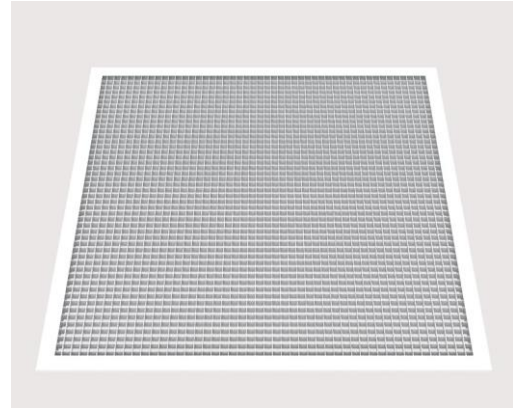
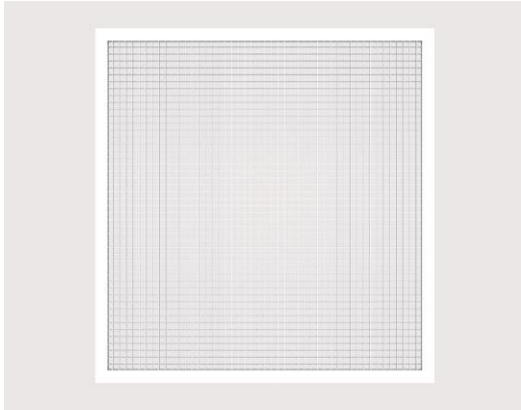


EGG CRATE GRILLES – RETURN GRILLES –CKM-04



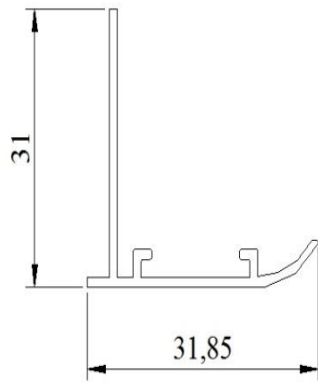
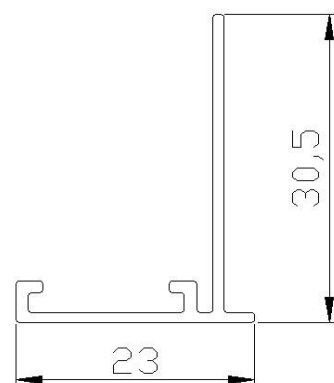
AREA OF USAGE AND FEATURES : It is used as blower and airvents in hvac systems. To be used for blowing and sucking purposes for ceiling applications. At fan-coil applications it can be used as sucking airvent. Standard manufacturing is screwless. Installation way depends on adjustable requirement

MATERIAL: Alüminyum profile produced by extrusion method

SURFACE COATING : Product can be manufactured in requested color by electrostatic powder paint, eloxal coating or without paint.

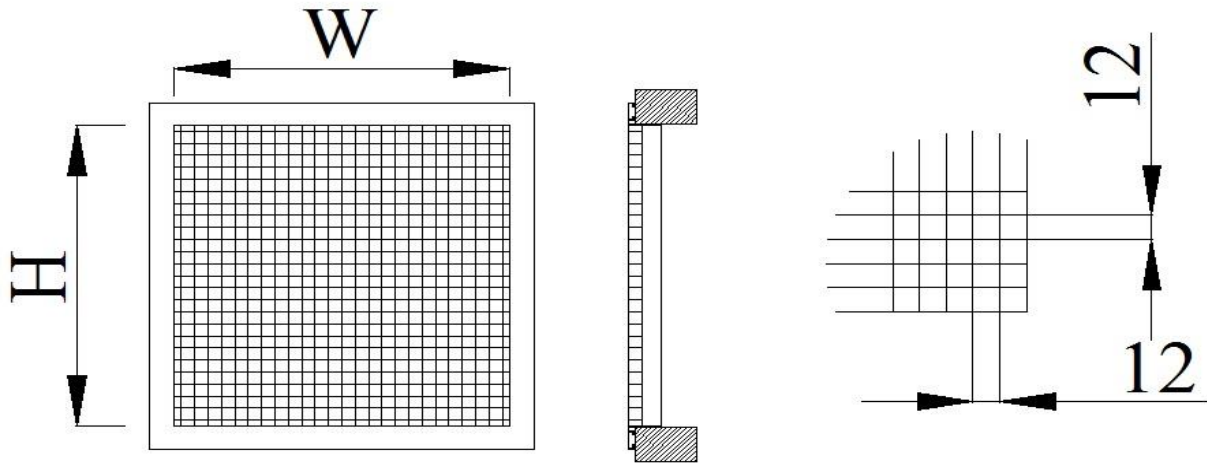
ACCESSORIES : Air damper, plenum box, mounting blind case

