

Technical Data Sheet –

Roof Louvre Blade – Residential (RLB-R)



Roof Louvre Blade – Residential (RLB-R) louvre smoke vent and air supply units are used in natural and mechanical smoke and heat exhaust ventilation systems.

Specific Features

- Certified to BS EN12101-2
- Available in a wide range of sizes and options from 966 x 500mm to 3826 x 2400mm
- Available with solid insulated aluminium blades or polycarbonate multiwall blades
- Opening to 90° within 60 seconds
- Consume minimal energy during operation
- High resistance to weather and wind load
- When open they are not a fall hazard
- 1A 24V DC actuator (larger sizes have tandem actuators)

Product Description

Roof Louvre Blade – Residential (RLB-R) louvre smoke vent and air supply units are used in natural smoke and heat exhaust ventilation systems. Mounted on roofs, louvre smoke vents exhaust smoke and heat from a building, allowing low level escape routes to be kept clear of smoke. RLB-R are fully certified to BS EN 12101-2. They are particularly suited to residential and institutional buildings and may also provide natural comfort ventilation.

They are available in a wide range of sizes and types of upstands. They may be installed at any angle from 0 to 90°, but are generally installed horizontally and supplied with aerodynamic wind shields as standard. They consume minimal energy during the opening and closing cycle and have high resistance to weather and are therefore suited for use on exposed and high wind areas. They provide good security and do not create a fall hazard when open.

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Technical Data

Water tightness to EN 1873	Pass
Voltage	24V DC
Current (with load)	1A or 2A (depending on size)
Opening Angle	90°
Ambient Operating Temperature	-25°C – +70°C
Speed	3.4mm/sec
Protection Degree	IP40
Force	900N
Air Permeability to EN 1873	Class 8

Thermal Transmission

See U-Value Performance data sheet [here](#).

Notes:

Uninsulated base units are not compatible with projects needing to meet Approved Document L2 Table 4.1.

Insulated base units conform to Approved Document L2 Table 4.1, providing a U-Value <3.0W/(m²·K).

Certification

Snow Load	EN 12101-2	250–1000N
Wind Load	EN 12101-2	1500N
Resistance to Heat	EN 12101-2	B 300
Low Ambient Temperature	EN 12101-2	-25°C
Reliability	EN 12101-2	1000
Environmental	EN 12101-2	10,000
Water Tightness	EN 1873:2005	Pass

Flanges

- S3** Flange for roofs and façades
- S4** Flange for roofs and façades
- S5** Flange for upstand, 90° bended (this option is the standard profile)

* Custom flange design and insulated flanges upon request



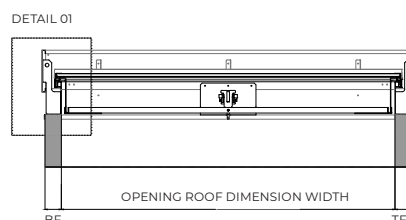
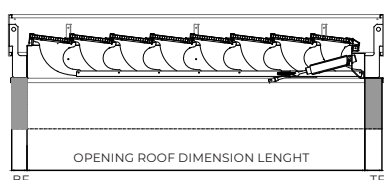
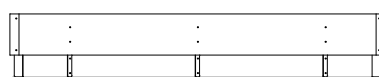
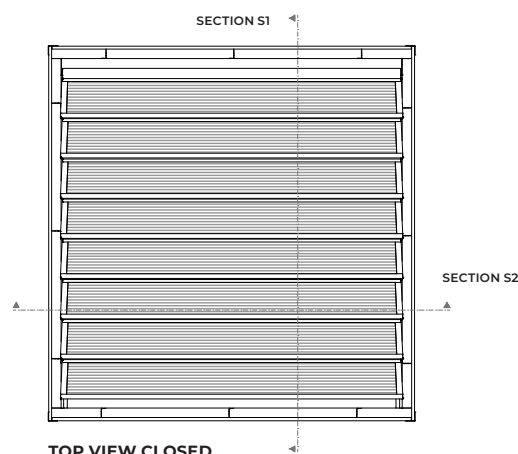
Optional Extras

