



McMonty

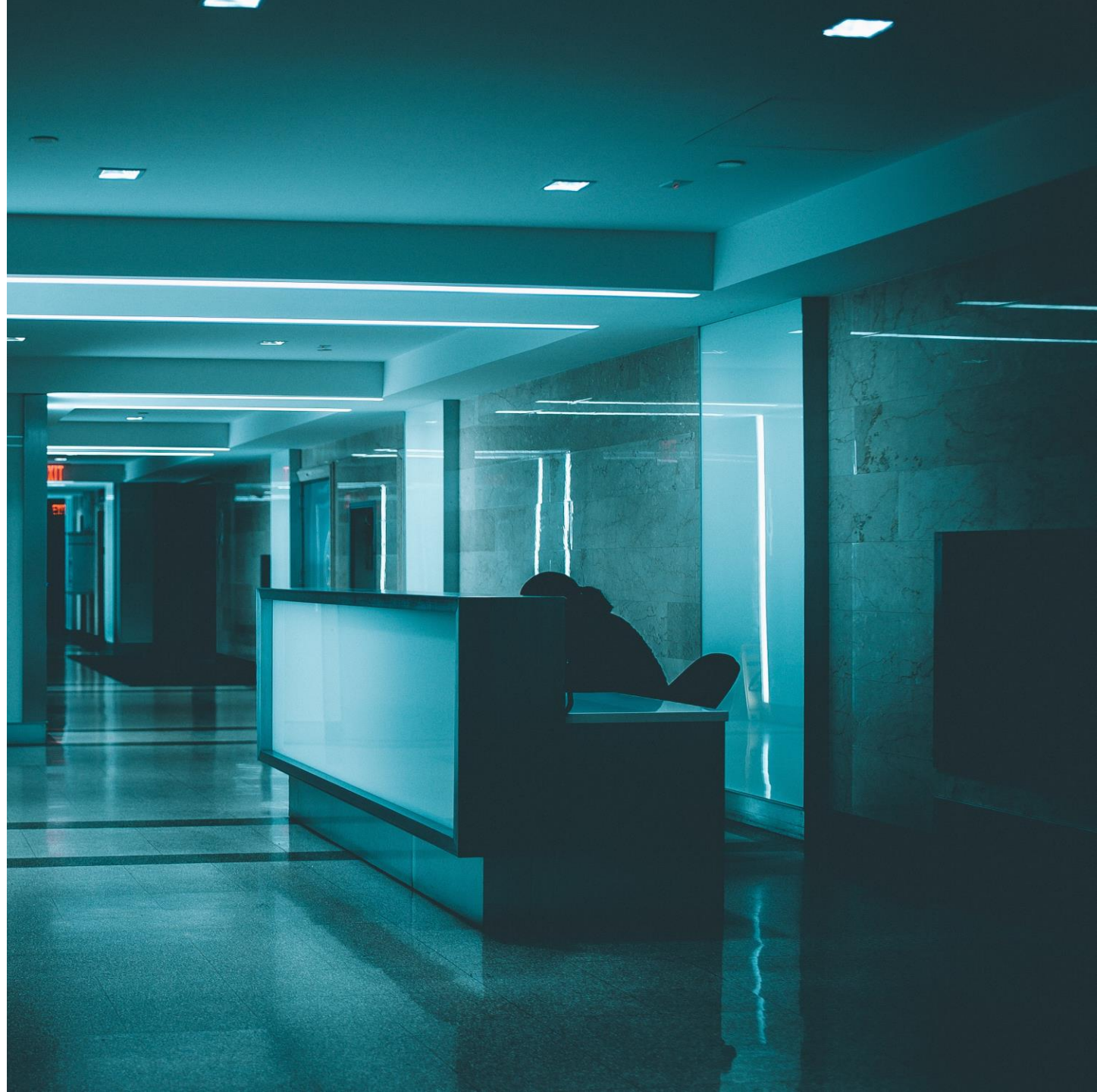
ARTG 342670
ARTG 342671

Instructions For Use



MARCH 2022

EE-IFUM-0002 Rev D



ASSEMBLING THE MCMONTY CORRECTLY

While every effort is made to deliver all devices fully assembled, in some instances this isn't possible. These instructions are to guide you through the assembly process to ensure the device is put together correctly. Once assembled, ensure the device follows your facility's typical process for electrical medical devices e.g., test & tagging and asset numbering. It is the independent facility's responsibility to ensure that the device is correctly put together following each step of these instructions.

