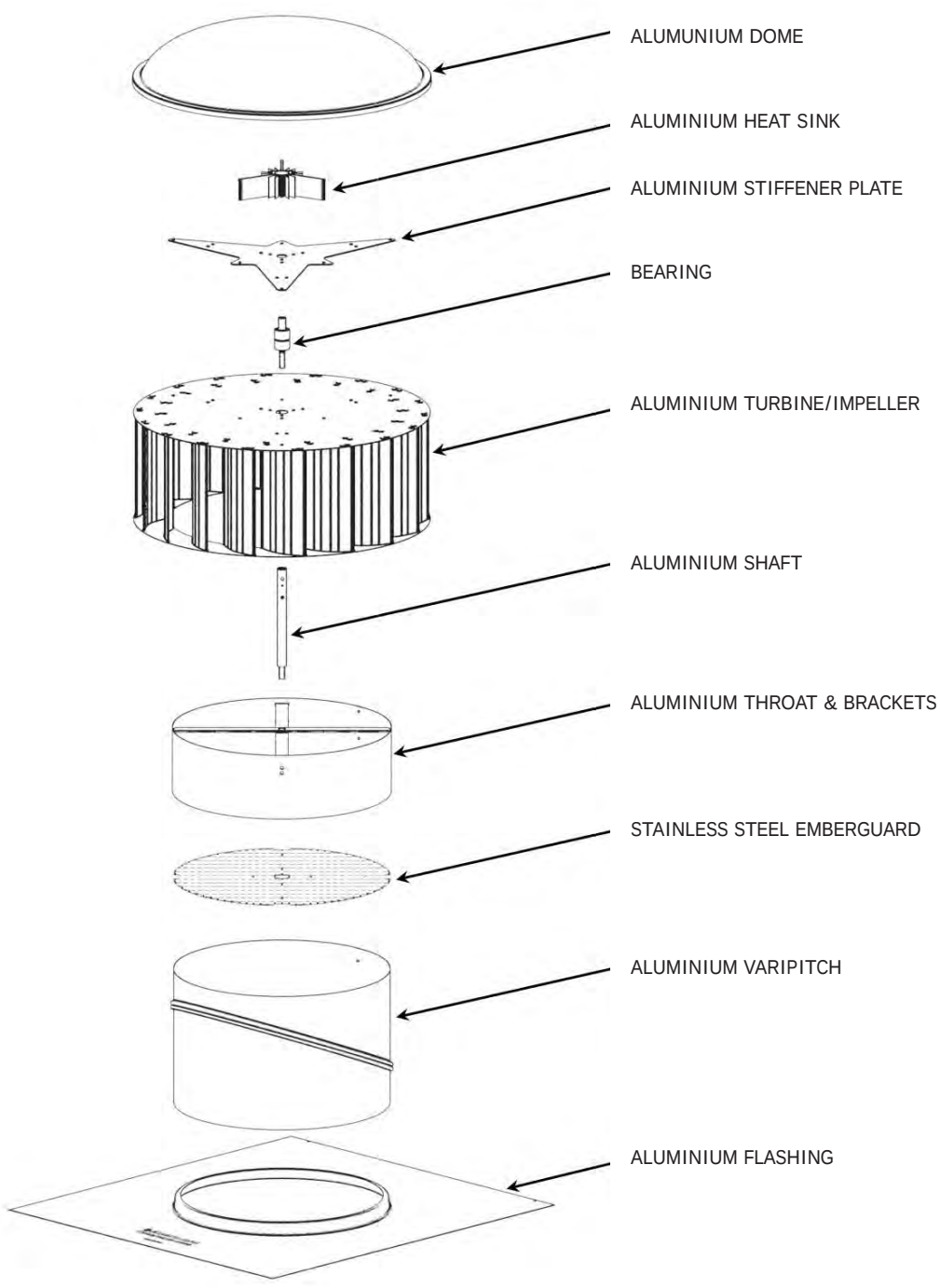
EXPLODED VIEW

Model BAL300 - BAL400



AIRAH COMPANY MEMBER

National Export Award for Edmonds Business

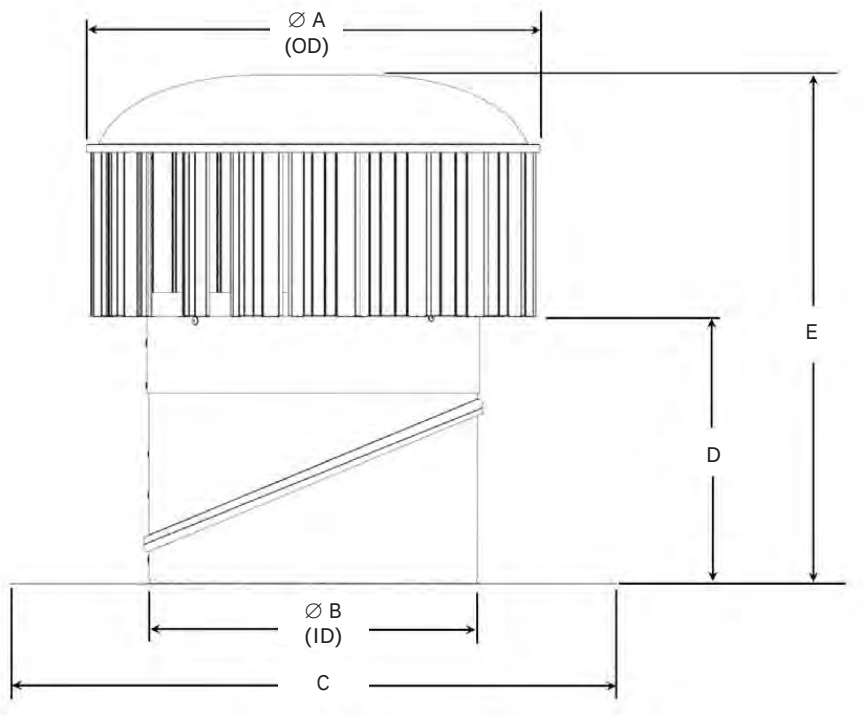
Quality Management ISO 9001 Global-Mark.com.au®
Quality Management standard for Edmonds Seven Hills facility

CONFIGURABLE PRODUCT
WATER INGRESS PROTECTED
SUITABLE FOR HIGH WINDSPEED
DESIGNED

PRODUCT DIMENSION & WEIGHT

Model BAL300 - BAL400

Turbine, Varipitch and Flashing[1]



A : Overall turbine diameter B : Internal diameter of flashing opening C: Flashing Overall
