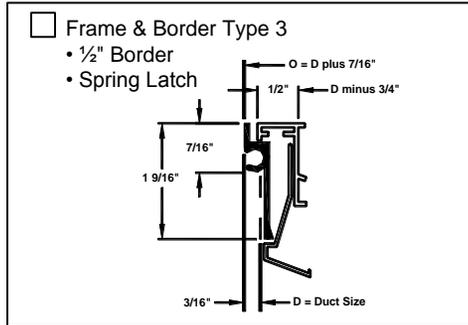
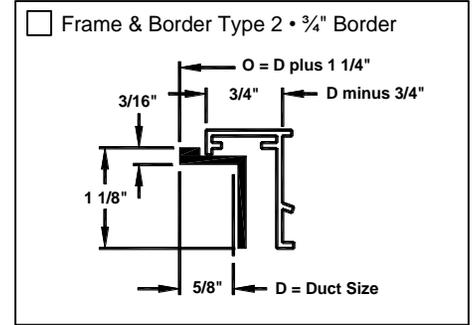
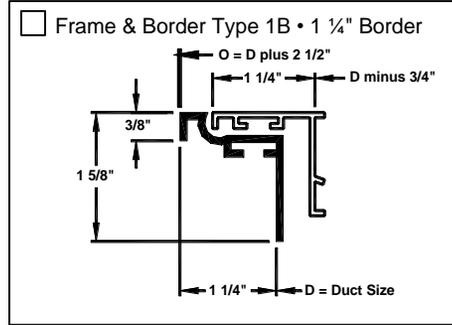
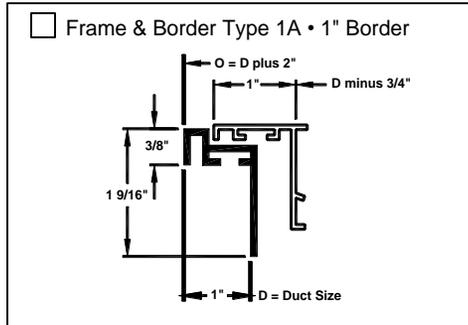


Available Cores Check if provided.

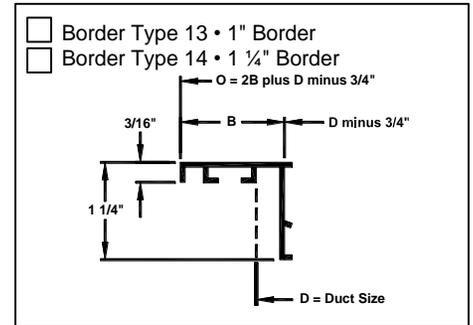
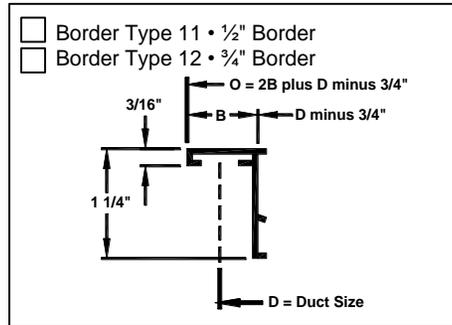
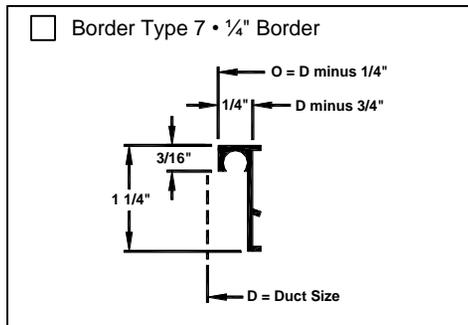


Note: † Not recommended for floor applications with heavy loads or high traffic.
If placing furniture on cores, furniture legs should be a minimum of core spacing plus two bars wide to avoid placing a horizontal load on core.