- Polyester powder coating to any standard RAL colour
- Bird and insect mesh – please note that this will reduce the active area
- Insulated upstand
- Glass blades are available – for this option please see separate Technical Data Sheet for RLB-RG

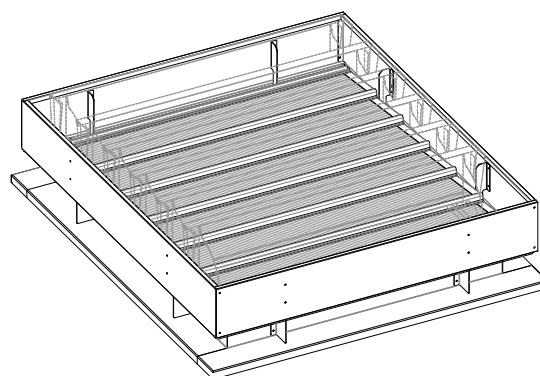
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Section Drawings

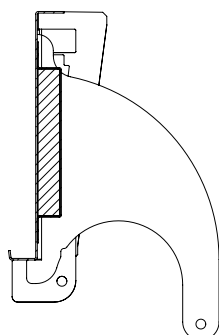


Perspective Drawing

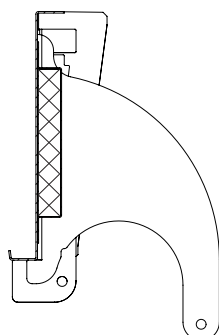


Blade Types

Aluminium
Insulated:

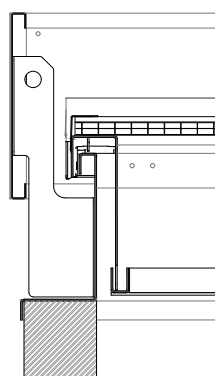


Polycarbonate
Multiwall:

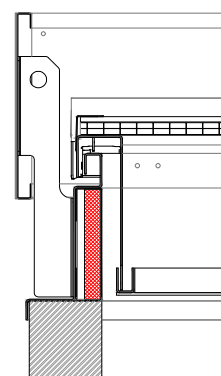


Base Types

Aluminium
Uninsulated:



Aluminium
Insulated:



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Roof Louvre Blade – Residential (RLB-R)

