



# 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.

<b>GOOD STANDARD</b> *6 *7 60-69.9 Points*   70-79.9 Points*	<b>BEST PRACTICE</b> *8 *9 80-89.9 Points*   90-99.9 Points*	<b>WORLD LEADING</b> *10 100+ Points*
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\*The points are for the total home specifications

### Ventilation Mandatory Minimums

*6 & 7 2 points	*8 3 points	*9 & 10 4 points
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### 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

Continuous Extract Ventilation	2 points
Balanced Ventilation	3 points
Balanced Ventilation with Heat Recovery (MVHR)	4 points

**Commissioning** - An additional 1 point available for ventilation system commissioning.

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

**MANROSE**

**GENIUS**  
Continuous Extract with Boost

FAN6844

\*6-8\*  
GOOD STANDARD  
2-3 points

**Vent-Axia**

**MultiVent**  
— Continuous Extract Ventilation - 3 Room —

FAN7200

\*6-8\*  
BEST PRACTICE  
2-3 points

**SmartVent balance**

BAL225  
BAL405

\*9-10\*  
WORLD LEADING  
4 points

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

**MANROSE**  
DESIGNER SERIES

## GENIUS

Continuous Extract with Boost

Bluetooth

Occupancy Sensor Automation

Variable Speed

Timer & Scheduling

Temperature Sensor Automation

Humidity Sensor Automation

App Control

# SMART

## Life Indoors



**FAN6844**

**6-8\***

**Technical Specifications**

Power	220-240V AC, 50Hz
Motor Type	DC
Fan Speed	- Low Continuous 10 l/s - 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)**

A	B	CØ	DØ
60	21	99	177

## MultiVent

Continuous Extract Ventilation - 3 Room  
from Vent-Axia

Continuous Extract with Automated Humidity Control

Ultra Quiet & Energy Efficient Performance

**Technical Specifications**

Power	220-240V AC, 50Hz
Maximum Power	85W
Maximum Pressure	810 Pa
Free Air Performance	159 l/s
Air Volume @ 200 Pa	123 l/s
Minimum Specific Fan Power	0.14 W/l/s
Maximum Specific Fan Power	0.68 W/l/s
Sound	52 dB(A)
Protection Rating	IPX2

**Dimensions (mm)**

A	B	C	D	E	ØF
330	390	111	250	96	125

## Improved Indoor Air Quality



**FAN7200**

**6-8\***

**HEAT RECOVERY SYSTEM**

Delivers up to **90%** efficiency with a counterflow core.

**Technical Specifications**

	<b>BAL225</b> <i>3 Outlets + 1 Extract</i>	<b>BAL405</b> <i>5 Outlets + 2 Extract</i>
Power	220-240V AC, 50Hz	220-240V AC, 50Hz
Motor Type	EC Centrifugal	EC Centrifugal
Total Input Power	128W	173W
Fan Speeds	10	10
Maximum Pressure	380 Pa	600 Pa
Maximum Air Flow per Fan @0 Pa	76 l/s, 275m³/hr	136 l/s, 490m³/hr
Maximum Air Flow per Fan @150 Pa	62 l/s, 223m³/hr	110 l/s, 395m³/hr
Sound	39 dB(A)	39 dB(A)

**Dimensions (mm)**

	A	B	C
BAL225	285	650	550
BAL405	524	745	776



**BAL225  
BAL405**

**9-10\***