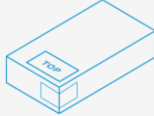
Step 1

Setting up The McMonty is a 3-person task



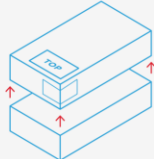
Step 2

Position the McMonty box on its BASE. This label is on the TOP side of the box.



Step 3

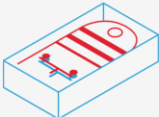
The box comes in two pieces. Open by lifting the TOP off.



Step 4

Inside you'll find

- Metal Frame(s)
- 1x fan-filter unit (per frame)
- 2x feet with wheels (per frame)
- 4x leg bolts (per frame)
- 1x white screw (per frame)



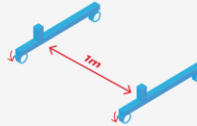
Step 5

Inside the same box you will find the FEET with wheels.




Step 6

Set two FEET on the ground about a METRE apart.



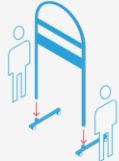
Step 7

With one person on each side, lift the McMonty out of the box and stand it UPRIGHT. The plastic hood should be at the top.



Step 8

INSERT the feet into the legs of the McMonty, making sure the LONG section of each foot faces the FRONT (side arms).




Step 9

BOLT the feet into place with the hardware provided.




Step 10

Attach the fan by placing over the back of white fan cover.



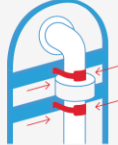
Step 11

Fan mount straps that get fastened around the fan unit.



Step 12

Straps fastened around the fan unit.




Step 13

Single screw to be screwed into the hole at the top of the exhaust unit to prevent any movement of the fan whilst in operation.



Step 14

UNLOCK the wheels to move McMonty into place.



Storage

Store indoors away from direct sunlight.

