

LOUVRECLAD PERFORMANCE LOUVRE SELECTION CHART

LOUVRE TYPE	SINGLE STAGE BLADE LOUVRES										TWO STAGE BLADE LOUVRES			ACOUSTIC LOUVRES					
	AERION SERIES®	ALTURA SERIES® 300	ALTURA SERIES® 145	DELTA SERIES®	CASCADE SERIES®	ELLENBO-ROUGH SERIES®	JUPITER SERIES® STANDARD	VARSITY SERIES®	VENUS SERIES®	NEPTUNE SERIES®	JUPITER SERIES® TWO STAGE	KENSINGTON SERIES®	DELTA SERIES® TWO STAGE	HUDSON SERIES® 100	HUDSON SERIES® 200	HUDSON SERIES® 200 CHEVRON	HUDSON SERIES® 300	HUDSON SERIES® 400 CHEVRON	HUDSON SERIES® 600 CHEVRON
APPEARANCE AND USE	Zero vision, extruded aluminium aerofoil vertical louvre.	Zero vision, extruded aluminium full chevron vertical louvre.	Zero vision, extruded aluminium full chevron vertical louvre.	High security, cost-effective, high impact resistance louvre ideal for cyclone and trafficable areas.	Extruded aluminium standard horizontal and vertical louvre	Zero vision, horizontal or vertical.	Extruded aluminium standard louvre.	Roll formed standard louvre.	Zero vision, horizontal or vertical.	Ideal for plantroom screening, doors and internal louvres.	Zero vision, extruded aluminium louvre for maximum rain defence.	Zero vision, extruded aluminium louvre for maximum rain defence.	Zero vision, high security, cost-effective, high impact resistance for cyclone and trafficable areas.	Used around noisy plant, Industrial aesthetic.	Used around noisy plant, Industrial aesthetic.	Zero vision, used around noisy plant, Industrial aesthetic.	Used around noisy plant, Industrial aesthetic.	Zero vision, used around noisy plant, Industrial aesthetic.	Zero vision, used around noisy plant, Industrial aesthetic.
PITCH (mm)	30	100	63	125	100	63	125	125	63	63	125	63	125	180	200	180	200	200	200
DEPTH OVERALL (mm)	150	300	145	94	102	95	102	94	94	47	204	125	188	100	200	200	300	400	600
MATERIAL	Aluminium	Aluminium	Aluminium	Colorbond, Zinalume	Aluminium	Aluminium	Aluminium	Colorbond, Zinalume	Colorbond, Zinalume	Aluminium	Aluminium	Aluminium	Colorbond, Zinalume	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel
FINISHES AVAILABLE	Powder Coat, Anodise	Powder Coat, Anodise	Powder Coat, Anodise	Colorbond, Zinalume	Powder Coat, Anodise	Powder Coat, Anodise	Powder Coat, Anodise	Colorbond, Zinalume	Colorbond, Zinalume	Powder Coat, Anodise	Powder Coat, Anodise	Powder Coat, Anodise	Colorbond, Zinalume	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel	Colorbond, Zinalume, Aluminium, Stainless Steel
AS TEST STANDARD	AS 4740:2025 Third Party Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2000 CFD Certified	AS 4740:2025 Third Party Certified	AS 4740:2025 Third Party Certified	AS 4740:2025 Third Party Certified	AS 4740:2025 Third Party Certified	AS 4740:2025 Third Party Certified	AS 4740:2025 Third Party Certified
RAIN RESISTANCE (AS 4740 CLASS RATING)	Class A	Class B	Class B	Class D	Class D	Class D (V) Class B (H)	Class C	Class D	Class C	Class D	Class A	Class A	Class A	Class C	Class A-D	Class A-D	Class A-D	N/A	N/A
RAIN RESISTANCE (% EFFECTIVENESS)	99-100%	98%	96%	75%	52%	78% (V) 96% (H)	88%	70%	83%	72%	100%	100%	100%	TBC	TBC	12-100%	15-99%	48-99%	TBC
AIRFLOW PERFORMANCE (AS 4740 LASS RATING)	Class 1	Class 1	Class 1	Class 2	Class 2	Class 3	Class 1	Class 2	Class 3	Class 1	Class 3	Class 3	Class 3	Class 1	Class 1	Class 2	Class 1	Class 1	Class 1
COEFFICIENT OF DISCHARGE (cd) (intake)	1	1	1	1	1	0	1	1	0	1	0	0	0	1	1	1	1	1	1
EFFECTIVE AERODYNAMIC AREA (m²)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM SPAN OF BLADES (mm)	3000	1200	2000	2400	1400	2000	1500	1500	1800	1000	1500	2000	2400	2000	2000	2000	2500	2000	2500
APPROX. WEIGHT (kg/m²)	30	28	24	12	12	17	11	18	20	12	30	20	35	19	40	28	57	34	71
VERMIN MESH	Optional	Optional	Optional	Integrated	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Integrated	Optional	Optional	Optional	Optional	Optional	Optional
FREE OPEN AREA (%)	73%	60%	60%	48%	64%	50%	55%	53%	42%	45%	50%	50%	42%	22%	33%	22%	47%	33%	47%

LEGEND		
Materials: AL = Aluminium CB = Colorbond, Colorbond Ultra and Metallic ZA = Zinalume SS = Stainless steel	Finishes: AN = Anodised PC = Powdercoat colours and timber grain CB = Colorbond, Colorbond Ultra and Metallic ZA = Zinalume	Other: V = Vertical configuration H = Horizontal configuration TBC = To be confirmed N/A = Not applicable

AS 4740:2000/2025 PERFORMANCE CLASSIFICATIONS	
Rain Resistance:	Discharge Coefficient (Cd):
Class A 100 to 99% Effectiveness	Class 1 Cd = 0.7 and above
Class B 98.9 to 95% Effectiveness	Class 2 Cd = 0.5 to 0.699
Class C 94.9 to 80% Effectiveness	Class 3 Cd = 0.3 to 0.499
Class D Below 80% Effectiveness	Class 4 Cd = 0.1 to 0.299

Note: The higher the coefficient of discharge (Cd), typically the lower the pressure drop