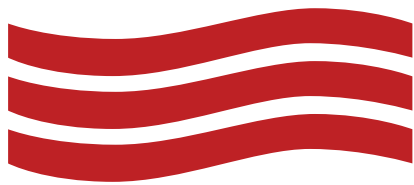


AIRFOIL




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 SAI GLOBAL



**ROUND
WEATHER PROOF LOUVRE
R-WLBS**



ROUND WEATHER PROOF LOUVRE R-WLBS

PRODUCT DESCRIPTION AND APPLICATION

The Airfoil Australian Made Round Weather Proof Louvre (R-WLBS) is meticulously crafted from durable aluminium extrusion, ensuring resilience and longevity. Engineered with precision, the louvre's design effectively mitigates rainwater infiltration under typical weather conditions, with standard vermin mesh fitted to its rear for pest control management. This Round Weather Proof Louvre is suitable for both intake and return air applications.

Featuring a blade spacing of 50mm, the R-WLBS is available in six standard sizes ranging from 150mm to 400mm in diameter, with the flexibility to customise dimensions as needed. While the standard flange size is 30mm, options for smaller or larger flange sizes are also available.

Available in a sleek Natural Anodised silver finish, or customisable with powder coating in any desired color upon request, the Round Weather Proof Louvre is an optimal solution for various architectural contexts where resilience against the elements is paramount.

ROUND WEATHER PROOF LOUVRE R-WLBS

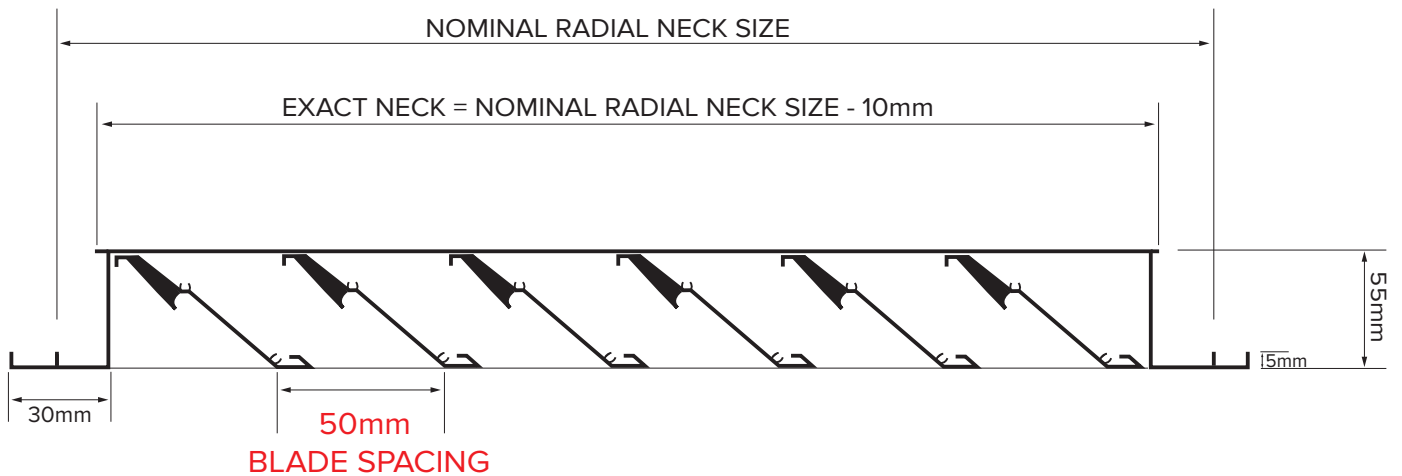
PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – R-WLBS**
- Australian Made
- Aluminium Construction
- Manufactured to any size
- Suitable for both intake and return air applications
- Small 50mm blade spacing
- 30mm outer frame size
- 55mm overall deep frame
- 55% free area
- Designed to minimise the ingress of rainwater in all normal climactic conditions
- Standard vermin mesh fitted to the rear of the grille for pest control management purposes
- Comes standard in our Natural Anodised silver finish
- Special powder-coating colours available upon request
- Suitable for any outdoor commercial purpose where weather protection is paramount
- Airfoil tested information available
- **The following metric performance data has been derived from exhaustive testing in elaborate laboratories of acoustic and vibrational engineers Louis A. Challis and Associates Proprietary Limited. Darling Street, Sydney 2000**



ROUND WEATHER PROOF LOUVRE R-WLBS

CROSS SECTIONAL DIAGRAM



DISCLAIMER:

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ROUND WEATHER PROOF LOUVRE R-WLBS

PERFORMANCE DATA

	Nom Face	Free Area	Face Velocity (m/s)	1.00	1.50	2.00	2.50	3.00	3.50	4.0	4.5
Product Code	(mm)	m ²	Pressure Drop (Pa)	2	4	8	12	18	24	32	40
RWLBS 150	150	0.007	Flow Rate (l/s) NC Level	7 <15	10 <15	14 <15	17 31	21 36	24 40	28 43	31
RWLBS 200	200	0.013	Flow Rate (l/s) NC Level	113 <15	20 <15	27 16	33 17	40 19	47 23	53 27	60 31
RWLBS 250	250	0.022	Flow Rate (l/s) NC Level	22 <15	33 <15	44 16	55 17	67 20	78 23	89 28	100 31
RWLBS 300	300	0.034	Flow Rate (l/s) NC Level	34 <15	51 <15	67 28	84 34	101 39	118 43	135 47	152
RWLBS 350	350	0.049	Flow Rate (l/s) NC Level	49 <15	74 <15	98 17	123 19	147 22	172 25	196 29	221 32
RWLBS 400	400	0.67	Flow Rate (l/s) NC Level	67 <15	100 <15	134 17	167 21	201 24	234 27	268 31	301 35

ROUND WEATHER PROOF LOUVRE R-WLBS

PERFORMANCE DATA

STATIC PRESSURE VS AIRFLOW FOR VARIOUS CORE SIZES