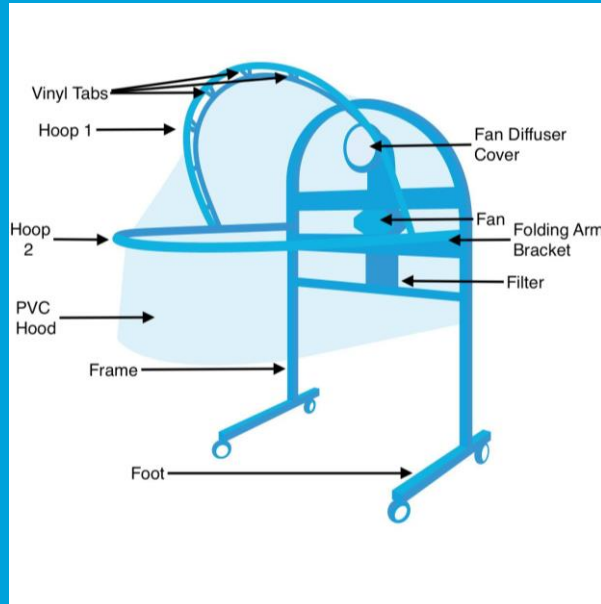


To access online setup instructions, scan the QR Code

DEVICE OVERVIEW

- The Medihood McMonty is a Personal Isolation Device.
- It's designed to contain and treat infectious droplets and aerosols expired by a patient to minimise exposure risk to staff and other patients in the vicinity.
- The McMonty is designed to be used with one patient at a time and is comprised of a frame, a fan-filter unit and a single-use PVC hood.
- The hood contains the air, while the fan draws the air out of the unit and through a H13 high efficiency particulate air (HEPA) filter to remove 99.97% of particulate matter.
- While the McMonty will dramatically improve air quality and minimise infection risk, it is **not** a substitute for PPE.
- Full PPE should be worn at all times when dealing with infectious patients as per local guidelines and policies.
- The McMonty is not a sealed device and as such carries no risk of asphyxiation, hypercarbia or hypoxia – even in the event of a power outage.
- The fan motor is of a very high quality and has been designed to run continuously with no maximum runtime.
- The fan has a protective housing as a redundancy to ensure that if there ever is a fault, there is no risk of injury to a patient or staff member.
- The McMonty is of significant benefit when treating patients displaying aerosol generating behaviours (AGBs) and when administering aerosol generating procedures (AGPs).
- The McMonty should not be used with patients who have a history of claustrophobia, dementia, are showing active signs of delirium or who are at risk of harming themselves.
- The frame is able to be cleaned and reused between patients, though the hoods are single-use and are required to be changed between patients (pp. 8-10)
- The filter has a lifespan of 6,000 hours before needing to be replaced (p. 12).
- The hoods are manufactured out of PVC and do not contain any latex products.
- The McMonty does not require any recalibration or servicing beyond routine preventative maintenance such as visual inspections of high wear components (outlined throughout this document).
- Always follow manufacturer guidance and ensure compliance with these instructions to prevent misuse and to minimise any operator error.
- Noncompliance with these instructions may result in damage to the device, injury and/or exposure risk to a patient or staff member.
- Based on currently available data the device life is two years.

MCMONTY SET UP (ONCE ASSEMBLED)



STEP.01

Pull up and lock the folding side arms into position. Check that they are locked into place before proceeding to the next step.

STEP.02

Arrange the PVC hood to ensure that the Velcro seam is at the top, and the Vinyl tabs are exposed on the outside. Line up the small white centre tab with the small metal groove in the middle of the metal frame (above the fan) and attach by pressing the Velcro pieces together.

STEP.03

Tuck the PVC inside the side arms, so that the PVC hood is inside the hoops entirely.

STEP.04

Extend the innermost, slightly smaller polycarbonate hoop (hoop 1). Pull out the middle of the PVC hood and secure the vinyl tab around the hoop by pushing the pointed arrow-end through the hole at the other end of the tab/arrow. You can pull the hoop slightly if reaching the top is difficult.

The hoops are flexible and designed not to break when pulled down gently.

STEP.05

Continue to loop all vinyl tabs into position along the hoop.

STEP.06

Extend the outermost, larger hoop (hoop 2) horizontally. Follow the same process of attaching the vinyl tabs, starting with the center vinyl tab.

STEP.07

Check that the hood is set up evenly along the hoops and **check the integrity of the hood by looking for holes, rips or tears prior to use** (none of which should be present).

STEP.08

A visual inspection should be undertaken monthly to ensure there are no fine cracks forming in the backboard or hoops (high wear areas). If fine cracks are beginning to form, please be sure to order replacement parts from Medihood.

Note:

Ensure that there is adequate space behind the McMONTY or in front of the patient bed to ensure quick access to the patient's head if it's required in an emergency.

The McMONTY should not be in the way of any other critical medical equipment e.g. suctioning equipment, O2, etc.

TURNING ON THE MCMONTY



info@medihood.com.au

[medihood.com.au](https://www.medihood.com.au)

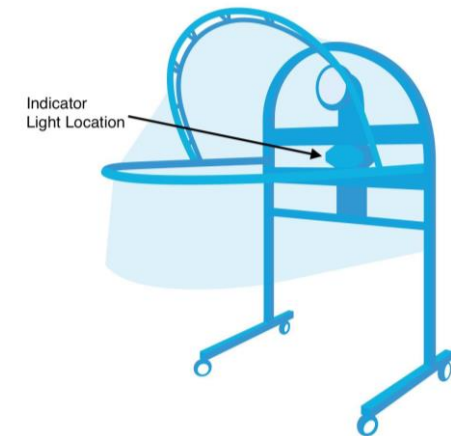
The device will automatically power on when connected to a power supply.

There is an indicator light on the device to provide a visual indication that the fan is operational.

It's recommended to keep the fan running even when the hood is open.