Standard Size Chart

Product Code	Roof Opening Size – L x W (mm)	No. of Blades	Geometric Area Av (m ²)	Aerodynamic Area Aa (m ²)	Free Area (m ²)	Weight (kg)
RLB-R.96.50	966 x 500	4	0.48	0.29	0.35	18
RLB-R.96.60	966 x 600	4	0.58	0.35	0.42	20
RLB-R.96.70	966 x 700	4	0.68	0.43	0.49	22
RLB-R.96.80	966 x 800	4	0.77	0.49	0.57	24
RLB-R.96.90	966 x 900	4	0.87	0.55	0.64	26
RLB-R.96.100	966 x 1000	4	0.97	0.61	0.72	29
RLB-R.96.110	966 x 1100	4	1.06	0.67	0.79	31
RLB-R.96.120	966 x 1200	4	1.16	0.74	0.86	33
RLB-R.96.130	966 x 1300	4	1.26	0.80	0.94	35
RLB-R.96.140	966 x 1400	4	1.35	0.87	1.01	37
RLB-R.96.150	966 x 1500	4	1.45	0.93	1.09	40
RLB-R.96.160	966 x 1600	4	1.55	0.99	1.16	42
RLB-R.96.170	966 x 1700	4	1.64	1.05	1.23	45
RLB-R.96.180	966 x 1800	4	1.74	1.11	1.31	47
RLB-R.96.190	966 x 1900	4	1.84	1.17	1.38	49
RLB-R.96.200	966 x 2000	4	1.93	1.24	1.46	51
RLB-R.96.210	966 x 2100	4	2.03	1.30	1.53	53
RLB-R.96.220	966 x 2200	4	2.13	1.36	1.60	54
RLB-R.96.230	966 x 2300	4	2.22	1.42	1.68	57
RLB-R.96.240	966 x 2400	4	2.32	1.48	1.75	62
RLB-R.118.50	1186 x 500	5	0.59	0.37	0.43	20
RLB-R.118.60	1186 x 600	5	0.71	0.44	0.53	22
RLB-R.118.70	1186 x 700	5	0.83	0.52	0.62	24
RLB-R.118.80	1186 x 800	5	0.95	0.60	0.71	26
RLB-R.118.90	1186 x 900	5	1.07	0.67	0.81	28
RLB-R.118.100	1186 x 1000	5	1.19	0.76	0.90	31
RLB-R.118.110	1186 x 1100	5	1.30	0.83	0.99	34
RLB-R.118.120	1186 x 1200	5	1.42	0.91	1.08	36
RLB-R.118.130	1186 x 1300	5	1.54	0.99	1.18	38
RLB-R.118.140	1186 x 1400	5	1.66	1.06	1.27	40
RLB-R.118.150	1186 x 1500	5	1.78	1.14	1.36	43
RLB-R.118.160	1186 x 1600	5	1.90	1.21	1.46	45
RLB-R.118.170	1186 x 1700	5	2.02	1.29	1.55	48
RLB-R.118.180	1186 x 1800	5	2.13	1.39	1.64	50
RLB-R.118.190	1186 x 1900	5	2.25	1.46	1.74	53
RLB-R.118.200	1186 x 2000	5	2.37	1.54	1.83	55

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Product Code	Roof Opening Size – L x W (mm)	No. of Blades	Geometric Area Av (m ²)	Aerodynamic Area Aa (m ²)	Free Area (m ²)	Weight (kg)
RLB-R.118.210	1186 x 2100	5	2.49	1.62	1.92	57
RLB-R.118.220	1186 x 2200	5	2.61	1.70	2.02	58
RLB-R.118.230	1186 x 2300	5	2.73	1.77	2.11	61
RLB-R.118.240	1186 x 2400	5	2.85	1.85	2.20	66
RLB-R.140.50	1406 x 500	6	0.70	0.44	0.52	23
RLB-R.140.60	1406 x 600	6	0.84	0.52	0.63	25
RLB-R.140.70	1406 x 700	6	0.98	0.62	0.74	27
RLB-R.140.80	1406 x 800	6	1.12	0.71	0.86	29
RLB-R.140.90	1406 x 900	6	1.27	0.80	0.97	31
RLB-R.140.100	1406 x 1000	6	1.41	0.90	1.08	34
RLB-R.140.110	1406 x 1100	6	1.55	0.99	1.19	37
RLB-R.140.120	1406 x 1200	6	1.69	1.08	1.31	39
RLB-R.140.130	1406 x 1300	6	1.83	1.17	1.42	42
RLB-R.140.140	1406 x 1400	6	1.97	1.26	1.53	44
RLB-R.140.150	1406 x 1500	6	2.11	1.37	1.64	47
RLB-R.140.160	1406 x 1600	6	2.25	1.46	1.76	49
RLB-R.140.170	1406 x 1700	6	2.39	1.55	1.87	52
RLB-R.140.180	1406 x 1800	6	2.53	1.65	1.98	54
RLB-R.140.190	1406 x 1900	6	2.67	1.74	2.09	57
RLB-R.140.200	1406 x 2000	6	2.81	1.83	2.20	59
RLB-R.140.210	1406 x 2100	6	2.95	1.92	2.32	61
RLB-R.140.220	1406 x 2200	6	3.09	2.01	2.43	63
RLB-R.140.230	1406 x 2300	6	3.23	2.10	2.54	66
RLB-R.140.240	1406 x 2400	6	3.37	2.19	2.65	71
RLB-R.162.50	1626 x 500	7	0.81	0.50	0.61	25
RLB-R.162.60	1626 x 600	7	0.98	0.60	0.74	27
RLB-R.162.70	1626 x 700	7	1.14	0.73	0.87	29
RLB-R.162.80	1626 x 800	7	1.30	0.83	1.00	31
RLB-R.162.90	1626 x 900	7	1.46	0.94	1.13	33
RLB-R.162.100	1626 x 1000	7	1.63	1.04	1.26	37
RLB-R.162.110	1626 x 1100	7	1.79	1.14	1.40	40
RLB-R.162.120	1626 x 1200	7	1.95	1.27	1.53	42
RLB-R.162.130	1626 x 1300	7	2.11	1.37	1.66	45
RLB-R.162.140	1626 x 1400	7	2.28	1.48	1.79	47
RLB-R.162.150	1626 x 1500	7	2.44	1.59	1.92	50
RLB-R.162.160	1626 x 1600	7	2.60	1.69	2.05	52
RLB-R.162.170	1626 x 1700	7	2.76	1.80	2.18	55
RLB-R.162.180	1626 x 1800	7	2.93	1.90	2.32	58

