

Half Chevron Grille



Description The LinkedAir Half Chevron Grilles are designed to use in return air or exhaust applications in wall, duct or ceiling. Hinged type is available which allow to access for maintenance. It incorporates 45° fixed blade which can cover up the duct and damper at the rear. Vermin mesh(15x15) can be equipped as a optional feature.

The Half Chevron Grilles can be manufactured up to 3 meters in length by 3 meters in height as a single piece, multiple modules can be produced with lengths in excess of 3 meters.

Construction Extruded Aluminium and Mechanical Held

Application Return Air / Exhaust Air

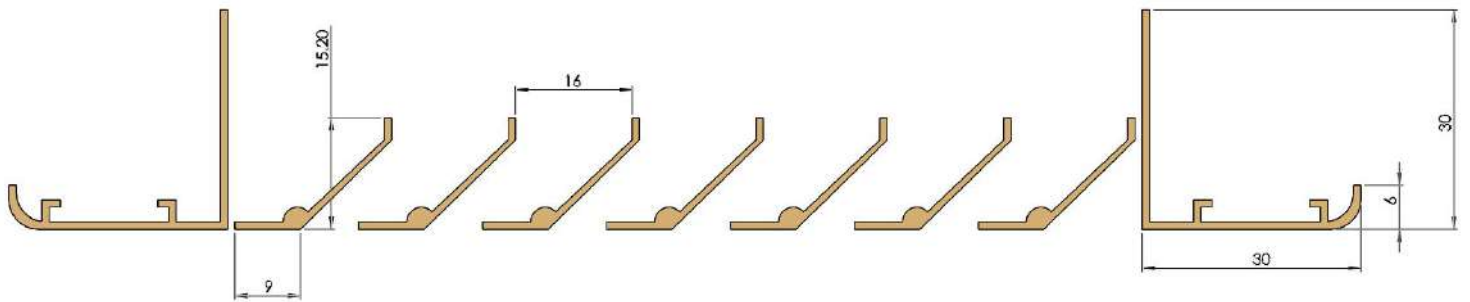
Size Flange Size: 30mm

Finish White (Powdercoated)

Options

Design	Flange Size	Mesh	Colour
Hinged Type	14mm	Galvanised Steel	Natural Anodised
Reverse Angle Type	25mm	Stainless Steel Fire Rated	/ Dulux Range

Accessories Opposite Blade Damper
Filter
Plenum with Side or Top Entry
Blanking Plate



Notes:

- All performance data below is based on isothermal conditions
- **NOISE LEVEL** Noise data is based on a room absorption of 8db

Ac (m ²)	Neck Size (mm)	NECK AIR VELOCITY (m/s)	1.5	2.0	2.5	3.0	3.5	4.0	5.0
		Total Pressure (Pa)	7	11	19	27	35	45	70
0.017	200x100	Air Flow Rate (l/s)	25	36	41	51	60	70	85
	150x150	NR LEVEL	-	-	23	26	29	35	40
0.024	200x150	Air Flow Rate (l/s)	40	50	60	77	87	102	123
	350x100	NR LEVEL	-	15	22	26	30	37	43
0.033	250x150	Air Flow Rate (l/s)	50	65	85	102	118	13	165
	200x200	NR LEVEL	-	15	23	28	33	40	44
0.042	350x150	Air Flow Rate (l/s)	65	87	107	125	150	170	215
	250x200	NR LEVEL	-	16	24	29	33	41	46
0.051	500x150	Air Flow Rate (l/s)	80	105	133	159	184	210	260
	350x200	NR LEVEL	-	17	26	31	35	42	47
0.065	500x150	Air Flow Rate (l/s)	100	130	165	205	235	271	330
	350x200	NR LEVEL	-	18	28	32	38	44	49
0.079	300x300	Air Flow Rate (l/s)	120	160	205	246	280	320	400
	450x200	NR LEVEL	-	20	29	34	38	44	51
0.093	350x300	Air Flow Rate (l/s)	140	190	241	292	338	380	470
	500x200	NR LEVEL	-	21	30	34	39	46	53
0.111	350x350	Air Flow Rate (l/s)	170	225	292	348	409	455	565
	400x300	NR LEVEL	-	22	31	35	41	46	55
0.125	450x300	Air Flow Rate (l/s)	190	261	328	380	445	510	635
	550x250	NR LEVEL	-	23	31	35	42	46	-
0.145	400x400	Air Flow Rate (l/s)	220	295	379	450	527	590	735
	550x300	NR LEVEL	14	24	32	36	43	47	-
0.186	450x450	Air Flow Rate (l/s)	285	380	481	578	660	755	945
	700x300	NR LEVEL	15	25	34	38	44	50	-
0.251	700x400	Air Flow Rate (l/s)	380	510	635	765	890	1020	1275
	900x300	NR LEVEL	16	27	34	38	44	53	-
0.300	800x400	Air Flow Rate (l/s)	455	605	773	926	1080	1210	1510
	600x550	NR LEVEL	17	28	35	40	46	56	-
0.390	900x450	Air Flow Rate (l/s)	595	814	1018	1218	1423	1627	1980
	1200x350	NR LEVEL	19	30	37	42	47	-	-
0.510	1200x450	Air Flow Rate (l/s)	793	1059	1325	1591	1810	2070	2585
	750x750	NR LEVEL	21	31	38	43	49	-	-
0.686	1200x600	Air Flow Rate (l/s)	1045	1390	1750	2144	2502	2850	3582
	900x800	NR LEVEL	24	35	40	46	55	-	-