**DESCRIPTION:**

B14 : Supply type four way stamped grilles. Four way deflection.

MATERIAL:

Steel construction.

FUNCTION:

- It is used both for supply and return 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:

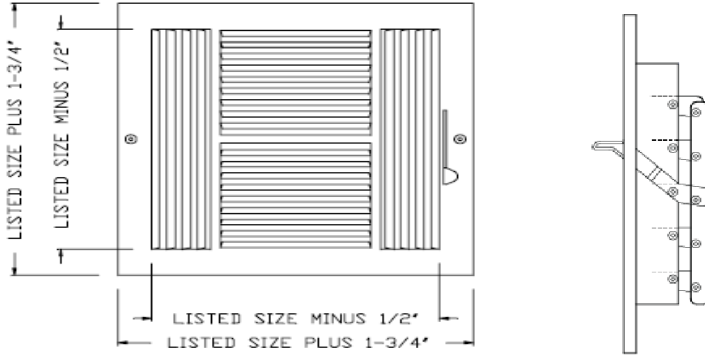
- If desired, it is possible to add a damper to adjust the amount of air to be collected.

PKD: Parallel Blade Damper

- PK: Plenum Box



STANDARD LISTED SIZES:



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

* Other sizes available upon request



4 Way Stamped Face Grille Performance Table:

CFM	Outlet Size	6" x 6"	8" x 8"	10" x 10"	12" x 12"
50	Neck Velocity	200			
	Ps	.004			
	Throw	5 4			
100	Neck Velocity	400	225		
	Ps	.018	.066		
	Throw	9 7	7 5		
150	Neck Velocity	600	338	216	
	Ps	.040	.014	.004	
	Throw	9 7	9 7	8 6	
200	Neck Velocity	800	450	238	225
	Ps	.072	.025	.007	.004
	Throw	14 11	11 8	10 7	9 7
250	Neck Velocity		563	360	250
	Ps		.038	.012	.006
	Throw		13 10	11 9	10 8
300	Neck Velocity		675	432	300
	Ps		.055	.017	.008
	Throw		15 11	13 10	11 9
350	Neck Velocity		787	504	350
	Ps		.075	.023	.011
	Throw		16 12	14 11	13 10
400	Neck Velocity		900	576	400
	Ps		.125	.038	.018
	Throw		20 15	17 13	15 11
450	Neck Velocity			648	450
	Ps			.047	.023
	Throw			18 14	16 12
500	Neck Velocity			720	500
	Ps			.057	.027
	Throw			20 15	17 13
550	Neck Velocity			792	550
	Ps			.067	.032
	Throw			21 16	18 14
600	Neck Velocity			864	600
	Ps			.079	.038
	Throw			22 16	19 15
700	Neck Velocity				700
	Ps				.044
	Throw				20 15

Performance Notes:

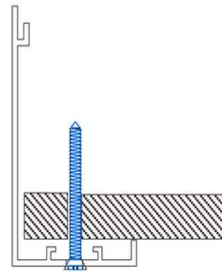
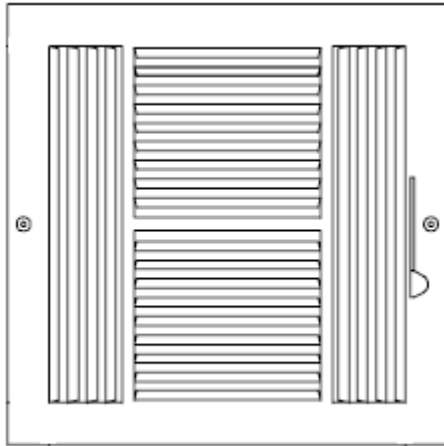
1. Neck Velocity: The neck velocity is in feet per minute.
2. Ps : Static pressure reading are in inches water gauge
3. Throw : Throw indicated are based on total number of feet of projected air when a terminal velocity of 50 feet per minute is reached. Values reflect side louver throw and center louver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

B14	28	PKD	RAL9010	VD	W 200X100
22: Frame=22mm 28: Frame=28mm 32: Frame=32mm		000: without Damper PKD: Parallel Blade Damper		W: Neck Size C: Frame Size 00: without Mounting VD: Screw Mounting ST: Spring Mounting 00: without coating EL: Satin Aluminium RAL----: Powder Coated RAL	