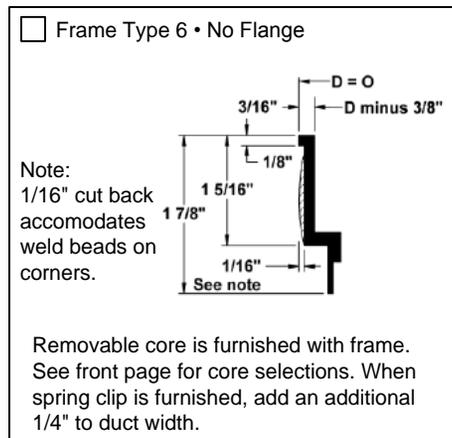
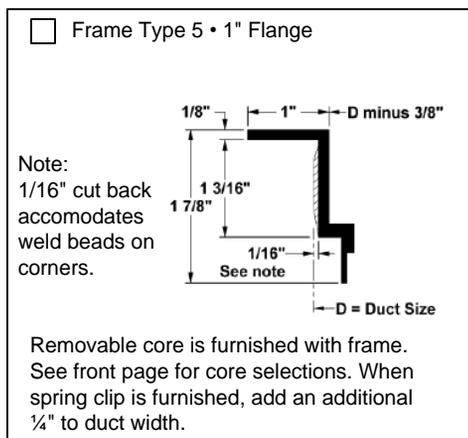
Frame & Border Types • Dimensions Check if provided.



Border Types • Dimensions Check if provided.



Heavy Duty Mounting Frames for Floor Applications Check if provided.
(See submittal D-CT-HD for loading limitations.)



Core Only (No Frame, No Border) Type CO

Overall Length and Widths for Various Frame & Border Types

Border Types (Type 11 shown)

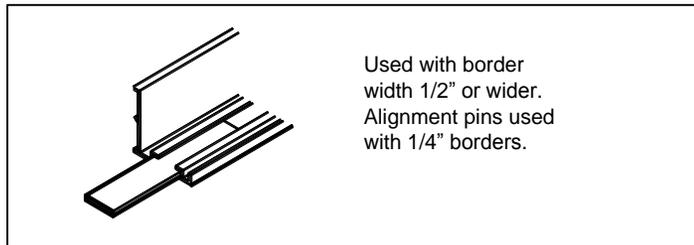
Type	F Border Length	O Overall Length	C Core Opening Length
5	D	D plus 1 5/8	D minus 3/8
6	D	D	D minus 3/8
7	D minus 5/8	D minus 1/4	D minus 3/4
11	D minus 5/8	D plus 1/4	D minus 3/4
12	D minus 5/8	D plus 3/4	D minus 3/4
13	D minus 5/8	D plus 1 1/4	D minus 3/4
14	D minus 5/8	D plus 1 3/4	D minus 3/4
22	D minus 5/8	D plus 2 1/2	D minus 3/4

Dimensions are for length or width.

Standard Core Width Information

Duct Size D	1/4" Spacing		1/2" or 7/16" Spacing	
	Core Opening C	Number of Bars	Core Opening C	Number of Bars
2	1 1/4	3	1 1/4	2
2 1/2	1 3/4	5	1 3/4	3
3	2 1/4	7	2 1/4	4
3 1/2	2 3/4	9	2 3/4	5
4	3 1/4	11	3 1/4	6
5	4 1/4	15	4 1/4	8
6	5 1/4	19	5 1/4	10