FRAME TYPES

STANDARD FRAME	NARROW FRAME
	

TECHNICAL DIMENSIONS

W	100-150-200-250-300-350-400-450-500-600-700-800-900-1000-1100-1200
H	100-150-200-250-300-350-400-450-500-600-700-800-900-1000
COMBINATION CAN BE DONE IN REQUESTED DIMENS	



SOME APPLICATION AREAS	Air velocity (m/s)
Radio and film studios, Surgery rooms	1,5 – 2,5
Bedrooms, Hotel Rooms, Offices, Residences, Hospitals, Mosques, Churches etc.	2 – 4
Concert Halls, Dining Rooms, Classrooms, Banks, Libraries, Game Rooms, Conference Halls	2,5 – 5
Restaurants, Cafeterias, Hotel Lobbies, Theaters, Cinemas, Shopping Malls, Ballrooms	2,5 – 6
Supermarkets, Factories, Gym, Industrial Kitchens/ Warehouses	5 – 10

SELECTION DIAGRAM :

EFFECTIVE AREA m2	DIMENSION W*H (mm)	AIR VELOCITY m/s	1,5	2	2,5	3	3,5	4	5
		PRESSURE LOSS (Pa)	4	6	9	13	18	22	35
0,017	200*100 150*150	m ³ /h	90	126	151	187	220	256	313
		dBa	-	-	-	-	21	25	31
0,024	200*150 350*100	m ³ /h	136	180	220	263	306	360	450
		dBa	-	-	-	16	23	26	32
0,033	250*150 200*200	m ³ /h	180	237	299	360	414	475	594
		dBa	-	-	-	17	25	27	34
0,042	350*150 250*200	m ³ /h	234	306	378	450	540	612	756
		dBa	-	-	-	18	26	28	35
0,051	400*150 300*200 250*250	m ³ /h	288	378	468	558	648	756	936
		dBa	-	-	-	19	26	28	37
0,065	300*250 500*150 350*200	m ³ /h	360	486	594	720	828	954	1188
		dBa	-	-	-	20	27	30	38
0,079	350*250 300*300 450*200	m ³ /h	432	576	720	864	1010	1152	1400
		dBa	-	-	15	21	28	31	40
0,093	400*250 350*300 500*200	m ³ /h	504	684	846	1026	1188	1361	1692
		dBa	-	-	16	22	28	31	41
0,111	500*250 350*350 400*300	m ³ /h	612	810	1026	1224	1440	1638	2034
		dBa	-	-	16	23	29	33	42
0,125	400*350 450*300 550*250	m ³ /h	684	918	1152	1368	1602	1836	2286
		dBa	-	-	17	23	30	33	44
0,144	450*350 400*400 550*300	m ³ /h	792	1062	1332	1584	1854	2124	2646
		dBa	-	-	18	24	30	34	44
0,165	500*350 450*400 600*300	m ³ /h	900	1206	1512	1800	2106	2412	3010
		dBa	-	-	19	24	30	35	44
0,186	500*400 450*450 700*300	m ³ /h	1026	1350	1710	2034	2376	2719	3400
		dBa	-	-	19	25	32	35	45
0,231	550*450 500*550 650*400	m ³ /h	1278	1692	2124	2556	2970	3402	4248
		dBa	-	-	20	26	33	36	46
0,251	600*450 700*400 900*300	m ³ /h	1368	1536	2286	2754	3204	3672	4590
		dBa	-	-	20	26	33	36	46
0,301	750*450 800*400 600*550	m ³ /h	1638	2178	2718	3258	3798	4356	5436
		dBa	-	-	22	27	34	38	48
0,335	800*450 600*600 900*400	m ³ /h	1836	2448	3060	3672	4284	4914	6120
		dBa	-	-	22	27	25	38	50
0,391	900*450 1200*350 700*600	m ³ /h	2140	2860	3582	4284	5004	5724	7128
		dBa	-	-	23	29	35	39	52
0,511	1200*450 900*600 750*750	m ³ /h	2790	3726	4662	5600	6520	7450	9310
		dBa	-	-	24	29	36	40	-
0,571	1200*500 1000*600	m ³ /h	3132	4176	5220	6264	7310	8350	10370
		dBa	-	15	24	30	37	41	-
0,686	1200*600 900*800	m ³ /h	3760	5040	6300	7560	8820	10080	12600
		dBa	-	16	25	32	40	43	-