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Product Code	Roof Opening Size – L x W (mm)	No. of Blades	Geometric Area Av (m ²)	Aerodynamic Area Aa (m ²)	Free Area (m ²)	Weight (kg)
RLB-R.162.190	1626 x 1900	7	3.09	2.01	2.45	60
RLB-R.162.200	1626 x 2000	7	3.25	2.11	2.58	63
RLB-R.162.210	1626 x 2100	7	3.41	2.22	2.71	66
RLB-R.162.220	1626 x 2200	7	3.58	2.33	2.84	68
RLB-R.162.230	1626 x 2300	7	3.74	2.43	2.97	70
RLB-R.162.240	1626 x 2400	7	3.90	2.54	3.11	75
RLB-R.184.50	1846 x 500	8	0.92	0.57	0.69	27
RLB-R.184.60	1846 x 600	8	1.11	0.69	0.84	29
RLB-R.184.70	1846 x 700	8	1.29	0.83	0.99	31
RLB-R.184.80	1846 x 800	8	1.48	0.95	1.14	34
RLB-R.184.90	1846 x 900	8	1.66	1.06	1.30	36
RLB-R.184.100	1846 x 1000	8	1.85	1.18	1.45	40
RLB-R.184.110	1846 x 1100	8	2.03	1.30	1.60	43
RLB-R.184.120	1846 x 1200	8	2.22	1.44	1.75	45
RLB-R.184.130	1846 x 1300	8	2.40	1.56	1.90	48
RLB-R.184.140	1846 x 1400	8	2.58	1.68	2.05	50
RLB-R.184.150	1846 x 1500	8	2.77	1.80	2.20	53
RLB-R.184.160	1846 x 1600	8	2.95	1.92	2.35	56
RLB-R.184.170	1846 x 1700	8	3.14	2.04	2.50	59
RLB-R.184.180	1846 x 1800	8	3.32	2.16	2.65	62
RLB-R.184.190	1846 x 1900	8	3.51	2.28	2.80	64
RLB-R.184.200	1846 x 2000	8	3.69	2.40	2.95	67
RLB-R.184.210	1846 x 2100	8	3.88	2.56	3.11	69
RLB-R.184.220	1846 x 2200	8	4.06	2.68	3.26	70
RLB-R.184.230	1846 x 2300	8	4.25	2.80	3.41	74
RLB-R.184.240	1846 x 2400	8	4.43	2.92	3.56	80
RLB-R.206.50	2066 x 500	9	1.03	0.65	0.78	30
RLB-R.206.60	2066 x 600	9	1.24	0.78	0.95	32
RLB-R.206.70	2066 x 700	9	1.45	0.93	1.12	34
RLB-R.206.80	2066 x 800	9	1.65	1.06	1.29	37
RLB-R.206.90	2066 x 900	9	1.86	1.19	1.49	39
RLB-R.206.100	2066 x 1000	9	2.07	1.34	1.63	43
RLB-R.206.110	2066 x 1100	9	2.27	1.48	1.80	46
RLB-R.206.120	2066 x 1200	9	2.48	1.61	1.97	49
RLB-R.206.130	2066 x 1300	9	2.69	1.75	2.14	51
RLB-R.206.140	2066 x 1400	9	2.89	1.88	2.31	54
RLB-R.206.150	2066 x 1500	9	3.10	2.01	2.48	57
RLB-R.206.160	2066 x 1600	9	3.31	2.15	2.65	59

