

LOUVRECLAD PERFORMANCE LOUVRE SELECTION CHART

LOUVRE TYPE	SINGLE STAGE BLADE LOUVRES													TWO STAGE BLADE LOUVRES						ACOUSTIC LOUVRES					
PRODUCT NAME	ALTURA SERIES® 145	ALTURA SERIES® 300	CASCADE SERIES®	DELTA SERIES®	ELLENBO-ROUGH SERIES®	JUPITER SERIES® STANDARD	JUPITER SERIES® DRAINABLE	NEXUS SERIES® STANDARD	NEXUS SERIES® DRAINABLE	VARSITY SERIES®	VENUS SERIES®	NEPTUNE SERIES®	ORION SERIES®	JUPITER SERIES® TWO STAGE	NEXUS SERIES® TWO STAGE	CASCADE SERIES® TWO STAGE	KENSINGTON SERIES®	DELTA SERIES® TWO STAGE	VARSITY 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 full chevron vertical louvre.	Zero vision, aluminium full chevron vertical louvre.	Extruded aluminium standard horizontal and vertical louvre.	High security, cost-effective, high impact resistance louvre ideal for cyclone and trafficable areas.	Zero vision, horizontal or vertical.	Extruded aluminium standard louvre.	Extruded aluminium standard louvre.	Extruded aluminium standard louvre.	Extruded aluminium standard louvre.	Roll formed standard louvre.	Zero vision, horizontal or vertical.	Ideal for plantroom screening, doors and internal louvres.	Ideal for plantrooms, grills and internal louvres.	Zero vision, extruded aluminium louvre for maximum rain defence.	Zero vision, extruded aluminium louvre for maximum rain defence.	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.	Zero vision, roll formed louvre with maximum rain defence.	Used around noisy plant, heavy appearance.	Used around noisy plant, heavy appearance.	Zero vision, used around noisy plant, heavy appearance.	Used around noisy plant, heavy appearance.	Zero vision, used around noisy plant, heavy appearance.	Zero vision, used around noisy plant, heavy appearance.
PITCH (mm)	62.5	100	100	125	62.5	125	125	125	125	125	62.5	63	65	125	125	100	62.5	125	125	180	200	180	200	200	200
DEPTH OVERALL (mm)	145	300	102	94	95	102	102	102	102	94	94	47	50	204	204	182	125	188	188	100	200	200	300	400	600
MATERIAL	AL	AL	AL	CB, ZA	AL	AL	AL	AL	AL	CB, ZA	CB, ZA	AL	AL	AL	AL	AL	AL	CB, ZA	CB, ZA	CB, ZA, AL, SS	CB, ZA, AL, SS	CB, ZA, AL, SS	CB, Z, AL, SS	CB, Z, AL, SS	CB, Z, AL, SS
FINISHES AVAILABLE	PC, AN	PC, AN	PC, AN	CB, ZA	PC, AN	PC, AN	PC, AN	PC, AN	PC, AN	CB, ZA	CB, ZA	PC, AN	PC, AN	PC, AN	PC, AN	PC, AN	PC, AN	CB, ZA	CB, ZA	PC, AN, CB, ZA	PC, AN, CB, ZA	PC, AN, CB, ZA	PC, AN, CB, ZA	PC, AN, CB, ZA	PC, AN, CB, ZA
RAIN RESISTANCE (AS/NZS 4740:2000 CLASS RATING)	Class B	Class B	Class D	Class D	Class D (V) Class B (H)	Class C	Class C	Class C	Class C	Class D	Class C	Class D	TBC	Class A	Class A	Class A	Class A	Class A	Class A	Class C	N/A	Class C	Class C	Class B	N/A
RAIN RESISTANCE (% EFFECTIVENESS)	96%	98%	52%	75%	78% (V) 96% (H)	88%	86%	80%	80%	70%	83%	72%	TBC	100%	99%	100%	100%	100%	100%	TBC	TBC	TBC	91%	96%	TBC
AIRFLOW PERFORMANCE (AS/NZS 4740:2000 CLASS RATING)	Class 1	Class 1	Class 2	Class 2	Class 3	Class 1	Class 2	Class 3	Class 2	Class 2	Class 3	Class 1	TBC	Class 3	Class 4	Class 2	Class 3	Class 3	Class 3	Class 3	N/A	Class 2	Class 1	Class 1	N/A
COEFFICIENT OF DISCHARGE (Cd)	0.714	0.725	0.612	0.602	0.367	0.739	0.688	0.473	0.606	0.648	0.477	0.56	TBC	0.386	0.238	0.562	0.358	0.391	0.482	N/A	N/A	0.51	0.736	N/A	N/A
EFFECTIVE AERODYNAMIC AREA (m²)	0.31	0.47	0.32	0.22	0.19	0.26	0.25	0.25	0.50	0.29	0.20	0.3	TBC	0.14	0.12	0.16	0.15	0.14	0.19	N/A	N/A	0.16	0.31	N/A	N/A
MAXIMUM SPAN OF BLADES (mm)	1500	2000	1400	2400	2000	1500	1500	1500	1500	1500	1800	1000	1200	1500	1500	1400	2000	2400	1500	1500	1500	1500	1500	N/A	1500
APPROX. WEIGHT (kg/m²)	24	28.0	12	12	17	11	13	11	12	18	20	12	14	30	30	25	20	35	38	19	40	28	57	34	71
VERMIN MESH	Optional	Optional	Optional	Integrated	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Integrated	Optional	Optional	Optional	Optional	Optional	Optional	Optional
FREE OPEN AREA (%)	60%	80%	64%	48%	50%	55%	55%	50%	50%	53%	42%	45%	35%	50%	50%	50%	50%	42%	41%	22%	33%	22%	47%	33%	47%

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

AS/NZS 4740:2000 PERFORMANCE CLASSIFICATIONS	
Rain Resistance: Class A 100 to 99% Effectiveness Class B 99.9 to 95% Effectiveness Class C 94.9 to 80% Effectiveness Class D Below 80% Effectiveness	Discharge Coefficient: Class 1 Cd = 0.7 and above Class 2 Cd = 0.5 to 0.699 Class 3 Cd = 0.3 to 0.499 Class 4 Cd = 0.1 to 0.299

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