When the hood is open, the device will operate in a similar fashion to an air purifier and will continue to minimise exposure to a patient's expired aerosols.

To provide those in the vicinity with as much protection as possible, keep the power supply switched on wherever possible – including when setting up and when cleaning.



POSITIONING THE MCMONTY

The further forward the hood is over the patient, the more effective it will be.

Before raising (or lowering) the bed ensure that the side rails of the bed won't knock the folding metal side arms of the device.

A collision could potentially cause The McMonty to either lift or tilt sideways.

Ensure that there is enough space at the back of the bed to access oxygen/suctioning equipment and that there is enough space to push the McMonty back, away from the bed if emergency access to the patient's head is required.

The skirt of the hood should sit on the top of the patient's legs or bedsheets.

It should not be tucked under the patient's legs or the mattress.

If there is a gap between the hood and the patient/bed, raise the bed slightly, checking first that the bed/side rails won't collide with the side arms.



PATIENT CARE WHEN USING THE MCMONTY

When administering an aerosol generating procedure (AGP) try not to open the hood to access a patient wherever possible (e.g. during nebulisation; NIV).

It's ideal to wait 10 minutes after an AGP has concluded before opening the hood.

This will at times be impractical and you may need to access the patient during administration of an AGP.

If this is the case, leave the fan running and open the hood.

Attend to the patient (e.g. reposition the patient in bed; adjust CPAP mask) and then close the hood again.

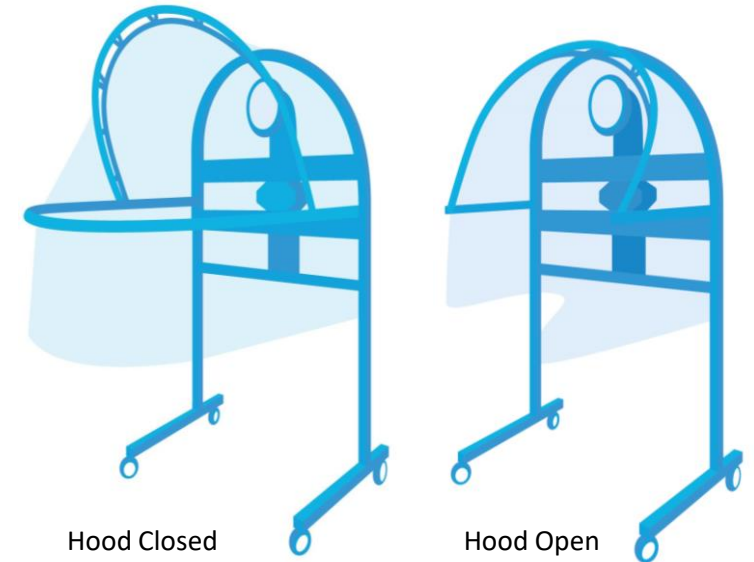
With the fan running, the fan will still draw air up and away from the healthcare worker – even with the hood open.

From outside the hood the patient will be able to be accessed via the side access flaps, thus allowing you to leave the hood closed.

This is useful for procedures such as mouth care, suctioning, changing over to a nasal cannula, etc.

There are times where the hood will need to be opened to fully access a patient, such as during repositioning, performing a full wash, CXR, etc.

In these instances, leave the fan on and pull the hood back down as soon as practicable.



It's important to explain to the patient that the bed will be raised while using the MCMonty. In order to safely leave the bed, a patient will need to call for assistance or lower the bed. It's advisable to minimise any time outside of the hood for an infectious patient as this will lead to increased exposure of those in the vicinity.

****Cluster patient care wherever possible to avoid constant opening of the hood****

AFTER USE

McMonty hoods (the PVC component) are single use and may be used only with a single patient until no longer required.

The hoods should never be reused.

Once a patient has been discharged or is deemed to no longer be infectious and therefore no longer require the use of the McMonty, the hood is to be disposed of in infectious waste (yellow bin).



CLEANING THE FRAME

Perform a terminal clean in the patient bed area/bay at the end of patient use (i.e. perform the clean when the bed has been vacated by the patient).

