

Odyssey[®]

Smart Energy Efficient
Air Exchange System
Every day's a breeze.





Odyssey[®], a smart, energy efficient cooling system for a fresher, healthier and more comfortable home

With a smart Odyssey air exchange system you can say goodbye to hot, uncomfortable summer nights and damp, musty winter air. Odyssey is the innovative and energy efficient way to create a gentle flow of fresh air throughout the home. It provides your indoor space with the ability to breathe, as well as removing odours and allergens to improve your quality of life. All you have to do is set it and forget it.

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 uses the cooler night air to reduce the heat stored in the walls and floors from the hotter temperatures during the day
- **In winter**, Odyssey 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 for a healthier home, improving the quality of life for asthma and allergy sufferers
- **Removes unwanted odours and allergens** in living areas
- **Reduces energy consumption.** Odyssey complements air conditioning systems to reduce energy usage
- **Whisper quiet operation.** Odyssey 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
- **Proud Partner** with the National Asthma Council Australia's Sensitive Choice[®] Program, improving the quality of life for those with asthma and allergies
- **Peace of mind.** The Odyssey system includes a five year warranty



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



How does Odyssey® work?

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

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

On summer nights, when the outside temperature drops below the inside temperature, Odyssey 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 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, providing you and your family with a healthier living environment.

Odyssey 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 airflow.

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

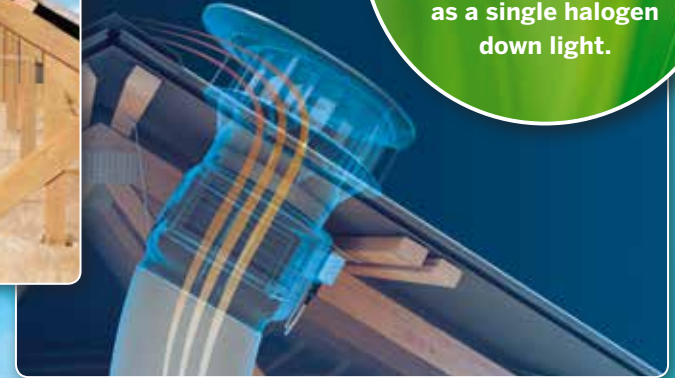


The sensors and ceiling grille are white and can be painted to match your home's colour scheme.

1. Odyssey removes hot stale air from living areas



2. Cooler, fresher air drawn into the home



Odyssey 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.



During the day, when outside temperatures are higher than inside, hot air is removed from the roof cavity.



In the afternoon, when the outside air temperature is lower than inside, hot air is removed from the living areas and replaced with cooler, outside air.



In the evening and into the night, Odyssey draws radiant heat from the walls and floors helping to cool the home.

Choose an Odyssey® system to suit your home and budget

Odyssey HR2100

Odyssey HR2100 is a fully automated home ventilation system. Internal and external humidity and temperature sensors monitor climate conditions which allows the system to automatically adjust and maintain the user's desired home temperature. The desired temperature is set on the easy-to-use touch screen control panel.

Odyssey HR2100 removes hot air from of the roof space as well as living areas.

Odyssey H1800

Odyssey H1800 is whole of home manually controlled ventilation system. The user decides when to run the system by using a simple 'ON/OFF' switch. Odyssey H1800 ventilates the homes livings spaces, exchanging the air in an 150m² home up to five times per hour.

Odyssey H1800 does not remove hot air from the roof space, unlike the HR2100.

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

Odyssey 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.



Easy-to-use touch screen control panel

Set and forget

Simply set your desired temperature settings in your living or roof areas, and Odyssey 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, and the settings screen displays easy to understand tiles for simple operation.



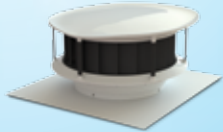
Touch Screen Control



Specifications

Odyssey is available in four popular colours:

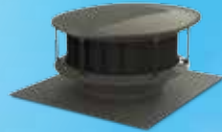
Surfmist®



Headland®



Woodland Grey®



Odyssey 1800



Odyssey 2100



Your local Odyssey specialist:

	HR2100	H1800
Temperature and Humidity Monitoring	✓	✗
Automated Temperature and Humidity Climate Control	✓	✗
Living Space Ventilation	✓	✓
Roof Space Ventilation	✓	✗
Control Panel	LCD Touch Screen	On/Off Switch
Roof Mounted Ventilator	✓	✓
Multiple Turbine Link	✓	✗
Nominal system diameter 400mm	400mm	400mm
Electrical	240 VAC 50 Hz. Max. 55W	240 VAC 50 Hz. Max. 55W
Ventilator	Hybrid (natural and powered) backward curved centrifugal	Hybrid (natural and powered) backward curved centrifugal
Motor	Electronic Commutating (EC) brushless motor	Electronic Commutating (EC) brushless motor
Turbine/impeller diameter	500mm	500mm
Flow rate @ psF	2100m ³ /hr	1800m ³ /hr
Noise SPL@2m	30dB(A)	30dB(A)
Roof slope installation range	3° to 35°	3° to 35°
Roof space minimum height	0.7m (600mm rafter spacing), 0.85m (450mm rafter spacing)	0.25m (600mm & 450mm rafter Spacking)
Roof space maximum height	2.4m (600mm rafter spacing), 2.55m (450mm rafter spacing)	2.25m (600mm & 450mm rafter Spacking)
Diverter valve	2 way, 2 position air source diverter valve	—
Ducting	Ducting 2m flexible metallised polyester film with helix wire support	Ducting 2m flexible metallised polyester film with helix wire support
Grille	Return air type with magnetically detachable grille	Return air type with magnetically detachable grille
Wall mounted control panel	8.8cm (3.5") colour touch screen with 15m cable	11cm Mechanical on/off switch
Sensor accuracy	Temperature: ± 0.4°C, Relative humidity: ± 3%	Sensors not included
ACH (Air Changes per Hour)	6	5

The Odyssey system includes a five year warranty.



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