



# 10 SERIES

NATURAL VENTILATION REVOLUTION

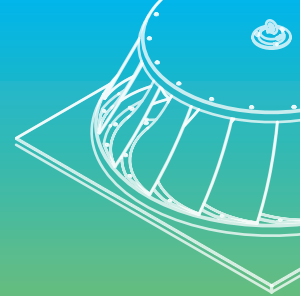
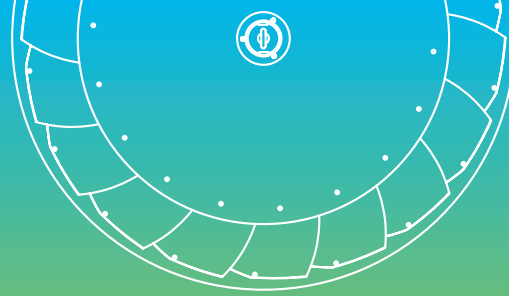
LOW-PROFILE | HIGHEST PERFORMING ROTARY VENT



1800 805 062  
airocle.com.au



The new 10 Series  
Natural ventilation revolution



## World-class performance

Our revolutionary ultra low profile design generates 60% higher performance than straight vane ventilators, providing a cost-efficient and ultra high performance solution to suit your building requirements.



## Design and manufactured

The product is designed and manufactured in Australia, using sustainable and eco-friendly materials. Its aerodynamic, bespoke turbine blade design efficiently extracts warm air and is protected by a worldwide design patent in Australia, USA, Europe, and UAE



## Revolutionary aesthetic

The revolutionary aesthetic of the design features an ultra low-profile and sleek appearance, making it both modern and sophisticated.

## PRODUCT SPECIFICATION

THROAT DIAMETER (mm) = 600

COEFFICIENT OF DISCHARGE = 0.743

COEFFICIENT OF FLOW = 0.36

EFFECTIVE AERODYNAMIC AREA (m<sup>2</sup>) = 0.21

DOUBLE PRECISION DEEP GROOVE BALL BEARING DESIGN

## PERFORMANCE CLASSIFICATION

RAIN RESISTANCE: CLASS A

WIND LOADING: LEVEL 1

EFFECTIVE AERODYNAMIC AREA: CLASS 1

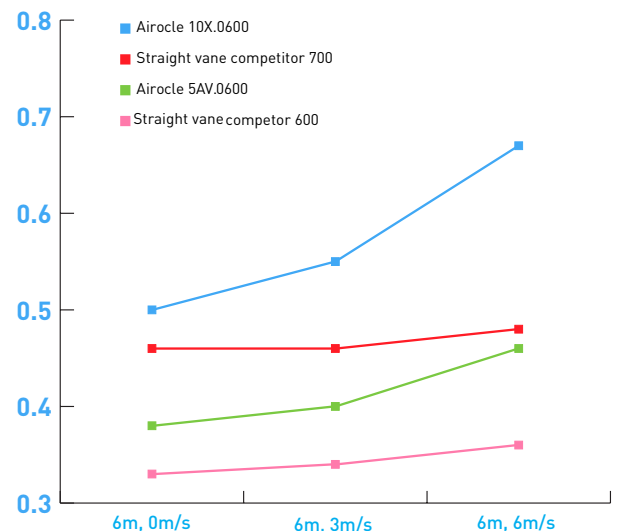
FLOW OF COEFFICIENT: CLASS 3

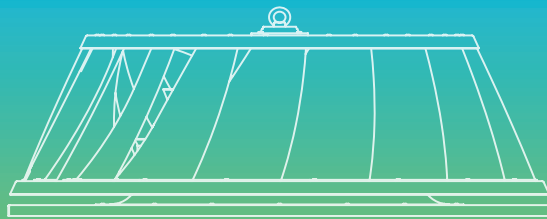
## AIROCLE VS COMPETITORS

### Airflow (m<sup>3</sup>/s)

Stack Height, Wind velocity	6m, 0m/s 14 C°	6m, 3m/s 14 C°	6m, 6m/s 14 C°
50V.0600	0.38	0.40	0.46
C600	0.33	0.34	0.36
C700	0.46	0.46	0.48
10X.0600	0.50	0.55	0.67

\*C600/C700 = Equivalent Straight Vane Competitor Vents





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### Easy to install

The intuitive design simplifies installation with its straightforward 3-step process: Cut the roof opening, install the base, and attach the vent head.



### Architectural design flexibility

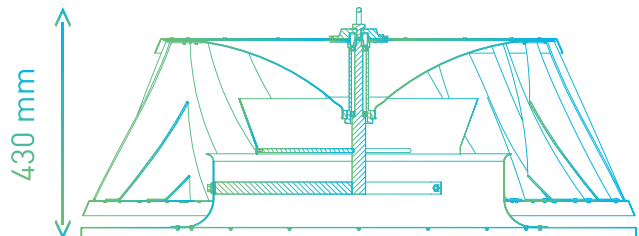
The product offers architectural design flexibility and is suitable for all roof pitch types, with an impressive rain testing performance from 0-18 degrees.



