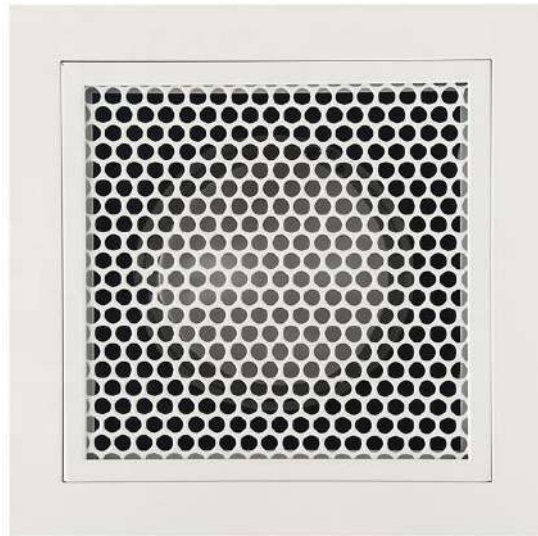


Mesh Grille



Description The LinkedAir Mesh Grilles are designed for return air or exhaust air application. It equips harden aluminium frame and perforated cold drawn steel sheets. They can easily mount to the wall, duct and ceiling, and they have low pressure losses and low noise levels.

Construction Extruded Aluminium, Sheetmetal and Mechanical Held

Application Return Air / Exhaust Air

Size Flange Size: 28mm

Finish White (Powdercoated)

Options

Design	Flange Size	Colour
Removable Type	15mm	Natural Anodised
Hinged Type	27mm	/
Reverse Angle Type	50mm	Dulux Range
Eggcrate Core Only		

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



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	35	40	50	60	70	85
	150x150	NR LEVEL	-	-	22	25	29	35	40
0.024	200x150	Air Flow Rate (l/s)	40	50	60	75	85	100	120
	350x100	NR LEVEL	-	15	22	26	30	37	43
0.033	250x150	Air Flow Rate (l/s)	50	65	85	100	115	13	165
	200x200	NR LEVEL	-	15	23	27	32	39	44
0.051	400x150	Air Flow Rate (l/s)	80	105	130	155	180	210	260
	250x250	NR LEVEL	-	17	25	30	35	42	47
0.065	300x250	Air Flow Rate (l/s)	100	130	165	200	230	265	330
	500x150	NR LEVEL	-	18	27	31	37	43	49
0.079	350x250	Air Flow Rate (l/s)	120	160	200	240	280	320	400
	300x300	NR LEVEL	-	20	28	33	37	44	51
0.093	400x250	Air Flow Rate (l/s)	140	190	235	285	330	380	470
	350x300	NR LEVEL	-	21	30	33	38	45	53
0.125	400x350	Air Flow Rate (l/s)	190	255	320	380	445	510	635
	450x300	NR LEVEL	-	23	31	34	41	46	-
0.164	500x350	Air Flow Rate (l/s)	250	335	420	500	585	670	835
	450x400	NR LEVEL	14	24	32	35	43	48	-
0.186	500x400	Air Flow Rate (l/s)	285	380	470	565	660	755	945
	450x450	NR LEVEL	15	25	33	37	43	49	-
0.251	600x450	Air Flow Rate (l/s)	380	510	635	765	890	1020	1275
	900x300	NR LEVEL	16	27	34	38	44	53	-
0.300	750x450	Air Flow Rate (l/s)	455	605	755	905	1055	1210	1510
	800x400	NR LEVEL	17	28	35	39	45	55	-
0.335	800x450	Air Flow Rate (l/s)	510	680	850	1020	1190	1365	1700
	600x600	NR LEVEL	18	29	35	39	45	-	-
0.390	900x450	Air Flow Rate (l/s)	595	795	995	1190	1390	1590	1980
	700x600	NR LEVEL	19	29	36	41	47	-	-
0.510	1200x450	Air Flow Rate (l/s)	775	1035	1295	1555	1810	2070	2585
	750x750	NR LEVEL	20	30	37	43	49	-	-
0.570	1200x500	Air Flow Rate (l/s)	870	1160	1450	1740	2030	2320	2880
	1000x600	NR LEVEL	21	32	37	44	50	-	-
0.686	1200x600	Air Flow Rate (l/s)	1045	1390	1750	2095	2445	2785	3500
	900x800	NR LEVEL	23	34	39	46	55	-	-

- All performance data below is based on the grilles mounted 300mm below a ceiling, with a floor height of 2.7 meters and supply 10°C below room temperature.
- **NOISE LEVEL** Noise data is based on a room absorption of 8db and measured at 0°.
- **Throws** are the horizontal throw distance in meters from the supply air grille to that point at which the airflow envelope has a terminal velocity of 0.25m/s.