

**Critical Care Guidelines
FOR CRITICAL CARE USE ONLY**

Setup Guide for Jupiter Hoods



Equipment needed:

Jupiter hood - Connecting hose and Belt

Battery (stored in charger – must be plugged in at all times) – lasts for approx 8hrs when fully charged

X2 filters (should be changed after each pandemic)

Calibration tube (contains black ball)

Air flow checking tube (contains white ball)

1. Calibration check (Using clear tube with black ball – located in box containing belt) (Must be done every month)

Rationale: To check airflow reaches target level of 160l/min

- Insert battery into belt (via opening at bottom) until click heard
- Insert **tube with black ball** into black outlet at top of belt
- **PRESS AND HOLD** “on/off” switch (large raised dot to right side of symbols)
- First beep indicates calibration process has started
- Second beep indicates it is reducing its pressure
- When pressure starts to increase again and ball reaches the **level of the half circle/straight line** on the tube, remove finger from button
- Calibration is complete if ball remains raised at this level

2. Airflow check (Using clear tube with white ball – located in box containing belt) (Must be done prior to use)

Rationale: To check there is no obstruction to airflow, for eg: filters are patent/no kinks/blockages in tubing)

- Ensure x2 filters are attached to belt
- Insert battery into belt (via opening at bottom) until click heard
- Insert **tube with white ball** into black outlet at top of belt
- **Press** but **DO NOT HOLD** “on/off” switch (large raised dot to right side of symbols)
- Airflow check is complete if ball remains raised at **level of the half circle/straight line or above**

3. How to setup for use:

- Insert x2 filters into round openings on front of belt (using twisting action clockwise until “click” heard)
- Attach connecting hose to belt (twist “bayonet” style attachment clockwise ensuring arrows on hose are lined up with arrows on black outlet)
- Attach connecting hose to hood (push the 2 together until “click” heard)
- Place the belt around the hips/waist (more comfortable around hips and adjust to fit)
- Place hood over the head ensuring an adequate seal around the face; Place the grey fabric strap on the inside of the hood over the forehead. The ears are exposed if sizing is correct

4. Removal:

- Remove hood as per “removal of PPE” guideline
- Clean with detergent wipes (filters should remain covered with plastic protective caps at all times) – **PLEASE DO NOT USE ACTICHLOR**
- Disconnect hosing from hood (press inwards on blue flanges nearest hood and pull apart)
- Disconnect hosing from belt (twist “bayonet” style attachment anticlockwise and pull apart)
- Plug battery into charger

NB: Filters should remain on the belt throughout the pandemic outbreak unless the device fails the Airflow test and there is no other cause found for this other than presumed filter blockage

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