Always clean with full PPE as per local policies/guidelines.

Methodically clean all surfaces including components of the device including the fan/filter housing, the power cord and as far into the fan cover as you can reach without putting too much pressure on the cover which may result in damage to the part.

A full clean should take one person approx. 5-10 minutes.

On the next page are guidelines regarding cleaning solution selection.

RECOMMENDED CLEANING PRODUCTS

The following items are recognized by the TGA as being suitable for disinfection of the McMonty frame after use with a COVID-positive patient as of March 2022.

Clinell Universal Sanitising Wipes and Spray

Oxivir Tb Wipes

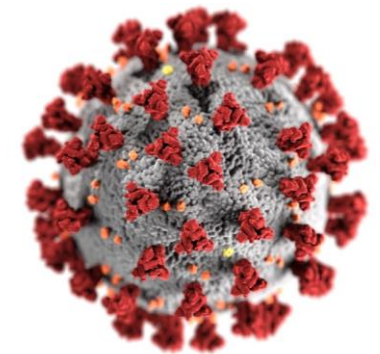
Actichlor Plus Hospital Grade Disinfectant Tablets

To find out if another cleaning product is suitable for use after a COVID-19 positive patient, please consult the TGA's *'disinfectants for use against COVID-19 in the ARTG for legal supply in Australia'* database:

<https://www.tga.gov.au/disinfectant-s-use-against-covid-19-artg-legal-supply-australia>.

If a patient has been isolated using the McMonty for an infection other than COVID-19, be sure to consult your local infection control team to determine the correct cleaning and disinfection solution.

Only use cleaning products approved by your facility's IPAC team for the relevant infection to ensure safety of the user and those in the vicinity.

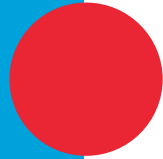


COVID-19 Stock Image. Source: CDC Image Library

FILTER REPLACEMENT

EVERY 6,000 HOURS OF
DEVICE OPERATION
2 PERSON JOB

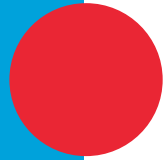
ENSURE ADEQUATE PPE (AS
PER LOCAL
POLICIES/GUIDELINES) IS
DONNED WHEN CHANGING
THE FILTER



STEP 1

Remove the new filter from the box and unwrap in preparation.

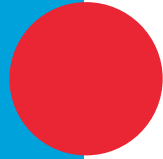
At this point, make sure that the power is switched off and the power plug is pulled out of the wall socket.



STEP 2

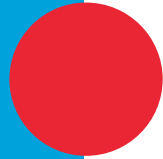
Place a plastic bag over the used filter to contain any particulate matter than may shake loose when the filter is removed.

With the aid of another staff member, loosen the lower fastening bolt by turning counter-clockwise.



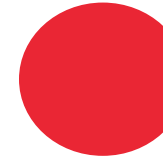
STEP 3

Pull the old filter off, while the other staff member holds the rubber collar connecting the filter to the fan housing.



STEP 4

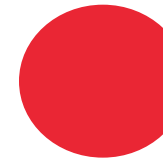
Tie up the bag that now contains the used filter and have the other staff member push the new filter up into the rubber collar (into position).



STEP 5

Ensure that the rubber collar is completely over both the bottom of the fan housing and the top of the new filter.

Tighten the fastening bolt by turning clockwise. Ensure it's tight so that there is no opportunity for aerosol leakage or for the filter to separate from the device.