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Product Code	Roof Opening Size – L x W (mm)	No. of Blades	Geometric Area Av (m²)	Aerodynamic Area Aa (m²)	Free Area (m²)	Weight (kg)
RLB-R.206.170	2066 x 1700	9	3.51	2.28	2.82	62
RLB-R.206.180	2066 x 1800	9	3.72	2.45	2.99	65
RLB-R.206.190	2066 x 1900	9	3.93	2.59	3.16	68
RLB-R.206.200	2066 x 2000	9	4.13	2.73	3.33	71
RLB-R.206.210	2066 x 2100	9	4.34	2.86	3.50	73
RLB-R.206.220	2066 x 2200	9	4.55	3.00	3.67	75
RLB-R.206.230	2066 x 2300	9	4.75	3.14	3.84	79
RLB-R.206.240	2066 x 2400	9	4.96	3.27	4.01	84
RLB-R.228.50	2286 x 500	10	1.14	0.72	0.87	32
RLB-R.228.60	2286 x 600	10	1.37	0.86	1.06	34
RLB-R.228.70	2286 x 700	10	1.60	1.02	1.24	36
RLB-R.228.80	2286 x 800	10	1.83	1.17	1.43	39
RLB-R.228.90	2286 x 900	10	2.06	1.32	1.62	41
RLB-R.228.100	2286 x 1000	10	2.29	1.49	1.81	45
RLB-R.228.110	2286 x 1100	10	2.51	1.63	2.00	49
RLB-R.228.120	2286 x 1200	10	2.74	1.78	2.19	52
RLB-R.228.130	2286 x 1300	10	2.97	1.93	2.38	54
RLB-R.228.140	2286 x 1400	10	3.20	2.08	2.57	57
RLB-R.228.150	2286 x 1500	10	3.43	2.23	2.76	60
RLB-R.228.160	2286 x 1600	10	3.66	2.38	2.95	63
RLB-R.228.170	2286 x 1700	10	3.89	2.53	3.14	66
RLB-R.228.180	2286 x 1800	10	4.11	2.72	3.33	69
RLB-R.228.190	2286 x 1900	10	4.34	2.87	3.51	72
RLB-R.228.200	2286 x 2000	10	4.57	3.02	3.70	75
RLB-R.228.210	2286 x 2100	10	4.80	3.17	3.89	77
RLB-R.228.220	2286 x 2200	10	5.03	3.32	4.08	79
RLB-R.228.230	2286 x 2300	10	5.26	3.47	4.27	83
RLB-R.228.240	2286 x 2400	10	5.49	3.62	4.46	89
RLB-R.250.50	2506 x 500	11	1.25	0.79	0.93	34
RLB-R.250.60	2506 x 600	11	1.50	0.95	1.16	36
RLB-R.250.70	2506 x 700	11	1.75	1.12	1.37	38
RLB-R.250.80	2506 x 800	11	2.00	1.28	1.58	41
RLB-R.250.90	2506 x 900	11	2.26	1.44	1.79	43
RLB-R.250.100	2506 x 1000	11	2.51	1.63	1.99	48
RLB-R.250.110	2506 x 1100	11	2.76	1.79	2.20	52
RLB-R.250.120	2506 x 1200	11	3.01	1.95	2.41	55
RLB-R.250.130	2506 x 1300	11	3.26	2.12	2.62	57
RLB-R.250.140	2506 x 1400	11	3.51	2.28	2.83	60