D : Clearance flashing to turbine E : Overall Height

In Metric Units

Model	Dimensions* (mm)					Weight
	ØA	ØB	C	D	E	kg
BAL 300	477	298	600 x 500	225	480	4.90
BAL 400	561	401	750 x 700	274	564	6.30

* Tolerance is within +/- 5mm and +/- 0.5kgs

In Imperial Units

Model	Dimensions# (inches)					Weight
	ØA	ØB	C	D	E	lb
BAL 300	18.8	11.73	23.6 x 19.7	9	18.9	10.80
BAL 400	22.1	15.79	29.5 x 27.6	11	22.2	13.89

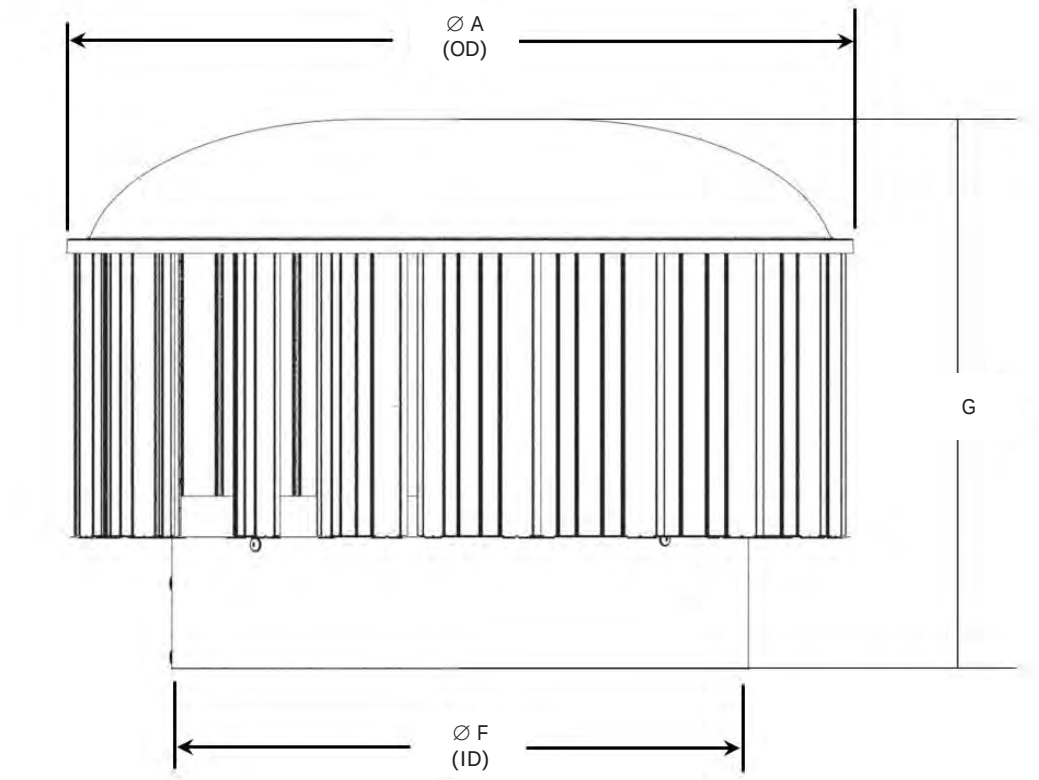
Tolerance is within +/- 0.2 inches and +/- 1.1lbs