### Independently tested & validated

This product has been independently tested and validated for its performance, undergoing wind and rain testing in the USA by Intertek and, Cd and Cf were wind-tunnel tested by CPP in Sydney, AU to AS 4740:2000.

**HALF THE SIZE**  
**60% HIGHER PERFORMANCE**  
**COMPARED TO**  
**HIGHEST PERFORMING**  
**STRAIGHT VANE**  
**ROTARY VENTILATOR**

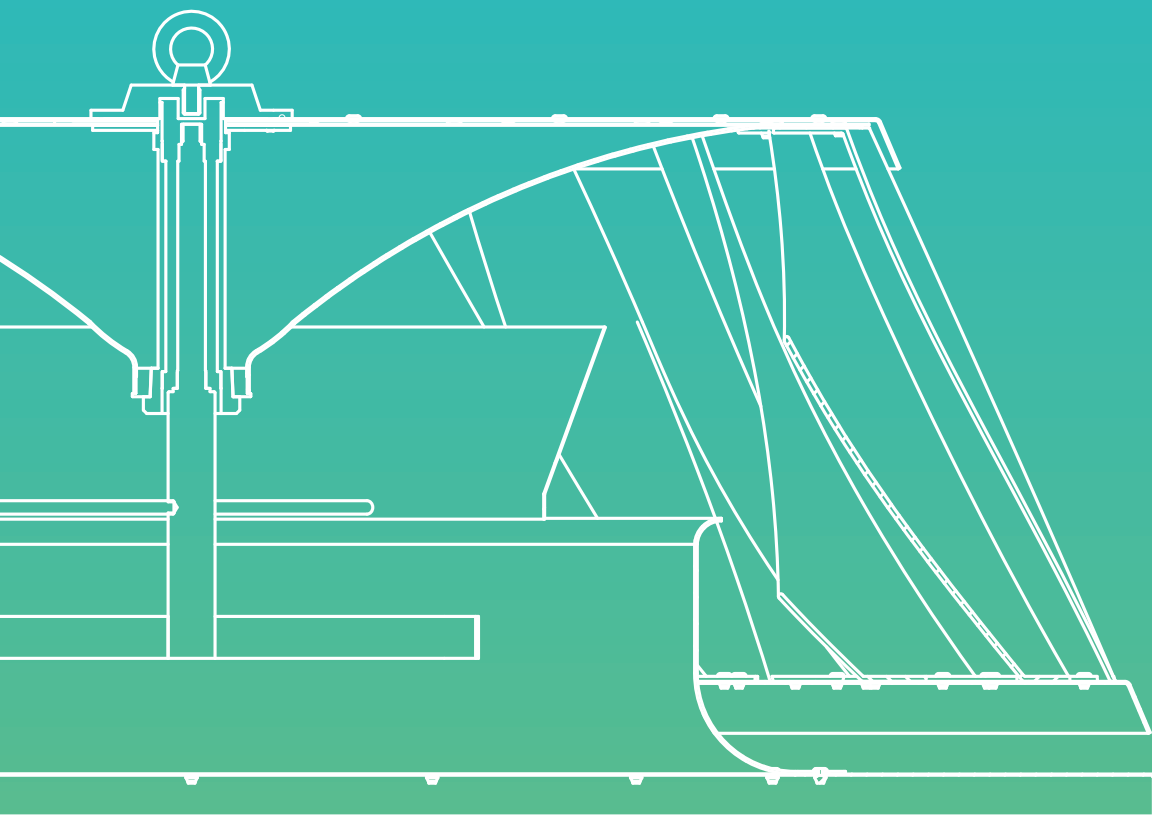


**EXPERIENCE THE LATEST**  
**NATURAL VENTILATION**  
**REVOLUTION**



#### Disclaimers

Performance comparisons between vents are made based on similar throat sizes. Performance comparison is based on AS 4740 ambient parameters for nominal performance where Temperature Difference = 14°C, wind velocity = 3 m/s, stack height = 6m. Classifications are based on AS 4740: 2000 Natural Ventilators— Classification and performance Note: Rain resistance Class A is classified based on AS 2428.1-2004 Clause 7.2



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## Disclaimers

Images are for illustration purposes only.

Any information described in this document shall be taken as advice only without any liability to Airocle or its employees. Errors & omissions excepted. Product specifications may be subject to updates without prior notice. Please refer to the Airocle website for up-to-date documentation and information or call 1800 805 062 to speak to us.