PERFORMANCE DATA

Weatherproof Louvre

Description The LinkedAir Weatherproof Louvres are designed to protect air intake or exhaust openings in the building exterior walls. It incorporates the special design "J" style blades to provide maximum resistance to rain and weather while providing minimum resistance to airflow. Each blade is secured to the frame with self-tapping screws. Vermin mesh(15x15) is equipped as standard feature.
The Outside air louvres 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 Fresh Intake Air / Exhaust Air

Size Flange Size: 32mm

Finish White (Powdercoated)

Options

Design	Flange Size	Mesh	Colour
Removable Type Flangeless Type Reverse Angle Type	27mm 30mm 50mm	Galvanised Steel Stainless Steel Fire Rated	Natural Anodised / Dulux Range

Accessories Plenum with Side or Top Entry
Blanking Plate

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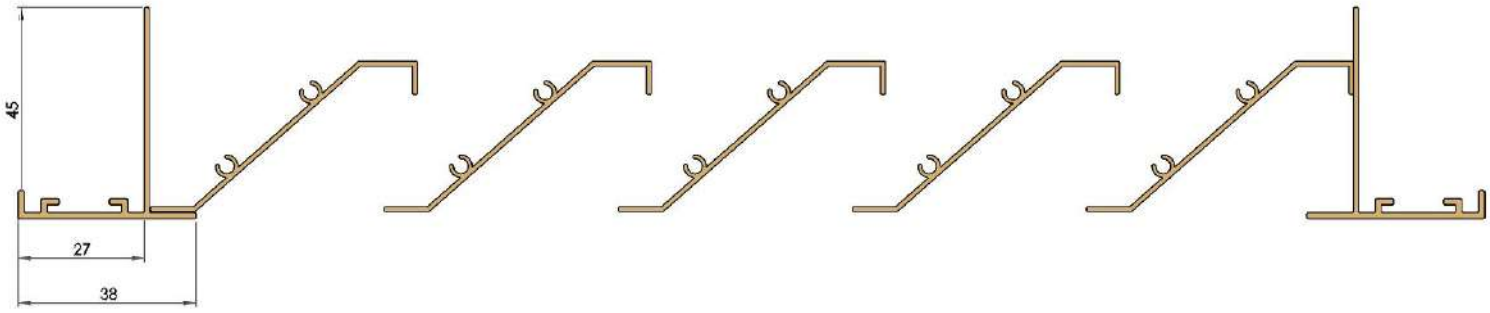

Air Velocity (m/s)	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
Intake Pressure Drop (Pa)	3	5	7	11	15	20	26	32	40	48	59
Exhaust Pressure Drop (Pa)	2	4	5	7	11	14	18	22	26	31	38

Effective Area (m2)

Width (mm) / Height (mm)	200	300	400	500	600	700	800	900	1000	1250	1500
300	0.015	0.029	0.050	0.060	0.074	0.090	0.110	0.116	0.128	0.170	0.206
400	0.050	0.040	0.058	0.079	0.100	0.113	0.135	0.160	0.180	0.230	0.280
500	0.029	0.059	0.080	0.106	0.130	0.141	0.174	0.200	0.222	0.290	0.338
600	0.035	0.070	0.098	0.130	0.154	0.190	0.220	0.236	0.265	0.328	0.420
650	0.038	0.072	0.105	0.138	0.170	0.203	0.226	0.250	0.280	0.390	0.463
700	0.040	0.800	0.106	0.150	0.174	0.220	0.240	0.260	0.299	0.410	0.482
750	0.042	0.090	0.120	0.154	0.200	0.230	0.260	0.310	0.340	0.430	0.530
800	0.048	0.095	0.123	0.167	0.220	0.246	0.300	0.340	0.380	0.443	0.570
900	0.050	0.096	0.150	0.190	0.236	0.280	0.315	0.370	0.396	0.500	0.629
1000	0.055	0.130	0.170	0.230	0.270	0.320	0.357	0.405	0.453	0.550	0.710
1250	0.070	0.200	0.230	0.290	0.396	0.434	0.501	0.208	0.630	0.690	0.830
1500	0.085	0.210	0.264	0.350	0.400	0.470	0.531	0.620	0.651	0.860	1.052

Notes:

- All performance data below is based on isothermal conditions
- Velocity corresponding to effective area