

## Installation

- ⇒ **Mini and MICRO WHIZ** are ideal for DIY
- ⇒ Fans must be installed facing (roughly) north; or alternatively - If your wall or roof doesn't face north, the Mini Whiz may be ordered with a separate PV panel placed facing north.
- ⇒ **MICRO WHIZ** can be installed onto **glass surfaces** : all you need is a glass-cutter and silicone!
- ⇒ Micro Whiz can also be installed on the roof of caravans, cars, trailers etc.—and is ideal for boats.

## Mini Whiz & Micro Whiz applications

- |                |                                |
|----------------|--------------------------------|
| ⇒ Cabins       | ⇒ Stables                      |
| ⇒ Granny flats | ⇒ Public toilets               |
| ⇒ Shacks       | ⇒ Portable toilets             |
| ⇒ Sheds        | ⇒ Temporary Site Accommodation |
| ⇒ Boats        | ⇒ Containers                   |
| ⇒ Kitchens     | ⇒ Storage pods                 |
| ⇒ Bathrooms    | ⇒ Basements                    |
| ⇒ Toilets      | ⇒ Offices                      |
| ⇒ Roof spaces  | ⇒ Many others                  |
| ⇒ Trailers     |                                |



Mini Whiz



Extension sleeve for Micro



## Mini & MICRO WHIZ

are both supplied with two fan blades - enabling you to choose the function of your unit by swapping the exhaust blade with the intake blade!

## Warranty

**Mini & MICRO WHIZ** are designed for durability and backed up by a **two year warranty**.

## Inquiries & orders

### Global Eco & Environmental Solutions

205 Elgar Rd, Surrey Hills, Vic 3127

Ph: 1300 655 118

Email: [ges@ges.com.au](mailto:ges@ges.com.au)

Website: [www.ges.com.au](http://www.ges.com.au)

Or your local dealer:

Disclaimer: Global Eco & Environmental Solutions does not accept any responsibility for events that result from the use of this product or the information provided in this brochure.



Condensation, mould, mildew, musty smells or damp problems in small spaces?



These problems could be a thing of the past!

**Mini Whiz is a simple and cost effective solution!**

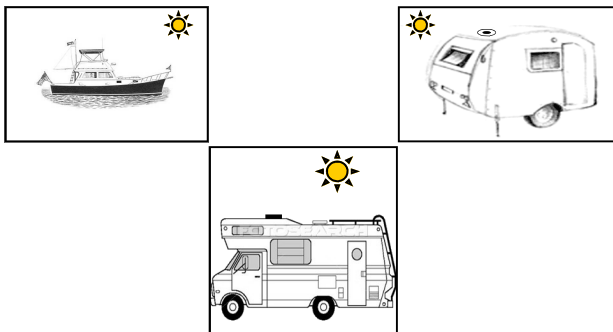


- ⇒ **Solar powered**
- ⇒ **No running cost**
- ⇒ **Simple installation**
- ⇒ **DIY—No electrician required!**
- ⇒ **Day & night operation with battery back up**
- ⇒ **Extraction or Fresh air**

