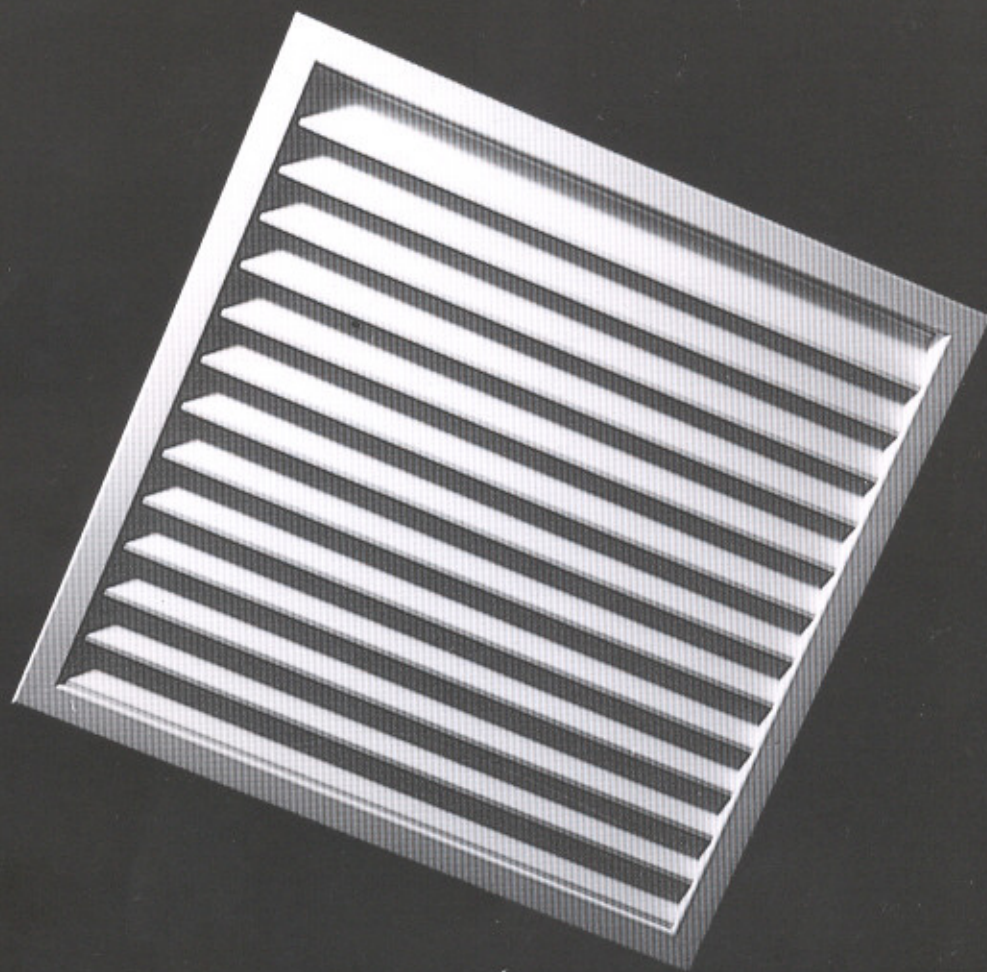


AIR GRILLES

**WEATHERPROOF
LOUVRE**



EXTRUDED ALUMINIUM



EXTRUDED ALUMINIUM WEATHERPROOF LOUVRE



MODEL: AWL

Model AWL weatherproof louvres are constructed from highly corrosion resistant extruded aluminium. Designed with welded butt joints and corner inserts, it will be able to withstand rough handling during installation. The louvre is enamel coated and oven-baked for scratch resistant.

AWL louvre is a very popular choice for many ventilating and weather-keeping application, and it is designed to handle large volumes of air with acceptable pressure drop and sound levels.

- AIR GRILLES 45 degrees angled blades and rain lips louvred weatherproof louvre provides maximum weather protection.
- It integrates the functional job of efficient air handling and weather-keeping with the necessary aesthetic appeal consistent with modern building practice.
- With a standard air gap of 39mm, the approximate free area is 55%.
- Insect screen is available upon request.
- Designed with rain lips to minimise ingress of rainwater in normal climatic conditions.
- All corners of grille are reinforce with corner inserts and argon welded to maintain hairline mitre-joints and ensure rigid handling.
- All louvres are enamel coated and oven-baked for scratch resistant.
- Units of louvres have been tested at an independent N.A.T.A. accredited test laboratory in Australia.

