



Products of WB Air



WB Air

air distribution products

form function reliability



PERFORATED DIFFUSER

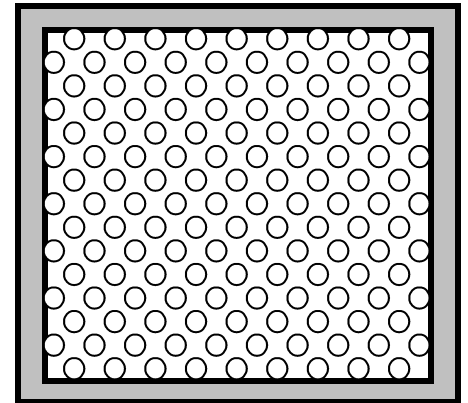


ALUMINUM PERFORATED GRILLE

MODEL : WB-PG

Product Description

The WB-PG is a ceiling mounted Supply or Return air grille. In modern architectural ,the integrity of the ceiling plays a vital role, these light weight grilles are versatile to play the role of both supply air and return air whilst matching various ceiling concepts. Be it high tech or simplicity ceilings, the WB-PG is becoming the answer for 'sightless' air distribution. Even a non ducted return grille can double up as an access panel .

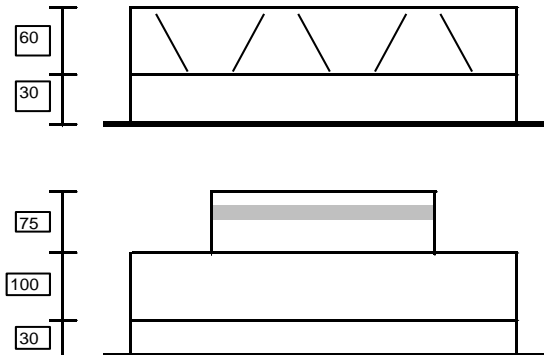


Finish

Material can be manufactured of aluminum, galvanised steel or stainless steel. For painted finishes, epoxy polyester powder coating is our standard .(standard for Galvanised steel)

Aluminum can be in mill finish or natural anodised clear finish.

Stainless steel 304 or 316 in matt or gloss finish .



Options

Model

PG-RS Removable core spring type model for pull-down retriever)

GDS opposed blade volume damper

ADR Transition piece from square to round

(can be incorporated with a fan damper at the collar . Model : Gdfan)

F Washable Filter media c/w aluminum frame

(can be rested and fastened on top of perforated plate for push-up retriever)

or (to be coupled with our removable core spring type model WB-PG-RS for pull-down retriever)

BB Internally insulated plenum box

ALUMINUM PERFORATED GRILLE

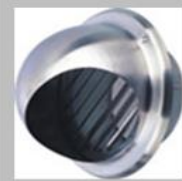
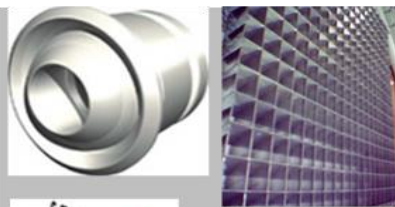
MODEL : WB-PG

Performance Data

Velocity		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
Face Size	Pressure Drop (Pa)	18	29	44	60	79	100	121	148	175	202	233
300x300	Air Qty(cmh)	130	185	230	265	310	360	405	450	495	540	585
	Throw (m)	3	4	5	6	8	10	12	14	16	18	20
	NR	10	17	24	28	33	35	38	43	46	48	50
400x400	Air Qty(cmh)	240	320	400	480	560	640	720	800	880	960	1040
	Throw (m)	3	4	5	7	9	11	13	15	17	19	21
	NR	12	20	25	30	35	39	43	46	49	50	54
600x300	Air Qty(cmh)	270	360	450	540	630	720	810	900	990	1080	1170
	Throw (m)	3	4	5	7	8	10	12	13	15	17	19
	NR	13	22	28	33	36	39	43	47	50	53	55

Velocity		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
Face Size	Pressure Drop (Pa)	8	18	29	44	60	79	100	121	148	175	202
600x600	Air Qty(cmh)	360	540	720	900	1080	1260	1440	1620	1800	1980	2160
	Throw (m)	3	3.8	5	6.3	7	8	10	11	13	14.5	16
	NR	10	19	25	32	36	39	44	47	51	54	56
1200x600	Air Qty(cmh)	720	1080	1440	1800	2160	2520	2880	3240	3600	3960	4320
	Throw (m)	3	4	5.3	6.6	8.3	9	10.5	11.6	12.9	14	15.5
	NR	15	24	30	36	39	45	48	52	55	58	60

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it's not just about superficial aesthetics, it's about a perfect unison of form, function and reliability



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The purchase should independently determine the suitability of the product for intended application. Thank you for choosing WB Air for your air distribution needs.