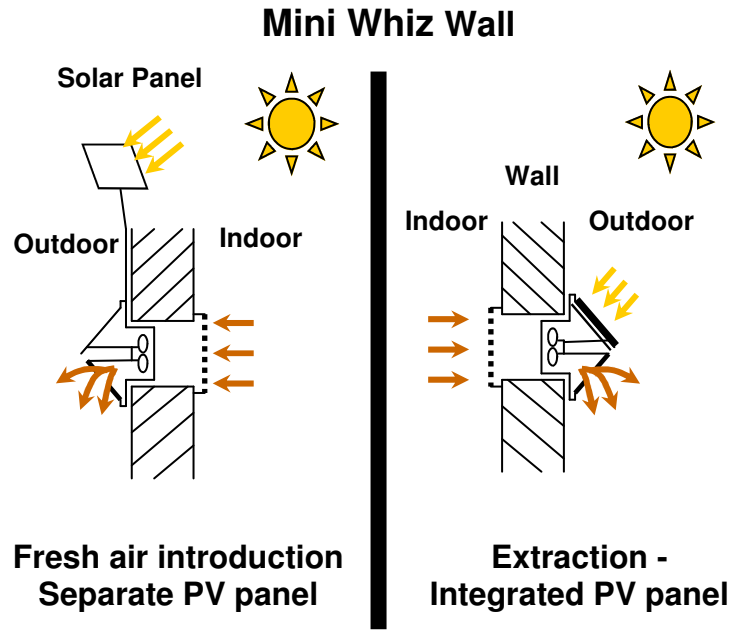
# ≡ The concept

- ⇒ **Mini WHIZ & Micro Whiz** ventilation fans are designed for preventing condensation, mould, mildew, musty smells, dampness etc. in smaller areas
- ⇒ The Whiz units can ventilate either through extraction or introduction of fresh air—or if multiple units are operated together—a combination of both to generate cross flow ventilation
- ⇒ The fans are **powered by the sun**, and operate without any cost
- ⇒ Supplied with high quality Ni-MH rechargeable battery for day/night operation
- ⇒ No wiring, no plugs, **no noise**, and once installed **no running cost** whatsoever
- ⇒ Safe and **pollution free**
- ⇒ Water resistant
- ⇒ Fully automatic
- ⇒ On/off switch

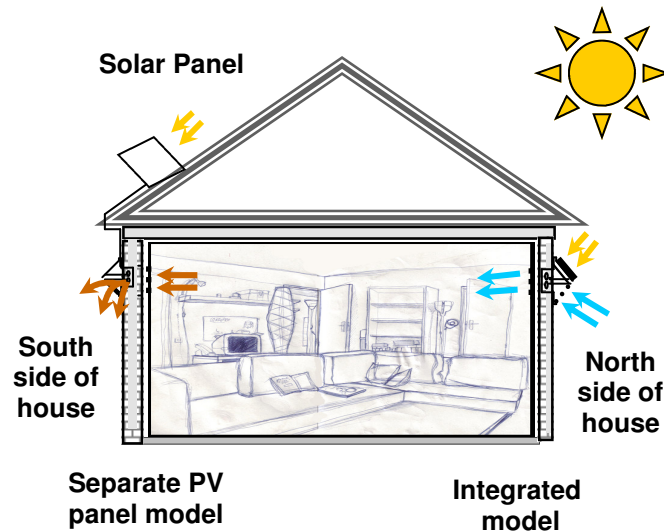
**Micro Whiz is ideal for boats, campervans, caravans, cars and vans!**



## Micro Whiz & Mini Whiz



### Cross flow Ventilation Schematic



## Specifications

| Model               | Micro Whiz SW NM 19  | Mini Whiz SW MW 60I  | Mini Whiz SW MW 60EXT  |
|---------------------|--|--|--|
| Type                | Multi function fan   | Wall fan   | Wall fan   |
| Operation mode      | Extraction or fresh air  | Extraction or fresh air  | Extraction or fresh air  |
| Category            | Integrated PV panel, Day & Night                                     | Integrated PV panel, Day & Night                                     | Separate PV panel, Day & Night                                       |
| Fan capacity        | 19 cubic meter per hour under full sun                               | 60 cubic meter per hour under full sun                               | 60 cubic meter per hour under full sun                               |
| Solar Panel         | 2.0V, 500mA under full sun   | 2.0V, 500mA under full sun   | 3.0V, 500mA  |
| Solar cells         | Single Crystal Silicon   | Single Crystal Silicon   | Single Crystal Silicon   |
| Motor               | DC micro motor, 0.5 - 6.0V, 1,300 R.P.M.                             | DC micro motor, 0.5 - 6.0V, 1,300 R.P.M.                             | DC micro motor, 0.5 - 6.0V, 1,300 R.P.M.                             |
| Day/night operation | Yes  | Yes  | Yes  |
| Battery             | 1.2V, NiMH rechargeable battery, 3000mAH.                            | 1.2V, NiMH rechargeable battery, 3000mAH.                            | 1.2V, NiMH rechargeable battery, 3000mAH.                            |
| Extra fan blade     | One Intake Fan Blade enable it to be changed to become an Intake Fan | One Intake Fan Blade enable it to be changed to become an Intake Fan | One Intake Fan Blade enable it to be changed to become an Intake Fan |
| Colour              | Stainless steel  | White or Black   | White or Black   |
| Tube Diameter       | 116 mm   | 110 mm   | 110 mm   |
| Material            | Stainless steel  | ABS Plastic  | ABS Plastic  |
| Dimensions          | Diameter: 215 mm<br>External height: 36 mm<br>Internal dept: 40 mm   | Frame: 210x240 mm<br>Int. dept: 60 mm<br>Tot. dept: 180 mm           | Frame: 210x240 mm<br>Int. dept: 60 mm<br>Tot. dept: 180 mm           |
| Weight              | 450 g  | 750 g  | 1000 g   |
| Shipping dimensions | 240x235x85mm<br>850g   | 240x220x260m<br>m 1100g  | 240x220x260mm<br>1400g   |
| Options             | Extension sleeve   |  |  |