

Creating a fresher, more comfortable home

You'll enjoy the benefits all year round

- **In summer**, fresher, cooler air flowing through your home to create a more natural and comfortable living environment
- **A better night's sleep.** Odyssey BAL uses the cooler night air to reduce the heat stored in the walls and floors from the hot temperatures during the day
- **In winter**, Odyssey BAL works to keep your home fresh and dry by replacing stale, damp moisture laden air with fresh outside air
- **Reduces condensation** that could cause costly damage in your roof space. Humidity sensors allow improved condensation control all year round
- **Reduces mould** and the formation of mildew
- **Removes unwanted odours** in living areas
- **Cuts down energy consumption.** Odyssey BAL complements air conditioning systems to reduce energy usage
- **Whisper quiet operation.** Odyssey BAL is so quiet it won't disturb you during the day or while asleep at night
- **Easy to control.** The wall mounted touch screen panel with modern graphics let's you set and forget a full range of temperature options to control the comfort in your home
- **Data collection.** Monitor temperature data going back two years
- **Peace of mind.** The Odyssey BAL system includes a five year warranty



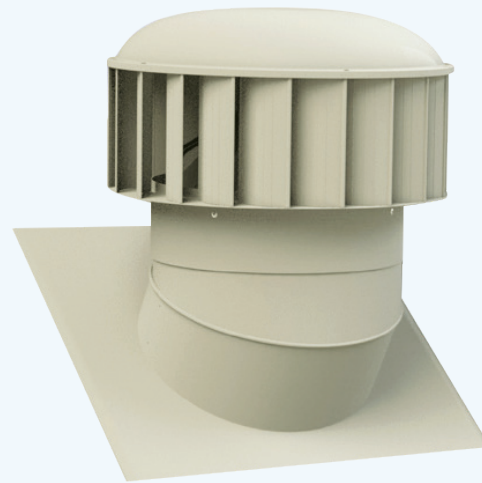
Specifications

Type: Free air cooling and warming air exchange system

Nominal system diameter	400mm	Roof space minimum height	0.7m (600mm rafter spacing), 0.85m (450mm rafter spacing)
Electrical	240 VAC 50 Hz Max. 55W	Roof space maximum height	2.4m (600mm rafter spacing), 2.55m (450mm rafter spacing)
Ventilator	Hybrid (natural and powered) backward curved centrifugal	Diverter valve	2 way, 2 position air source diverter valve
Motor	Electronic Commutating (EC) brushless motor	Ducting	2m flexible metallised polyester film with helix wire support
Turbine/impeller diameter	562mm	Grille	Return air type with magnetically detachable grille
Flow rate @ Δp _f = 0	1890 m ³ /hr	Wall mounted control panel	8.8cm (3.5") colour touch screen with 15m cable
Noise SPL@2m	30 dB(A)	Sensor accuracy	Temperature: ±0.4°C Relative humidity: ±3%
Roof slope installation range	0° to 45°		

The Odyssey system includes a five year warranty.

Colours



Odyssey BAL is available in a wide range of colours to suit most roof tops.

For more information call 1800 332 332 or visit odyssey.com.au

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Technologies for a Sustainable Future

CSR Edmonds
Locked Bag 1345 North Ryde BC NSW 1670

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Odyssey[®] BAL

A smart, energy efficient air exchange system

DESIGNED FOR BUSHFIRE PRONE AREAS

Every day's a breeze.
Live comfortably & save energy all year round.



EDMONDS
Technologies for a Sustainable Future



Odyssey BAL , a smart, energy efficient cooling system designed to be suitable for bushfire prone areas.*



Imagine a home that's fresher, healthier and more comfortable all year round

With a smart Odyssey BAL air exchange system you can say goodbye to hot, uncomfortable summer nights and damp, musty winter air.

Just set it and forget it. Odyssey BAL is the innovative and energy efficient way to create a gentle flow of fresh air throughout your home.