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RLB-R.250.150	2506 x 1500	11	3.76	2.48	3.04	63
RLB-R.250.160	2506 x 1600	11	4.01	2.65	3.25	66
RLB-R.250.170	2506 x 1700	11	4.26	2.81	3.45	69
RLB-R.250.180	2506 x 1800	11	4.51	2.98	3.66	72
RLB-R.250.190	2506 x 1900	11	4.76	3.14	3.87	76
RLB-R.250.200	2506 x 2000	11	5.01	3.31	4.08	79
RLB-R.250.210	2506 x 2100	11	5.26	3.47	4.29	81
RLB-R.250.220	2506 x 2200	11	5.51	3.64	4.50	83
RLB-R.250.230	2506 x 2300	11	5.76	3.80	4.70	87
RLB-R.250.240	2506 x 2400	11	6.01	3.97	4.91	93
RLB-R.272.50	2726 x 500	12	1.36	0.86	1.04	37
RLB-R.272.60	2726 x 600	12	1.64	1.03	1.27	39
RLB-R.272.70	2726 x 700	12	1.91	1.22	1.49	41
RLB-R.272.80	2726 x 800	12	2.18	1.40	1.72	44
RLB-R.272.90	2726 x 900	12	2.45	1.57	1.95	46
RLB-R.272.100	2726 x 1000	12	2.73	1.77	2.18	51
RLB-R.272.110	2726 x 1100	12	3.00	1.95	2.41	56
RLB-R.272.120	2726 x 1200	12	3.27	2.13	2.63	59
RLB-R.272.130	2726 x 1300	12	3.54	2.30	2.86	61
RLB-R.272.140	2726 x 1400	12	3.82	2.48	3.09	64
RLB-R.272.150	2726 x 1500	12	4.09	2.70	3.32	67
RLB-R.272.160	2726 x 1600	12	4.36	2.88	3.54	70
RLB-R.272.170	2726 x 1700	12	4.63	3.06	3.77	73
RLB-R.272.180	2726 x 1800	12	4.91	3.24	4.00	76
RLB-R.272.190	2726 x 1900	12	5.18	3.42	4.23	78
RLB-R.272.200	2726 x 2000	12	5.45	3.60	4.45	81
RLB-R.272.210	2726 x 2100	12	5.72	3.78	4.68	85
RLB-R.272.220	2726 x 2200	12	6.00	3.96	4.91	88
RLB-R.272.230	2726 x 2300	12	6.27	4.14	5.14	92
RLB-R.272.240	2726 x 2400	12	6.54	4.32	5.36	96
RLB-R.294.50	2946 x 500	13	1.47	0.93	1.13	38
RLB-R.294.60	2946 x 600	13	1.77	1.11	1.37	41
RLB-R.294.70	2946 x 700	13	2.06	1.32	1.62	44
RLB-R.294.80	2946 x 800	13	2.36	1.51	1.87	46
RLB-R.294.90	2946 x 900	13	2.65	1.70	2.11	49
RLB-R.294.100	2946 x 1000	13	2.95	1.91	2.36	54
RLB-R.294.110	2946 x 1100	13	3.24	2.11	2.61	58
RLB-R.294.120	2946 x 1200	13	3.54	2.30	2.85	61

