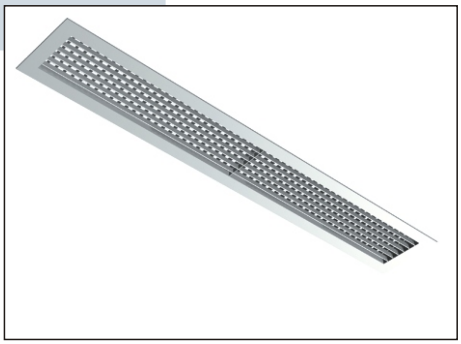
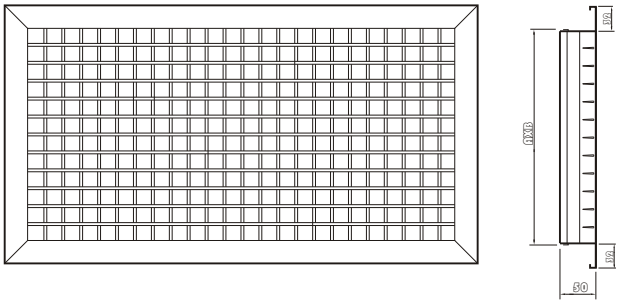
Double layer grille



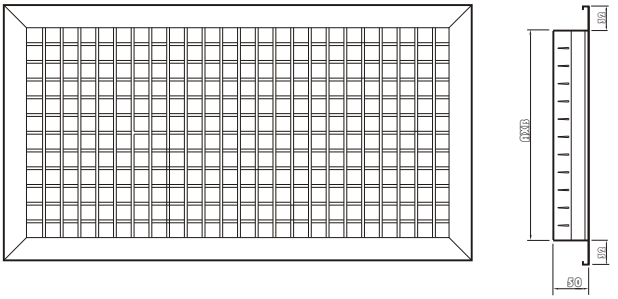
Characteristic:

1,The use of the adjustable double-layered vanes can bring different blowing distances and different angles of flare.
2,Use as inlet port
3,Be made of Aluminum or iron
4,Be used together with adjusting valve
5,With a sealed spongy gasket

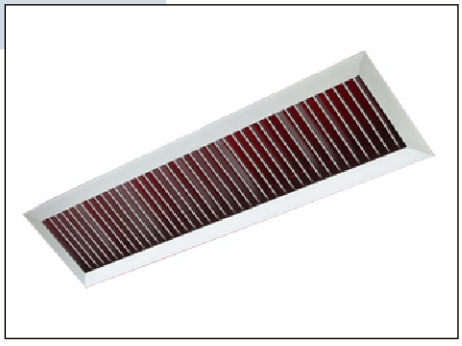
Model：FK-SB/H
Double layer grille
Top blade (blade vertical to long bar)
Down blade (blade parallel to the long bar)
Materials：extruded Aluminum, appearing anodic oxidation
Order example：FK-SB/H/1200X150 (AXB)



Model：FK-SB/H
Double layer grille
Top blade (blade parallel to the long bar)
Down blade (blade vertical to long bar)
Materials：extruded Aluminum, appearing anodic oxidation
Order example：FK-SB/V/1200X150 (AXB)



Single grille



Characteristic:

1,The use of the adjustable single-layered vanes can bring different blowing distances and different angles of flare.
2,Use as inlet port or outlet port
3,Be made of Aluminum or iron
4,As a blowing inlet port, it is used with adjusting valve.
5,As a blowing outlet port, it can be made a structure easy to open and be used with a gauze filter.
6,With a sealed spongy gasket

