

## NEW BUILD PROJECTS

Compliance Requirements Include:

- Continuous Extraction with Boost
- EC Fans Energy Efficient
- Quiet Operation



Homestar is the NZ Green Building Council holistic tool that awards points across various credits to rate a home's performance and environmental impact. There are mandatory minimum requirements to encourage and recognise ventilation measures that control indoor moisture levels, improve indoor environment for occupants, reduce respiratory illnesses and the risk of mould, and increase the durability of the dwelling.



\*6 \*7 60-69.9 70-79.9 Points\* Points\*



80-89.9 Points\* 90-99.9 Points\* WORLD LEADING

100+ Points\*

\*The points are for the total home specifications

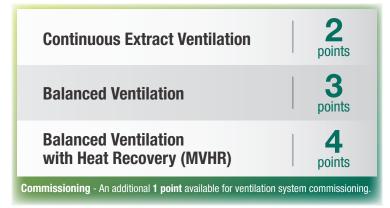
#### **Ventilation Mandatory Minimums**

<b>₩</b> 6&7	<b>₩</b> 8	<b>\$</b> 9&10
2 points	3 points	4 points

#### **Ventilation Credit Criteria**

Up to 4 points are available where it is demonstrated that indoor moisture levels have been managed through one of the three methods listed below. An additional **1 point** available for commissioning.\*

#### **Moisture Management Through Ventilation**



### Compliant NZGBC ECCHO\* Products - Moisture Management Through Ventilation

#### **MANROSE**

GENIUS
Continuous Extract with Boost









\* Products listed on NZGBC's Energy Carbon Calculator for Homes (ECCHO) - the online design compliance tool for Homestar Designers.

## **NEW BUILD PROJECTS**









Occupancy Sensor

nperature Sensor Automation

di. Variable Speed



Humidity Sensor Automation





**FAN6844** 

homestar v5 6-8

#### **Technical Specifications**

Power 220-240V AC, 50Hz

DC Motor Type

Fan Speed - Low Continuous

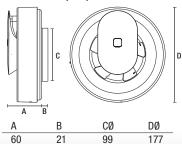
- High Continuous 16 l/s - Boost 30 l/s

Max Watts 4W **Duct Length Supplied** 320mm Sound 17-20 dB(A)

Protection Rating IP44

Mounting Ceiling, panel or wall

#### **Dimensions (mm)**





#### from Vent-Axia.



Continuous Extract with **Automated Humidity Control** 



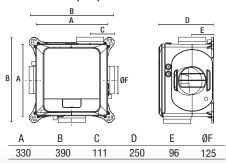
**Ultra Quiet & Energy Efficient Performance** 

#### **Technical Specifications**

220-240V AC, 50Hz

85W Maximum Power Maximum Pressure 810 Pa Free Air Performance 159 l/s 123 l/s Air Volume @ 200 Pa Minimum Specific Fan Power 0.14 W/I/s Maximum Specific Fan Power 0.68 W/I/s Sound 52 dB(A) Protection Rating IPX2

#### **Dimensions (mm)**



# **Improved Indoor Air Quality**





**FAN7200** 

## **Smart**Vent balance

#### **HEAT RECOVERY SYSTEM**

Delivers up to 90% efficiency with a counterflow core.

#### **Technical Specifications**

**BAL225 BAL405** 3 Outlets + 1 Extract

220-240V AC, 50Hz Power Motor Type EC Centrifugal **Total Input Power** 128W 173W Fan Speeds 10 10 Maximum Pressure 380 Pa

Maximum Air Flow 76 l/s, 275m3/hr per Fan @0 Pa

Maximum Air Flow 62 l/s, 223m3/hr per Fan @150 Pa

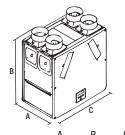
Sound 39 dB(A) 5 Outlets + 2 Extract

220-240V AC, 50Hz EC Centrifugal 600 Pa 136 l/s, 490m3/hr

110 l/s, 395m3/hr

39 dB(A)

#### **Dimensions (mm)**



	А	D	U
BAL225	285	650	550
BAL405	524	745	776



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9-10