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RLB-R.294.130	2946 x 1300	13	3.83	2.49	3.10	64
RLB-R.294.140	2946 x 1400	13	4.12	2.68	3.35	67
RLB-R.294.150	2946 x 1500	13	4.42	2.92	3.59	70
RLB-R.294.160	2946 x 1600	13	4.71	3.11	3.84	73
RLB-R.294.170	2946 x 1700	13	5.01	3.31	4.09	76
RLB-R.294.180	2946 x 1800	13	5.30	3.50	4.33	79
RLB-R.294.190	2946 x 1900	13	5.60	3.69	4.58	82
RLB-R.294.200	2946 x 2000	13	5.89	3.89	4.83	85
RLB-R.294.210	2946 x 2100	13	6.19	4.08	5.08	88
RLB-R.294.220	2946 x 2200	13	6.48	4.28	5.32	90
RLB-R.294.230	2946 x 2300	13	6.78	4.47	5.57	96
RLB-R.294.240	2946 x 2400	13	7.07	4.67	5.82	102
RLB-R.316.50	3166 x 500	14	1.58	1.00	1.21	40
RLB-R.316.60	3166 x 600	14	1.90	1.20	1.48	43
RLB-R.316.70	3166 x 700	14	2.22	1.42	1.75	46
RLB-R.316.80	3166 x 800	14	2.53	1.62	2.01	48
RLB-R.316.90	3166 x 900	14	2.85	1.82	2.28	51
RLB-R.316.100	3166 x 1000	14	3.17	2.06	2.54	56
RLB-R.316.110	3166 x 1100	14	3.48	2.26	2.81	61
RLB-R.316.120	3166 x 1200	14	3.80	2.47	3.08	64
RLB-R.316.130	3166 x 1300	14	4.12	2.68	3.34	67
RLB-R.316.140	3166 x 1400	14	4.43	2.88	3.61	70
RLB-R.316.150	3166 x 1500	14	4.75	3.13	3.87	73
RLB-R.316.160	3166 x 1600	14	5.07	3.34	4.14	77
RLB-R.316.170	3166 x 1700	14	5.38	3.55	4.41	80
RLB-R.316.180	3166 x 1800	14	5.70	3.76	4.67	83
RLB-R.316.190	3166 x 1900	14	6.02	3.97	4.94	86
RLB-R.316.200	3166 x 2000	14	6.33	4.18	5.20	89
RLB-R.316.210	3166 x 2100	14	6.65	4.39	5.47	92
RLB-R.316.220	3166 x 2200	14	6.97	4.60	5.74	94
RLB-R.316.230	3166 x 2300	14	7.28	4.81	6.00	100
RLB-R.316.240	3166 x 2400	14	7.60	5.01	6.27	107
RLB-R.338.50	3386 x 500	15	1.69	1.07	1.30	42
RLB-R.338.60	3386 x 600	15	2.03	1.28	1.59	45
RLB-R.338.70	3386 x 700	15	2.37	1.54	1.87	48
RLB-R.338.80	3386 x 800	15	2.71	1.76	2.16	50
RLB-R.338.90	3386 x 900	15	3.05	1.98	2.44	53
RLB-R.338.100	3386 x 1000	15	3.39	2.20	2.73	59

Technical Data Sheet –

Roof Louvre Blade – Residential (RLB-R)