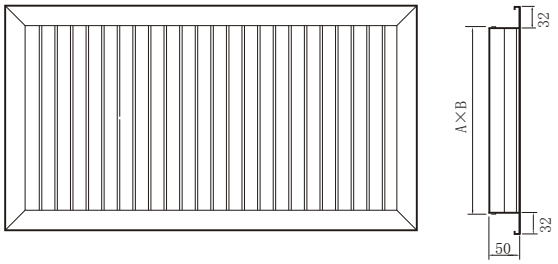
Model:FK–DB/V

Single grille

Blade vertical to long bar

Materials：extruded Aluminum, appearing anodic oxidation

Order example：FK–DB/V/1200X150（AXB）



Model:FK–DB/H

Single grille

Blade parallel to the long bar

Materials：extruded Aluminum, appearing anodic oxidation

Order example：FK–DB/H/1200X150（AXB）

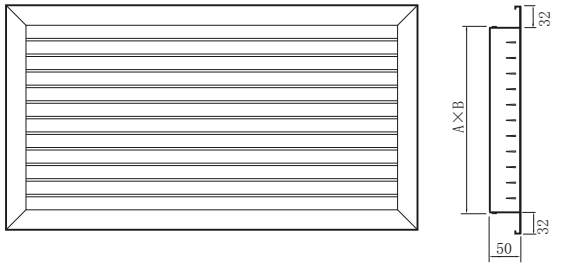
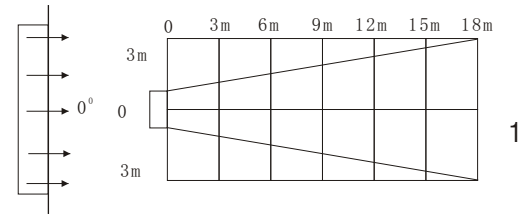
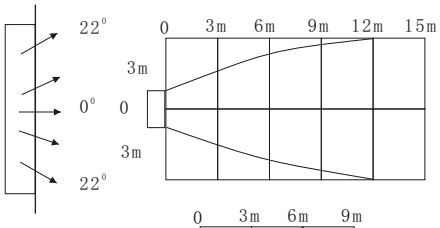


Diagram of distributing relation of airflow and blowing angle



1



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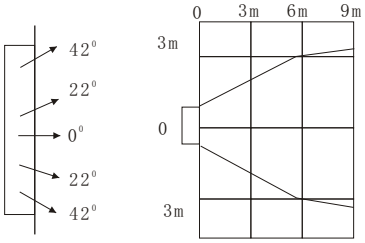

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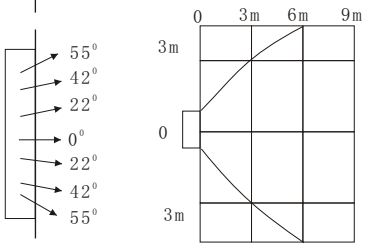


4

Techincal parameter

Specs.&size			100×100			100×150			100×200			100×250			100×300 150×200		
Neck air velocity (m/s)	Blowing angle	Total pressure loss(pa)	Air volume (m^3/h)	End air velocity (m/s)		Air volume (m^3/h)	End air velocity (m/s)		Air volume (m^3/h)	End wind velocity (m/s)		Air volume (m^3/h)	End air velocity (m/s)		Air volume (m^3/h)	End air velocity (m/s)	
				0.5–	0.25		0.5–	0.25		0.5–	0.25		0.5–	0.25		0.5–	0.25
1	Ⅰ	0.98	110	1.9	2.4	125	2.0	2.5	145	2.3	2.8	160	2.4	2.9	36	1.4	1.6
	Ⅱ	0.98		1.7	2.1		1.8	2.2		2.0	2.4		2.1	2.5		1.2	1.5
	Ⅲ	1.96		1.4	1.7		1.5	1.8		1.6	2.0		1.7	2.0		1.0	1.2
	Ⅳ	1.96		1.2	1.4		1.2	1.5		1.3	1.6		1.4	1.7		0.9	1.0
2	Ⅰ	2.94	220	4.0	4.9	250	4.4	5.2	290	4.6	5.6	320	4.9	6.0	72	3.0	3.6
	Ⅱ	5.88		3.4	4.2		3.6	4.5		4.0	4.8		4.2	5.1		2.5	3.0
	Ⅲ	6.86		2.8	3.5		3.0	3.6		3.3	4.0		3.4	4.2		2.0	2.5
	Ⅳ	7.84		2.3	2.8		2.4	3.0		2.6	3.1		2.7	3.3		1.5	2.0
3	Ⅰ	8.82	330	6.1	7.4	375	6.3	7.7	435	6.8	8.3	480	7.1	8.7	108	4.3	5.1
	Ⅱ	11.76		5.3	6.4		5.6	6.7		5.8	7.0		6.1	7.4		3.7	4.4
	Ⅲ	14.7		4.4	5.3		4.5	5.4		4.8	5.7		5.0	6.1		3.0	3.5
	Ⅳ	18.62		3.5	4.3		3.7	4.4		3.8	4.7		3.9	4.8		2.4	3.0
4	Ⅰ	15.68	440	8.0	9.8	500	8.6	10.6	580	9.2	11	640	9.7	11.9	144	5.9	7.0
	Ⅱ	19.6		6.9	8.3		7.4	9.0		7.9	9.5		8.3	10.1		5.0	6.0
	Ⅲ	25.48		5.9	7.1		6.1	7.3		6.6	7.9		6.8	8.3		4.2	5.0
	Ⅳ	29.4		4.5	5.5		4.9	5.9		5.2	6.2		5.4	6.6		3.4	4.0
5	Ⅰ	23.52	550	10	12.2	625	10.8	13	725	11.5	13.8	800	11.9	14.8	180	7.1	8.8
	Ⅱ	30.38		8.7	10.4		9.3	11.3		9.7	11.8		10.1	12.7		6.0	7.2
	Ⅲ	39.2		7.3	8.8		7.6	9.1		8.1	9.7		8.3	10.4		5.1	6.0
	Ⅳ	45.08		5.7	6.9		6.0	7.3		6.4	7.8		6.6	8.2		3.9	4.9

Fixed blade grille

Model:FK–FY

Fixed return air grille(45° fixed blade)