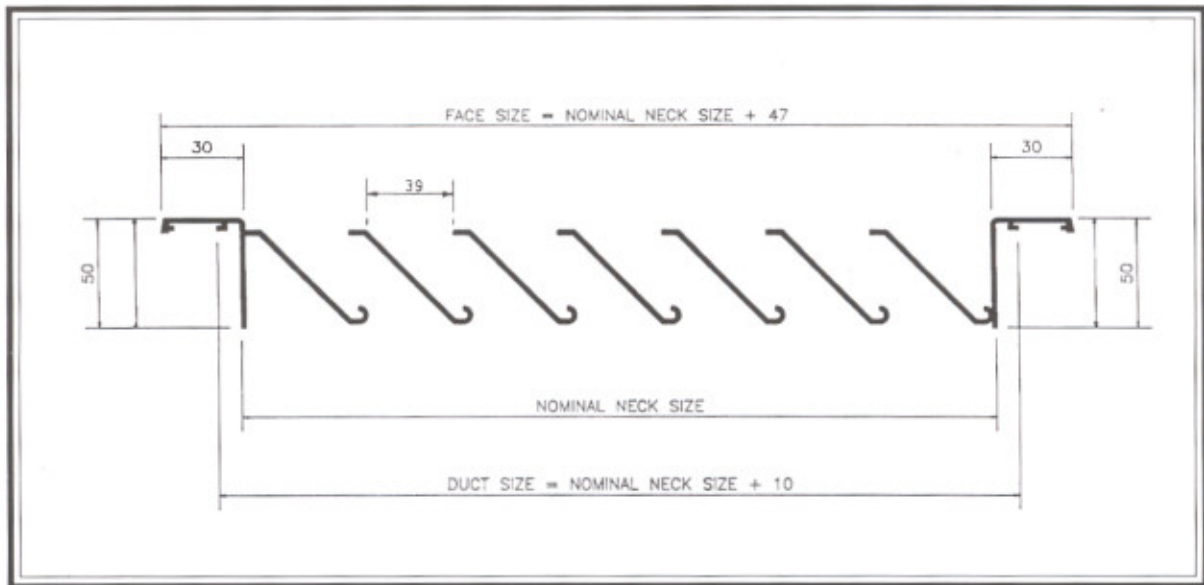
ACOUSTIC AND AIRFLOW PERFORMANCE DATA of WEATHERPROOF LOUVRE

Model AWL

SIZE in (mm)	Area (m ²)	Qs (ℓ/s)	100	150	200	300	400	500	600	1000	1500	2000	2500	3000	4000	5000	6000	7000
300 x 300	0.09	SP	13	28	50	115	200											
		m/s	1.25	1.75	2.5	4	5											
450 x 300	0.135	SP		12	20	48	80	130	200									
		m/s		1.25	1.5	2.5	3	4	5									
600 x 300	0.18	SP			12	25	45	70	100	280								
		m/s			1.25	2	2.5	3	4	6								
450 x 450	0.203	SP			10	20	35	60	75	220								
		m/s			1	1.5	2	2.5	3.25	5								
900 x 300	0.27	SP				12	20	30	45	125	280							
		m/s				1.25	1.5	2	2.5	4	6							
600 x 600	3.6	SP					11	18	25	70	150	260						
		m/s					1.25	1.5	1.75	3	4.5	6						
900 x 450	0.405	SP					8	14	20	55	125	220						
		m/s					1	1.25	1.5	2.5	3	5						
900 x 600	0.54	SP						7	11	30	65	125	200					
		m/s						1	1.25	2	2.75	4	5					
1200 x 600	0.72	SP							5	15	38	67	100	150	210			
		m/s							0.8	1.5	2.25	3	3.6	4.2	5.2			
1200 x 900	1.08	SP								7	11	28	45	62	120	180		
		m/s								1	1.5	2	2.5	3	4	5		
1200 x 1200	1.44	SP									9	16	25	35	60	100	150	200
		m/s									0.75	1.5	1.75	2.25	3	3.5	4	5

- SP - Static Pressure (Pa)
- m/s - Neck Velocity (metres/second)
- Qs - Primary Air Flow Rate (ℓ/s)

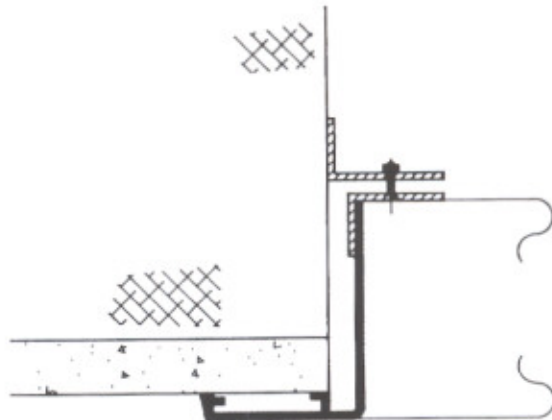
MODEL AWL DIMENSIONS



ALL DIMENSIONS IN MILLIMETRES (mm)

MOUNTING DETAILS

- Concealed bracket fastening



- Countersunk screw fastening