[1] The Hurricane throat overlaps the Varipitch. The height listed above is with the maximum overlap (lowest overall height). Revolving the Varipitch to suit a roof slope also reduces the complete ventilator's overall height.

PRODUCT DIMENSION & WEIGHT

Model BAL300 - BAL400

Turbine



A : Overall turbine diameter F : Effective inner throat opening area G: Overall turbine only height

In Metric Units

Model	Dimensions*(mm)			Weight
	∅A	∅F	G	kg
BAL 300	477	308	384	3.70
BAL 400	561	410	389	4.50

* Tolerance is within +/- 5mm and +/- 0.5kgs

In Imperial Units

Model	Dimensions#(inches)			Weight
	∅A	∅F	G	lb
BAL 300	18.8	12.1	15.1	10.80
BAL 400	22.1	16.1	15.3	13.89

Tolerance is within +/- 0.2 inches and +/- 1.1lbs

PRODUCT CLASSIFICATION AND PERFORMANCE

Model BAL300 - BAL400

PRODUCT INFORMATION SUMMARY

Ventilator Range	Hurricane®	
Ventilator Model	BAL 300	BAL 400
Ventilator Type	Type 4 - Rotating wind-driven roof ventilator	
Ventilator Performance Class (AS/NZS 4740:2000 Table 1.2)		
Rain Resistance	50 m/s No Water - Class A	50 m/s No Water - Class A
Effective Aerodynamic Area, EAA	0.044 m^2	0.078 m^2
Effective Aerodynamic Area, C_d	N/A	N/A
Flow Coefficient, C_f	N/A	N/A
Wind Loading	31m/s - Level 3	31m/s - Level 3
Nominal Performance* (m^3/hr)		
0 m/s	N/A	N/A
3 m/s	N/A	N/A
6 m/s	N/A	N/A

*In accordance to AS/NZS 4740:2000 nominal performance parameters, as per cl3.5 at h = 6m, $\Delta T = 14^oC$, $T = 20^o$

PERFORMANCE

Natural wind ventilators must be manufactured in Australia and in an ISO 9001 certified factory. They must:

- Be tested in accordance to the Australian and New Zealand standard AS/NZS 4740:2000 Performance of Natural Ventilation
- Meet the requirements of AS/NZS 3959 Construction of Buildings in Bush Fire Prone area
- Must be constructed with high Non-Combustible engineering materials.
- Have the tested capability of withstanding wind speed of 111.6km/hr.

FINISHES

Available in aluminium finish or a range of powder coat colours upon request.

ACCESSORIES

When specified, accessories such as manual damper, electric damper, EC damper grilles, and special bases (spigot, square to round and EX Base) are available upon request.

WARRANTIES

CSR Building Products Limited ABN 55 008 631 356 T/A Bradford ("Bradford") warrants from the date of install, for a period of FIFTEEN (15) YEARS that the Bradford Hurricane® Natural Ventilator turbine and body will retain its performance characteristics and be free from faulty materials and workmanship on the condition that the vent is installed in accordance to the installation instructions and was not subject to fire conditions or any exposure to prolong heat. Please refer to Warranty Document on bradfordventilation.com.au for full details.