Materials：extruded Aluminum, appearing anodic oxidation

Order example：FK–FY/500X360 (AXB)

Model:FK–KB

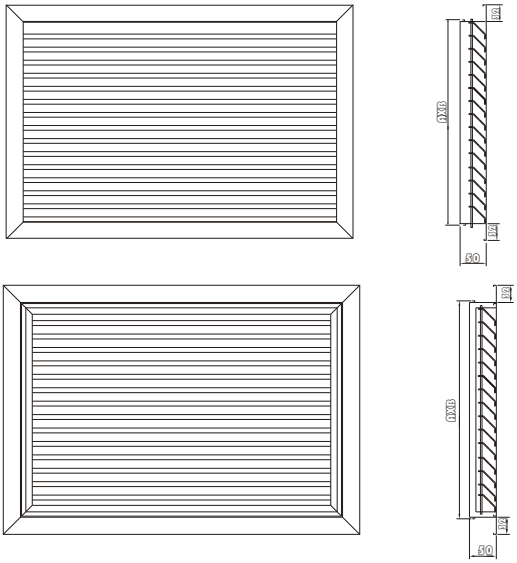
Openable return air grille

Materials：extruded Aluminum, appearing anodic oxidation

Order example：FK–KB/500X360 (AXB)

Characteristic:

- 1,45 degree angle
- 2,can be used for outside fresh air grille
- 3,can be produce to openable grille and with filter,
- 4,can be used as return air grille
- 5,Be made of Aluminum or iron
- 6,With a sealed spongy gasket



Techincal parameter

Duct air velocity (m/s)	1	2	3	4	5
Total pressure loss (Pa)	8.33	33.64	75.56	134.26	209.92
Spec.&size (mm)	Air volume(m^3/h)				
200×200	145	230	435	580	720
200×300	220	435	650	865	1080
200×400	290	580	865	1155	1440
200×500	360	720	1080	1440	1800
300×300	325	650	975	1300	1620
300×400	435	865	1300	1730	2160
300×500	540	1080	1620	2160	2700
300×600	650	1300	1945	2595	3240
400×400	580	1155	1730	2305	2880
400×500	720	1440	2160	2880	3600
400×600	865	1730	2595	3460	4320
500×500	900	1800	2700	3600	4500
500×600	1080	2160	3240	4320	5400
500×700	1260	2520	3780	5040	6300
500×800	1440	2880	4320	5760	7200
500×1000	1800	3600	5400	7200	9000

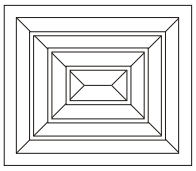
Air difusser

Characteristic:

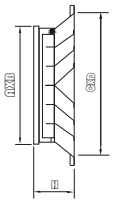
1,The multiplayer cone divided the air into many layers of swift puffs, quickly mixing the inlet air and the interior air together.
2,Swiftly balancing the temperature of airflow and slowing the velocity of airflow avoid dust wind.
3,The outline border and the inside vane of the cone are of detachable structure, easy to install and adjust.
4,Be made of Aluminum or iron
5,Be made of Aluminum or iron

Model:FK–FS
Air diffuser
Materials：extruded Aluminum, appearing anodic oxidation
Order example：FK–FS/300X300（AXB）

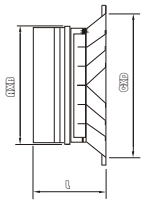
Quadrate air diffuser



FK–FS

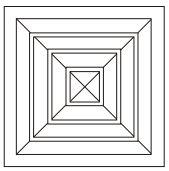


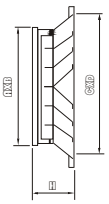
FK–FS/1/

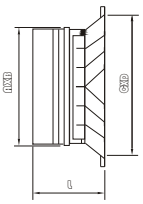


Model:FK–FS/2/
Air diffuser with damper
Materials：extruded Aluminum, appearing anodic oxidation
Order example：FK–FS/2/300X300（AXB）

Square air diffuser







Aluminium diffuser size

Neck size(AXB)	Ceiling size(CXD)	Ext.(EXF)	Diffuser width(H)	Diffuser width with damper(L)
120x120	216x216	243x243	57	97
180x180	276x276	303x303	57	97
240x240	336x336	363x363	57	97
300x300	396x396	423x423	57	97
360x360	456x456	483x483	57	97
420x420	514x514	552x552	57	97
480x480	576x576	603x603	57	97
540x540	636x636	663x663	57	97

Iron diffuser size

Neck size(AXB)	Ceiling size(CXD)	Ext.(EXF)	Diffuser width(H)	Diffuser width with damper(L)
150x150	264x264	302x302	57	97
200x200	314x314	352x352	57	97
250x250	364x364	402x402	57	97
300x300	414x414	452x452	57	97
350x350	464x464	502x502	57	97
400x400	514x514	552x552	57	97
450x450	564x564	602x602	57	97
500x500	614x614	652x652	57	97