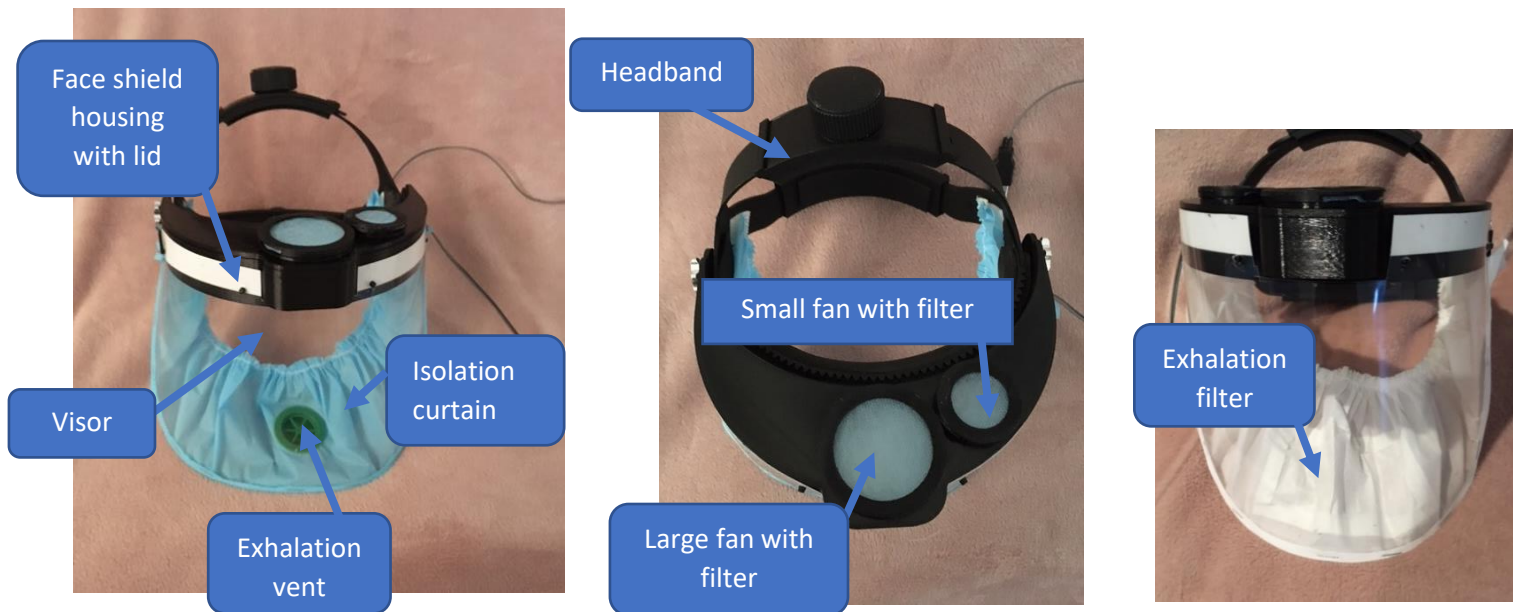


OrangeDot Face Shield Version 3B Operations Manual- 29.09.2020



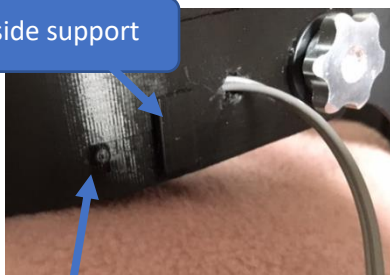
Thank you for agreeing to assess this face shield and provide feedback to enable product improvement. Every effort has been to ensure that this device is safe to use including rigorous testing.

By taking part in this evaluation, you agree to indemnify the provider of this device against litigation which may result in injury to persons or property.

This device is not registered with the Australian Therapeutics Goods Administration since it is for general use and no claim for therapeutic use has been made. TGA approval may be sought before any commercial launch of this device.

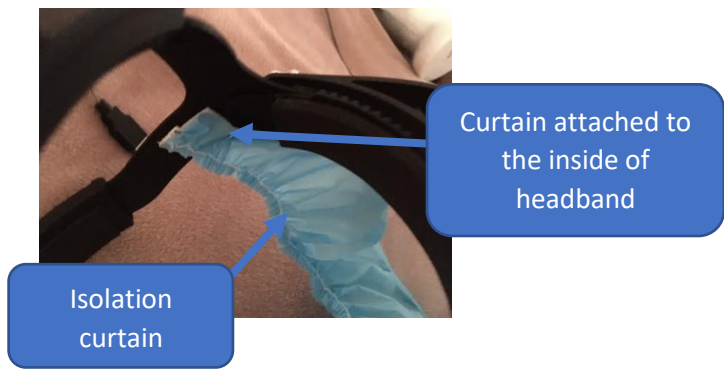
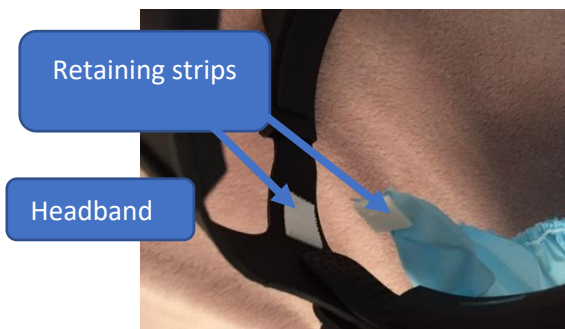
- This device is known as a PAPR- Powered Air Purifying Respirator. It has two fans which create positive air pressure. The air is purified before it reaches the fans by a prefilter and a HEPA filter. The air pressure prevents unfiltered air from entering the chamber. Expired air naturally leaks out since the chamber is not airtight. For regulated escape of exhaled air, there is a choice of a visor with either an air vent or exhalation filter band on the bottom of the chamber.
- The visor has a plastic isolation curtain attached to it. The curtain is held tight against the face.
- **Please undertake the Safety Test before using this device;** see instructions that came with your device or visit www.orangedot.com.au.

