

AIRFOIL



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ROUND WEATHERPROOF LOUVRE (RWLBS)

Airfoil's Round Weatherproof Louvre is manufactured entirely from sturdy aluminium extrusion. The grilles are specifically designed to minimise the ingress of rainwater under normal climatic conditions. Bird mesh back plate is standard.

Weatherproof Louvre Options

- > Custom sizes and shapes to meet specific requirements
- > Standard natural anodised, or white powdercoat
- > Non-standard colours or finishes available on request
- > Optional flyscreen or bushfire mesh
- > 2 blade profiles WL and YL
- > WLBS flange sizes: 38mm standard. Optional 50mm.
- > YLBS flange sizes: 32mm standard. 38mm standard. Optional 50mm.

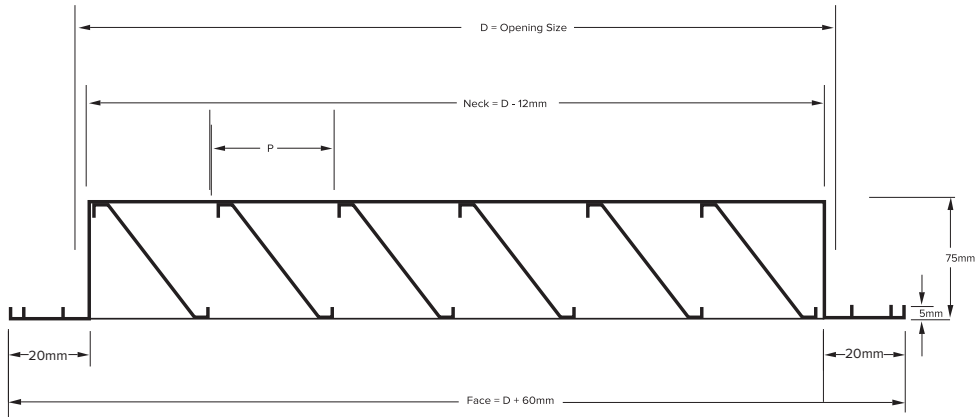
Product specification codes:

RWLBS	Weatherproof louvre with bird mesh.	Specification: Product code + diameter size.
RYLBS	Storm trap weatherproof louvre with bird mesh.	Example: RWLBS 200 Weatherproof louvre with bird mesh 200mm in diameter



WEATHERPROOF LOUVRE TYPE RWLBS

Cross sectional diagram: RWLBS

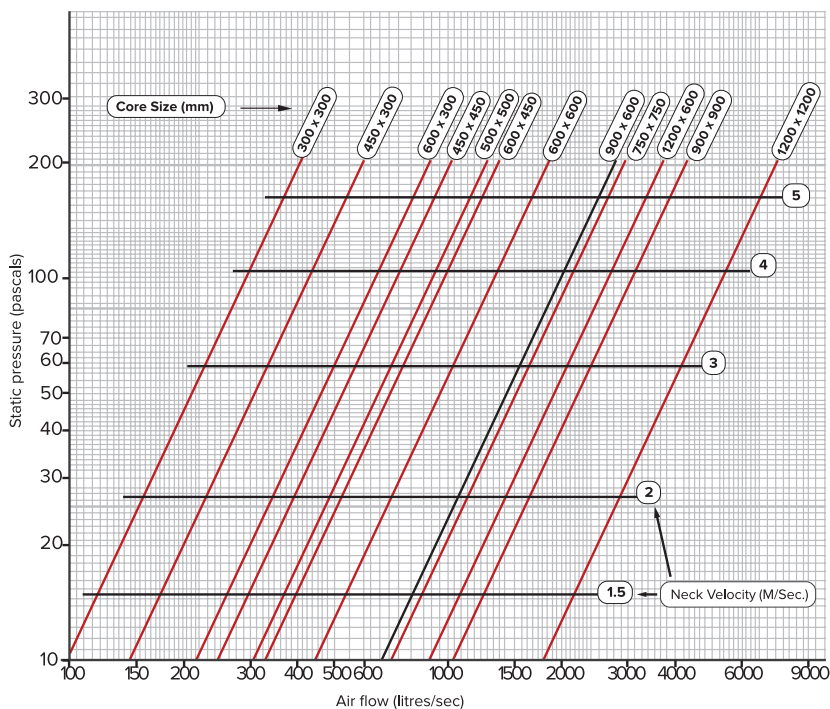


Performance Data: RWLBS

Product Code	Nom Face (mm)	Free Area m ²	Face Velocity (m/s) Pressure Drop (Pa)	1.00	1.50	2.00	2.50	3.00	3.50	4.0	4.5
				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

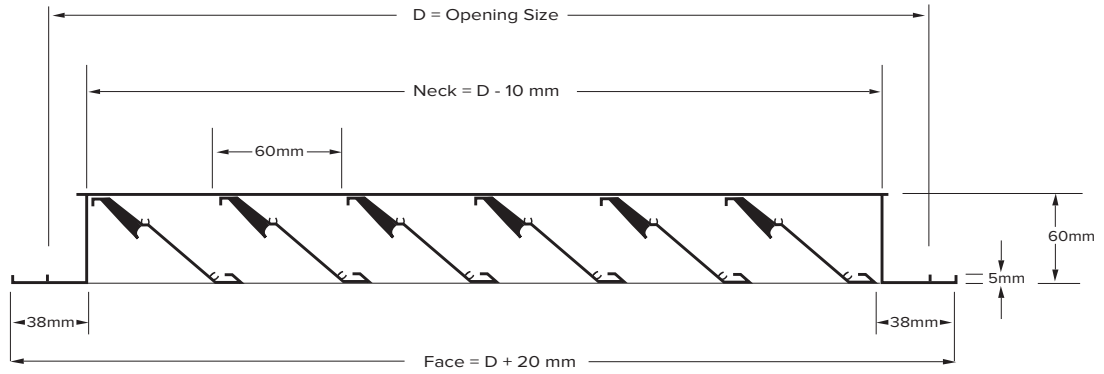
Performance Data

Static pressure vs airflow for various core sizes



WEATHERPROOF LOUVRE TYPE RYLB

Cross sectional diagram



Performance Data

Static pressure vs air flow for various core sizes

