

**DESCRIPTION:**

B21 : Supply type one way stamped curved blade face. One way deflection.

MATERIAL:

Steel construction.

FUNCTION:

- It is used for supply application in air ventilation systems.
- 1/2" spacing lanced face
- Multi-shutter damper
- Riveted damper
- Steel handle operator

FINISHING:

Standard white colors are RAL 9010 and RAL 9016 . Other colors are available.

INSTALLATION:

- Countersunk mounting holes.
- 2" long zip screws
- System plate spring is used if no hole is requested on the frame.

ACCESSORIES:

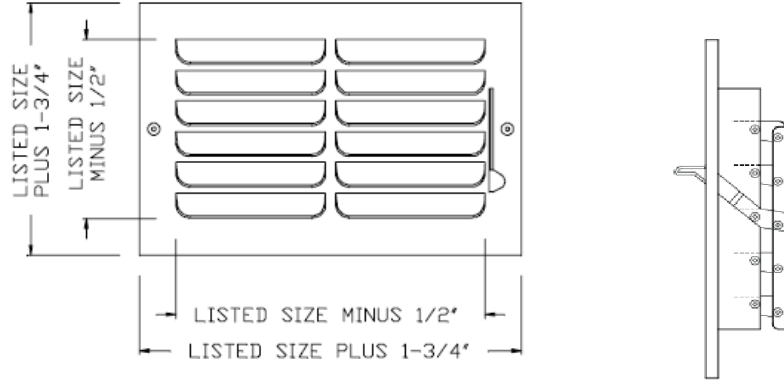
- If desired, it is possible to add a damper to adjust the amount of air to be collected.

PKD: Parallel Blade Damper

- PK: Plenum Box



STANDARD LISTED SIZES:



Height	Width				
	6"	8"	10"	12"	14"
4"		X	X		X
6"	X	X	X	X	X
8"			X	X	X
10"			X		
12"				X	

* Other sizes available upon request



1 Way Curved Blade Stamped Face Grille Performance Table:

CFM	Outlet Size	8" x 4"	10" x 4"	12" x 4"	8" x 6"	10" x 6"	12" x 6"
50	Neck Velocity	225	180	150	150		
	Ps	.002	.001	.001	.001		
	Throw	13	12	11	11		
100	Neck Velocity	450	360	300	300	240	200
	Ps	.007	.003	.002	.003	.002	.001
	Throw	21	20	19	19	17	16
150	Neck Velocity		540	450	450	360	300
	Ps		.008	.005	.005	.003	.002
	Throw		26	24	24	23	21
200	Neck Velocity			600	600	480	400
	Ps			.010	.010	.006	.003
	Throw			30	30	28	26
250	Neck Velocity					600	500
	Ps					.010	.005
	Throw					32	30
300	Neck Velocity						600
	Ps						.008
	Throw						34

Performance Notes:

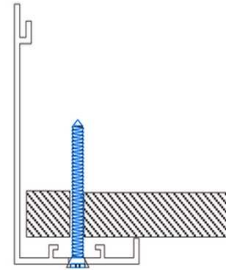
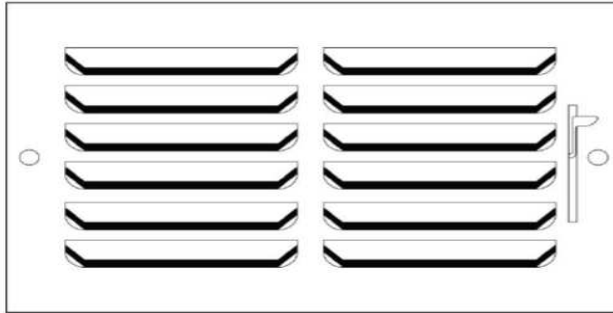
1. Neck Velocity: The neck velocity is in feet per minute.
2. Ps : Static pressure reading are in inches water gauge
3. Throw : Throw indicated are based on total number of feet of projected air when a terminal velocity of 50 feet per minute is reached. Values reflect side louver throw and center louver throw respectively. Throw should extend at least 75% of the distance from the face of the grille to the wall opposite the outlet. Throws are based on a 9 foot ceiling height.



MOUNTING DETAILS

Screw Mounting Details

- Countersunk mounting holes
- 2" long zip screws





ORDER CODES

B21	Y	28	PKD	RAL9010	VD	W 200X100
Y: Horizontal Blade D: Vertical Blade						W: Neck Size C: Frame Size
		22: Frame=22mm 28: Frame=28mm 32: Frame=32mm				00: without Mounting VD: Screw Mounting ST: Spring Mounting
000: without Damper PKD: Parallel Blade Damper						00: without coating EL: Satin Aluminium RAL----: Powder Coated RAL