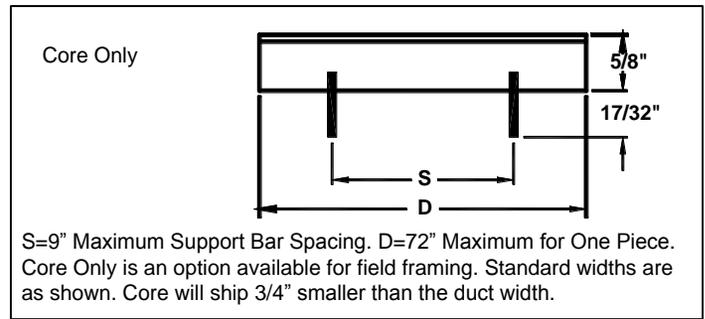
Alignment Strips



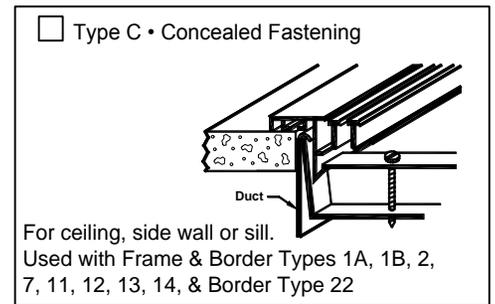
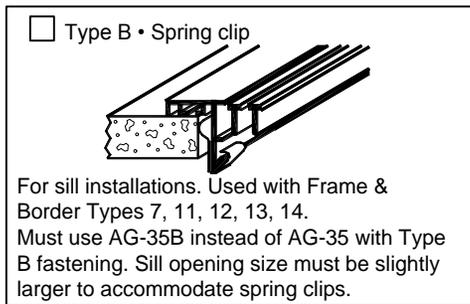
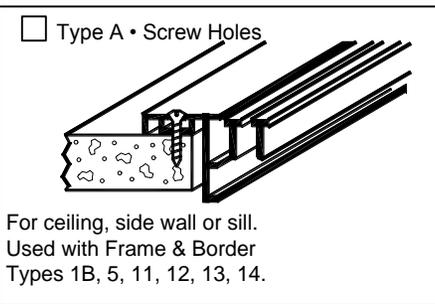
Frame & Border Types (Type 1A & 1B shown)

Type	F Border Length	O Overall Length	C Core Opening Length
1A	D	D plus 2	D minus 3/4
1B	D	D plus 2 1/2	D minus 3/4
2	D	D plus 1 1/4	D minus 3/4
3	D	D plus 7/16	D minus 3/4
4	D	D	D minus 3/4

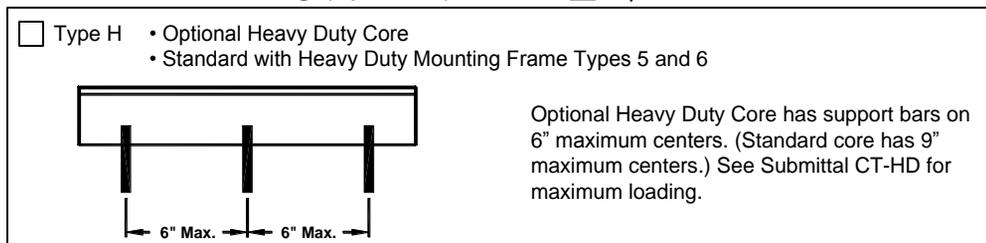
Dimensions are for length or width.



Available Fastenings Check if provided.



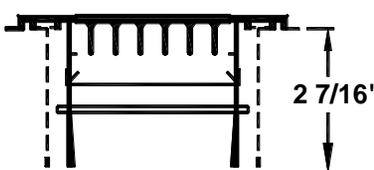
Additional Reinforcing (optional) Check if provided.



All dimensions are in inches.

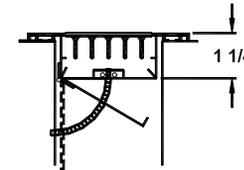
Additional Reinforcing (optional) Check if provided.

Model 07 Directional Blades



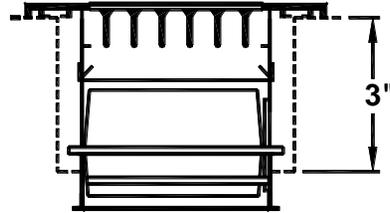
For all widths of Model CT diffusers 3" or greater. Cannot be attached to Frame & Border Types 3 and 4. Can be used with Type 5 and 6 if Type B Spring Clip Fastening is omitted.

