

EcoPower

EcoPower provides flexible control of your application with the ability to integrate into an existing BMS, or use Air iQ for customised temperature and humidity response tailored to your building's needs.

AIR IQ CUSTOMISED CONTROLS

EcoPower® with Air iQ controller is able to regulate the fan speed based on temperature and humidity response for effective flow control. The control options are as below.

Customised options:

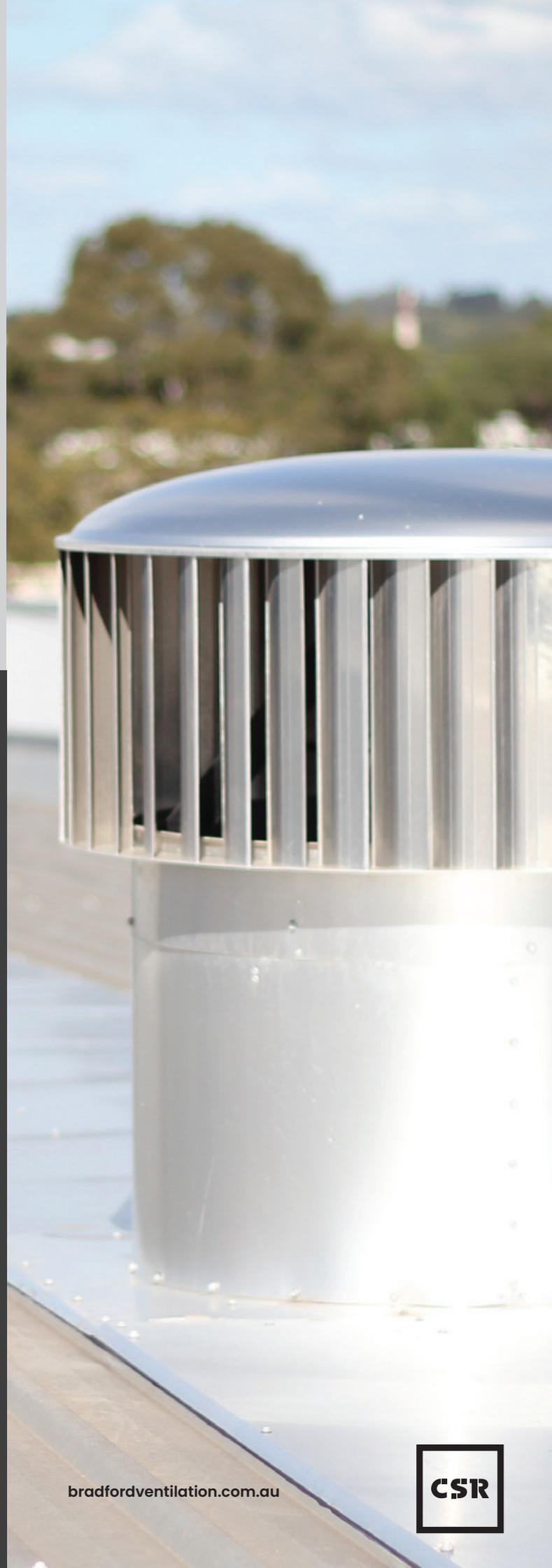
1. Customised temperature only control
2. Customised humidity only control
3. Customised temperature and humidity control

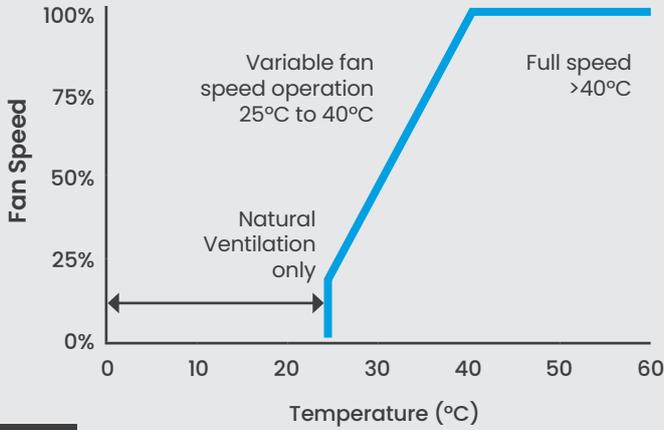
Customised options refer to settings created especially for a customer.

Factory pre-set options:

1. Temperature only control
2. Humidity only control
3. Temperature and humidity

Customer decides on the factory pre-set options: default temp, fixed temp, default humidity, fixed humidity.



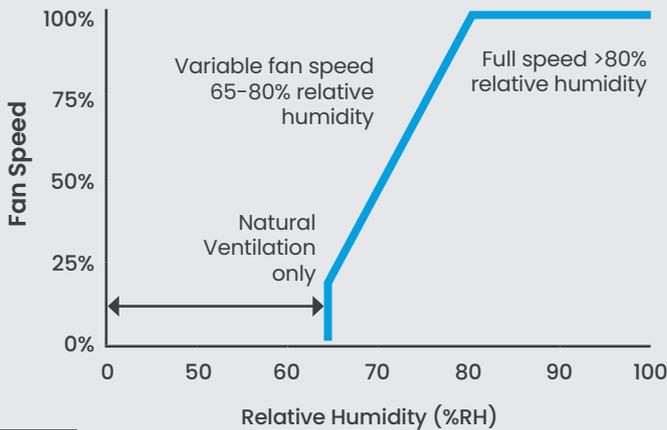


Graph A

Fan Speed & Temperature

Graph A depicts EcoPower's Air iQ response to temperature changes within the space. It works as passive ventilation until the temperature reaches 25°C.

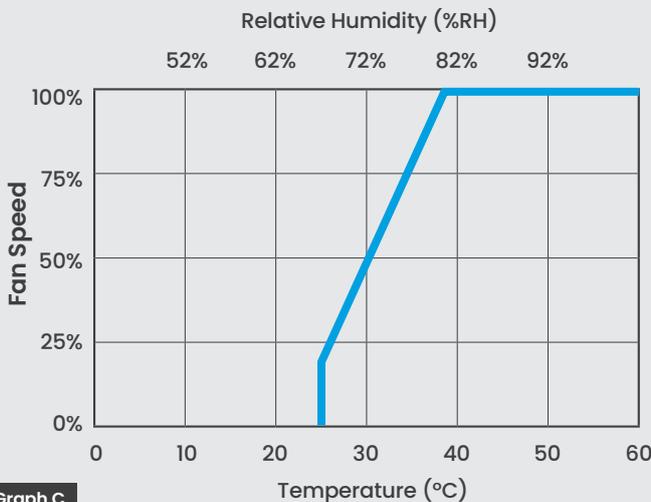
Graph B



Graph B

Fan Speed & Relative Humidity

Graph B depicts EcoPower's Air iQ response to relative humidity changes within the space. It works as passive ventilation until the %RH reaches 67%RH.



Graph C

Fan Speed, Temperature & Humidity

Graph C shows the EcoPower's fan speed increasing in response to its analysis of the relative humidity and temperature. The EcoPower only turns on when it is at minimum 25°C or at 67%RH, whichever comes first. Prior to this it works in passive mode.

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