

**DESCRIPTION:**

B23 : Supply type three way stamped curved blade face. Three 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:

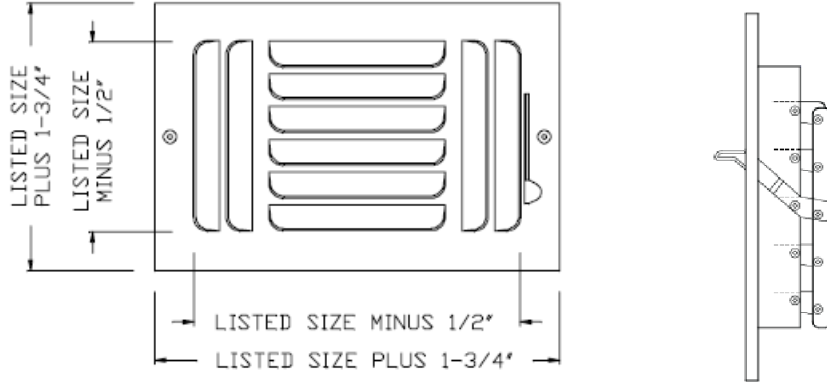
- If desired, it is possible to add a damper to adjust the amount of air to be collected.

PKD: Parallel Blade Damper

- PK: Plenum Box



STANDARD LISTED SIZES:



	Width				
Height	8"	10"	12"	14"	16"
4"	X	X			
6"	X	X	X	X	X
8"	X	X	X	X	
10"		X			
12"			X		
14"				X	

* Other sizes available upon request



3 Way Curved Blade Stamped Face Grille Performance Table:

CFM	Outlet Size	10" x 6"	8" x 8"	12" x 6"	10" x 8"	14" x 6"	12" x 8"
100	Neck Velocity	240	225	200	180	171	150
	Ps	.002	.001	.001	.001	.001	.001
	Throw	12 10	12 10	11 10	11 9	11 9	10 9
150	Neck Velocity	360	338	300	270	257	225
	Ps	.004	.003	.002	.002	.002	.001
	Throw	16 14	15 14	15 13	14 13	14 12	13 12
200	Neck Velocity	480	450	400	360	343	300
	Ps	.007	.005	.004	.004	.003	.002
	Throw	19 17	19 16	18 16	17 15	17 15	16 14
250	Neck Velocity		563	500	450	429	375
	Ps		.008	.007	.006	.005	.003
	Throw		22 19	21 18	20 18	20 17	19 17
300	Neck Velocity			600	540	514	450
	Ps			.010	.008	.007	.004
	Throw			24 21	23 20	22 20	21 19
350	Neck Velocity					600	525
	Ps					.010	.006
	Throw					25 22	24 21
400	Neck Velocity						600
	Ps						.010
	Throw						28 25

Performance Notes:

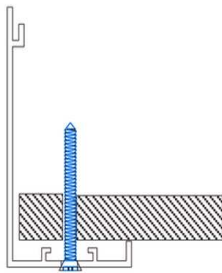
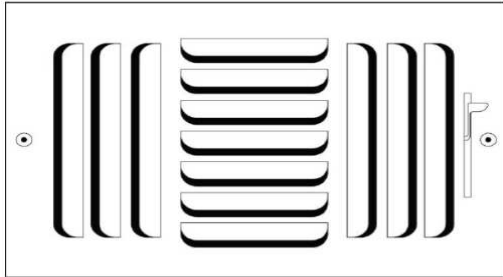
1. Neck Velocity: The neck velocity is in feet per minute.
2. Ps : Static pressure reading are in inches water gauge
3. Throw : Throw indicated are based on total number of feet of projected air when a terminal velocity of 50 feet per minute is reached. Values reflect side louver throw and center louver 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

B23		28	PKD	RAL9010	VD	W 200X100
						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