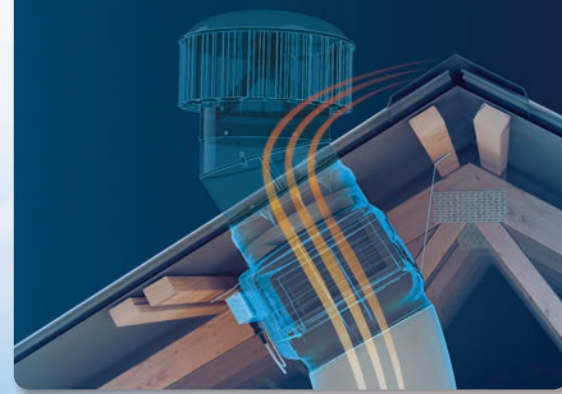
Odyssey®BAL is a proud partner with Sensitive Choice®, improving the quality of life for those with asthma and allergies.

***Odyssey BAL meets the requirements of AS3959-2009 in areas up to and including BAL 40. (BAL= Bushfire Attack Level)**

How Odyssey® BAL works

Designed and manufactured in Australia, Odyssey BAL uses award-winning wind and motor power hybrid technology that's built to handle the Australian climate

Odyssey BAL features a stainless steel ember guard with 1.9mm apertures.



All you have to do is set your preferred temperature on the easy-to-use touch screen control. Odyssey's BAL sensors will constantly monitor the temperature and humidity inside and outside your home, and switch Odyssey BAL on and off to maintain your preset comfort level.

In summer at night, when the outside temperature drops below the inside temperature, Odyssey BAL expels the hot, stifling air from your home and draws in cooler night air. In cooler months, when your home

is colder than the temperature outside, Odyssey BAL draws in warmer outside air to freshen damp, stale air without affecting your preferred temperature levels. In addition, the humidity sensors monitor and control potentially damaging condensation in the roof space. All year round, Odyssey quietly removes hot or damp stale air and odours from all your living areas.

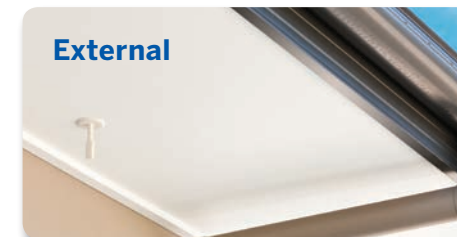
Odyssey BAL can exchange the air in a 150m² home four to five times in an hour using around the same power as a single halogen down light.

Odyssey BAL can be used in most homes with adequate roof space for installation

The valve box and ducting are contained in the roof cavity with the ducting connected to a magnetically held, easy-to-clean ceiling grille designed to maximise air flow.

An internal sensor monitors the temperature and humidity inside the home while an external sensor monitors the outside temperature and humidity. Odyssey BAL collects this information and automatically selects the preferred temperature comfort level in your home, and minimises the risk of condensation in your roof space.

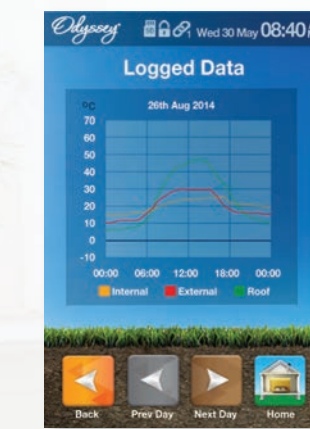
The sensors and ceiling grille are white and can be painted to match your home's colour scheme.



Easy-to-use touch screen control panel

Set and forget

Simply set your desired temperature settings in your living or roof areas, and Odyssey BAL will automatically provide all the comfort you need throughout your home. There's a BOOST setting, that is manually controlled, to provide an extra burst of fresh air and get rid of odours.



All year round comfort and protection

In summer, set your system to remove stifling hot air and freshen your home. In winter, draw in warmer, outside air to improve those cold, damp living areas. In addition, moisture and potentially damaging condensation can be controlled all year round. Relative humidity is displayed for the living area, roof space and external environment.

Simple operation

Temperature data can be logged and viewed in 24 hour periods, going back two years. Easy to understand icons are displayed on the touch screen panel for simple operation.

Energy saving fresh air solutions

With running costs of around \$35 a year*, Odyssey BAL is the answer to reduced energy consumption

Odyssey BAL has been recognised by the Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH) for its contribution to sustainability. The system requires low energy input and reduces your reliance on air conditioning, so overall, less energy is consumed when heating or cooling your home.

* Based on running costs of 28c per kW/h on a single Odyssey system.