Product Code	Roof Opening Size – L x W (mm)	No. of Blades	Geometric Area Av (m ²)	Aerodynamic Area Aa (m ²)	Free Area (m ²)	Weight (kg)
RLB-R.338.110	3386 x 1100	15	3.72	2.42	3.01	64
RLB-R.338.120	3386 x 1200	15	4.06	2.68	3.30	67
RLB-R.338.130	3386 x 1300	15	4.40	2.91	3.58	71
RLB-R.338.140	3386 x 1400	15	4.74	3.13	3.87	74
RLB-R.338.150	3386 x 1500	15	5.08	3.35	4.15	77
RLB-R.338.160	3386 x 1600	15	5.42	3.58	4.44	80
RLB-R.338.170	3386 x 1700	15	5.76	3.80	4.72	83
RLB-R.338.180	3386 x 1800	15	6.09	4.02	5.01	86
RLB-R.338.190	3386 x 1900	15	6.43	4.25	5.29	90
RLB-R.338.200	3386 x 2000	15	6.77	4.47	5.58	93
RLB-R.338.210	3386 x 2100	15	7.11	4.69	5.86	97
RLB-R.338.220	3386 x 2200	15	7.45	4.92	6.15	100
RLB-R.338.230	3386 x 2300	15	7.79	5.14	6.43	105
RLB-R.338.240	3386 x 2400	15	8.13	5.36	6.72	111
RLB-R.360.50	3606 x 500	16	1.80	1.14	1.39	45
RLB-R.360.60	3606 x 600	16	2.16	1.36	1.69	48
RLB-R.360.70	3606 x 700	16	2.52	1.64	2.00	51
RLB-R.360.80	3606 x 800	16	2.88	1.88	2.30	53
RLB-R.360.90	3606 x 900	16	3.25	2.11	2.60	56
RLB-R.360.100	3606 x 1000	16	3.61	2.34	2.91	62
RLB-R.360.110	3606 x 1100	16	3.97	2.58	3.21	67
RLB-R.360.120	3606 x 1200	16	4.33	2.86	3.52	70
RLB-R.360.130	3606 x 1300	16	4.69	3.09	3.82	74
RLB-R.360.140	3606 x 1400	16	5.05	3.33	4.13	77
RLB-R.360.150	3606 x 1500	16	5.41	3.57	4.43	80
RLB-R.360.160	3606 x 1600	16	5.77	3.81	4.73	84
RLB-R.360.170	3606 x 1700	16	6.13	4.05	5.04	87
RLB-R.360.180	3606 x 1800	16	6.49	4.28	5.34	90
RLB-R.360.190	3606 x 1900	16	6.85	4.52	5.65	94
RLB-R.360.200	3606 x 2000	16	7.21	4.76	5.95	97
RLB-R.360.210	3606 x 2100	16	7.57	5.00	6.26	101
RLB-R.360.220	3606 x 2200	16	7.93	5.24	6.56	104
RLB-R.360.230	3606 x 2300	16	8.29	5.47	6.87	109
RLB-R.360.240	3606 x 2400	16	8.65	5.71	7.17	115
RLB-R.382.50	3826 x 500	17	1.91	1.21	1.47	48
RLB-R.382.60	3826 x 600	17	2.30	1.45	1.80	50
RLB-R.382.70	3826 x 700	17	2.68	1.74	2.12	53
RLB-R.382.80	3826 x 800	17	3.06	1.99	2.44	56

Technical Data Sheet –

Roof Louvre Blade – Residential (RLB-R)

Product Code	Roof Opening Size – L x W (mm)	No. of Blades	Geometric Area Av (m ²)	Aerodynamic Area Aa (m ²)	Free Area (m ²)	Weight (kg)
RLB-R.382.90	3826 x 900	17	3.44	2.24	2.77	58
RLB-R.382.100	3826 x 1000	17	3.83	2.49	3.09	64
RLB-R.382.110	3826 x 1100	17	4.21	2.74	3.41	70
RLB-R.382.120	3826 x 1200	17	4.59	3.03	3.74	74
RLB-R.382.130	3826 x 1300	17	4.97	3.28	4.06	77
RLB-R.382.140	3826 x 1400	17	5.36	3.54	4.39	81
RLB-R.382.150	3826 x 1500	17	5.74	3.79	4.71	84
RLB-R.382.160	3826 x 1600	17	6.12	4.04	5.03	87
RLB-R.382.170	3826 x 1700	17	6.50	4.29	5.36	90
RLB-R.382.180	3826 x 1800	17	6.89	4.55	5.68	94
RLB-R.382.190	3826 x 1900	17	7.27	4.80	6.00	97
RLB-R.382.200	3826 x 2000	17	7.65	5.05	6.33	101
RLB-R.382.210	3826 x 2100	17	8.03	5.30	6.65	105
RLB-R.382.220	3826 x 2200	17	8.42	5.56	6.97	109
RLB-R.382.230	3826 x 2300	17	8.80	5.81	7.30	114
RLB-R.382.240	3826 x 2400	17	9.18	6.06	7.62	119