Model AG-30 Single Blade Damper



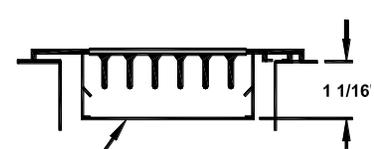
For Model CT diffuser widths 1 1/2 through 4". Friction hinge on 1 1/2" and 2" widths. Screwdriver operator on 2 1/2" through 4". Cannot be attached to Frame & Border Types 3, 4, 5, or 6. For those types use Model AG-35B damper on diffusers 3" and wider.

Model AG-35 Opposed Damper



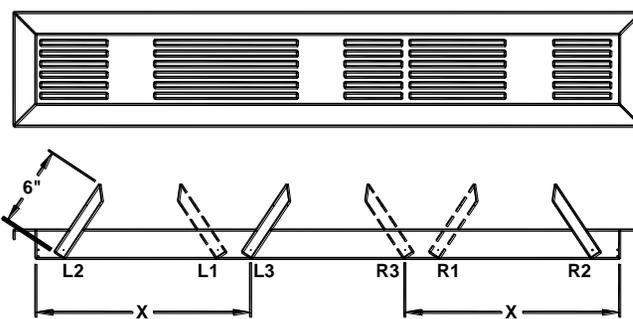
For Model CT diffusers 3" and wider. Cannot be attached to Frame & Border Types 3 and 4. Use Model AG-35 B damper for those types. Note: Minimum duct width is 3".

Model BLKS Steel Blank-Off



For all widths of Model CT diffusers. Furnished in 6 foot lengths for field cutting and installation. Steel, painted flat black.

Model AD Access Door (Not available on Types 3, 4 5, 6 and 22)



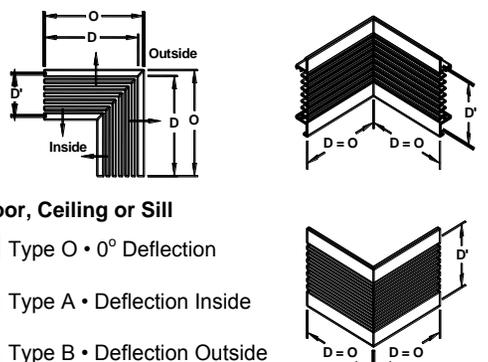
Note: Maximum Length is 6 Feet

Specify Dimension X

Optional Mitered Corners

MC-PP-0 • 7/16" Spacing • 7/32" Bars • 0° Deflection

MC-PP-3 • 7/16" Spacing • 7/32" Bars • 30° Deflection



Floor, Ceiling or Sill

Type O • 0° Deflection

Type A • Deflection Inside

Type B • Deflection Outside

Type C • Side Wall, Inside

Type D • Side Wall, Outside

Duct Width D'	Duct Length D	Frame & Border Type												
		1A	1B	2	3	4	5	6	7	11	12	13	14	CO
2 - 4	12	12 15/16	13 3/16	12 5/8	12 3/16	12	12 13/16	12	11 7/8	12 1/8	12 3/8	12 5/8	12 7/8	12
4 1/2 - 6	18	18 15/16	19 3/16	18 5/8	18 3/16	18	18 13/16	18	17 7/8	18 1/8	18 3/8	18 5/8	18 7/8	18

Standard Finish: #26 White

General Description

- TITUS linear bar diffusers are designed for both supply and return applications.
- Standard lengths are 1, 2, 3, 4, 5 and 6 feet, furnished as complete, welded assemblies.
- Lengths greater than 6 feet are furnished in multiple sections, the number and size determined by the factory.
- Sections can be joined end-to-end for continuous appearance, using standard alignment strips or alignment pins.
- All deflection bars are fixed and are parallel to the long dimension.
- Fixed Bars are extruded aluminum.
- Border Types 5 and 6 are the only frame styles available for floor applications.

This submittal is meant to demonstrate general dimensions of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale. Titus

reserves the right to make changes without written notice.