Visor side support

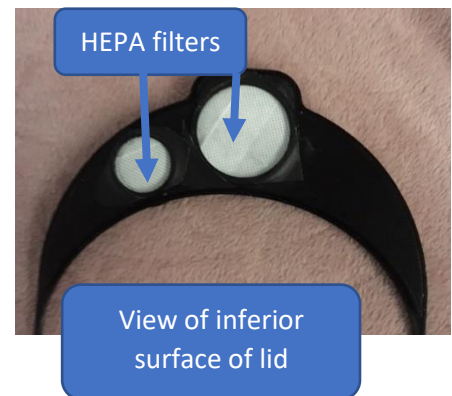


Visor retaining post

- Carefully attach the visor with isolation curtain to the housing. The edge of the visor should be tucked into the visor side support and you will need to use some force to push the visor onto the four retaining posts.
- Gently pull the free ends of the curtain and attach them to the Velcro type retaining strips on the inside of the headband. This will help to maintain a seal around the face.



- The blue coloured prefilters are located on the top of the air entry chambers. The prefilters are disposable and made from the outer layer of a surgical face mask. This layer is resistant to moisture.

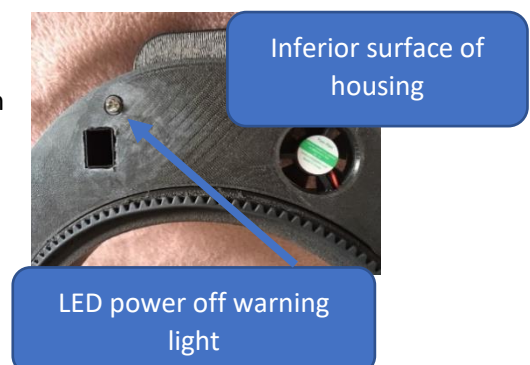


- The prefilter is retained by a filter ring and filter cap goes on top of the ring.
- The beige coloured HEPA filters are located on the inferior surface of the lid and held in place by a ring & sticky tape. This filter must not be washed and may be changed after 3-6 months.



- Attach the USB power cord to a power bank. The two fans will start immediately. The power bank can be kept in your pocket. A 2,200 mAh power bank should last 8 hours.
- Gently insert your head into the face shield chamber.
- Adjust the vertical and horizontal headband black control wheels, so that the shield fits comfortably on your head.
- Pull the plastic sheet over the front half of your face and tug the elastic band backwards, so that it forms a seal around your face. Remember that this seal will not be airtight.

- The Aluminium wheel on the side of the faced shield is non-functional in this version.
- Please do not lie the face shield on the visor- this will cause creases in the visor and the shield may fall under its own weight
- Removing the power supply to the shield or the energy depletion of the battery will result in a warning flash of the LED light and an alarm noise. Please remove the device and check your connection or replace the battery.



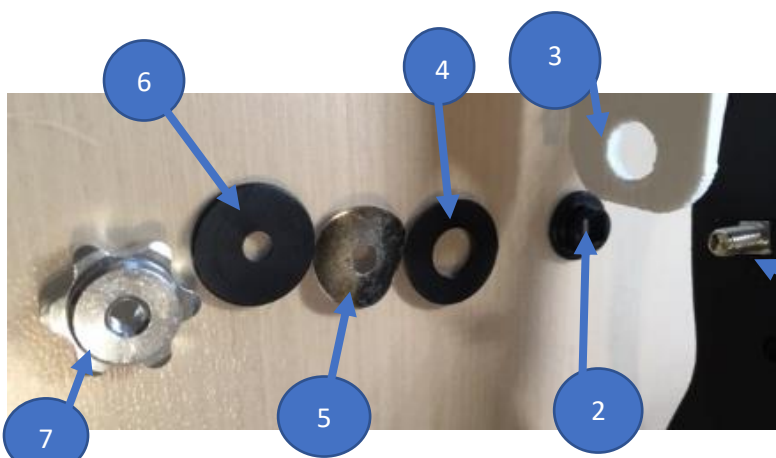


Horizontal control

- A surgical cap may be used to enhance the seal of this device. This should be worn underneath the headband.
- The fans will blow gently on the face and will be noisier than Versions 1 and 2. However, they will be much quieter than traditional PAPR devices. There is no heavy fan unit and battery pack with belt either.
- The device housing and headband may be cleaned using a cloth soaked in soapy water or isopropyl alcohol. Please do not wet or clean the HEPA filter. The blue prefilter is disposable. If used in a clinical setting, the visor with isolation curtain and prefilter cannot be disinfected or sterilised- please dispose of them.

CONNECTING THE HOUSING TO THE HEADBAND

- Normal sequence for fixing the housing to the headband: connect 1 to 2; 2 to 3..etc
- Since the aluminium wheel is non-functional in **this version** (we do not want you to raise the visor to get direct vision- since this will pull the isolation curtain from your face), parts 4 and 5 will be missing. If you are using a headband from one of our other face shields, please remove parts 4 and 5.



1. Headband with metal retaining bolt
2. Black raised plastic washer
3. Face shield housing with hole
4. Black washer large hole
5. Aluminium metal disk with hole
6. Black washer with small hole
7. Aluminium wheel

- Any questions? Please contact us admin@orangedot.com.au
- www.orangedot.com.au