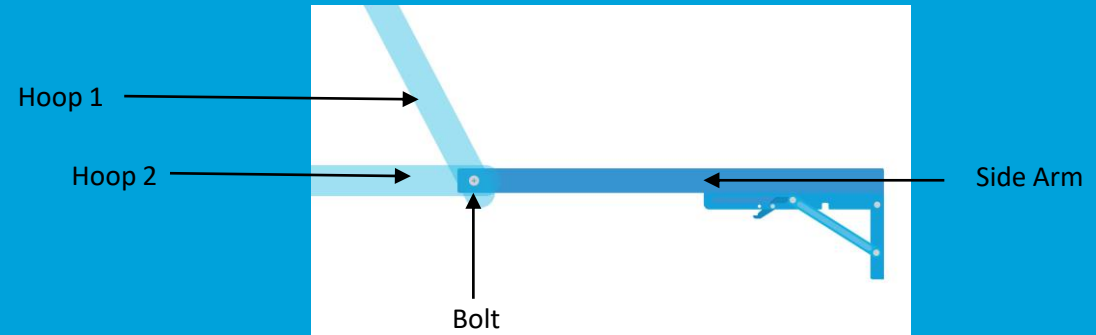
STEP 6

The used filter must be disposed of in infectious waste (yellow bin).



REPLACING POLYCARBONATE HOOPS

AS REQUIRED
1 PERSON JOB



STEP 1

Remove the old hoops by unbolting from the side arms one side at a time using a phillips-head screwdriver. Be sure to retain the existing nylon washers for reuse.

STEP 2

Arrange the new hoops so that the smaller hoop (hoop 1) is sitting inside the larger hoop (hoop 2).

STEP 3

Fix both hoops back in place with the original bolt, making sure that there is a washer between each layer i.e. **bolt, washer, hoop 1, washer, hoop 2, washer, side arm.**

STEP 4

Tighten the bolt enough to hold both hoops but with allowance to move them.



Visually inspect for cracks in the hoops before each new patient or at least once per month.



If any cracks are present, order replacement parts from Medihood by calling 03 8413 6611

REPLACING THE CLEAR BACKBOARD

AS REQUIRED
1-2 PERSON JOB

ENSURE ADEQUATE PPE (AS PER LOCAL POLICIES/GUIDELINES) IS DONNED WHEN CHANGING THE BACKBOARD

STEP 1

Remove the fan diffuser cover.

Do this by removing the screw at the top of the fan piping. Next, fold the clips on the cover back so that they are pointing towards the back of the device and remove the cover by pushing it forward from the back of the device.

STEP 2

Remove the white plastic rivets around the backboard if possible.

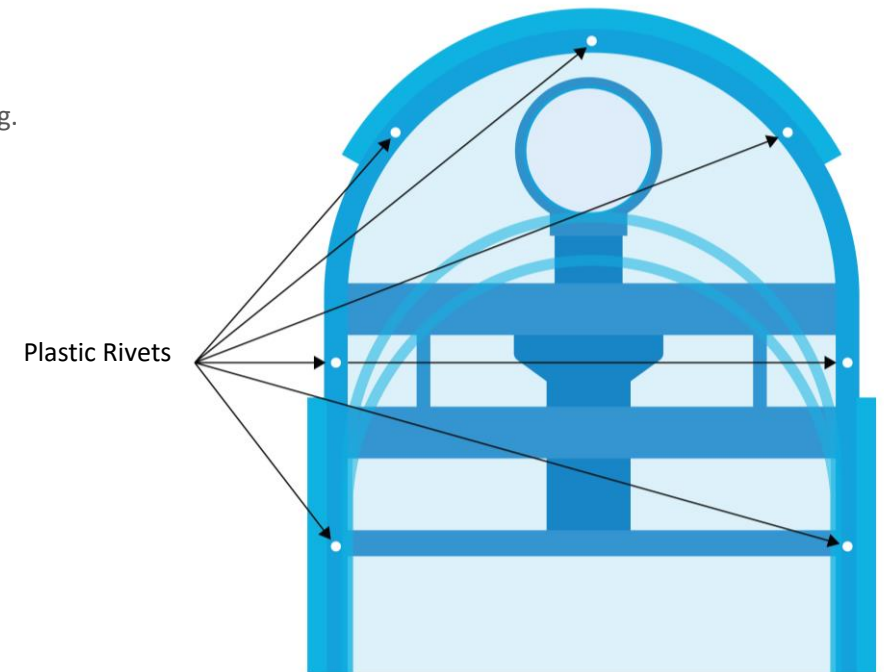
Pull the backboard firmly away from the metal frame.

This will be possible even if all rivets weren't able to be removed.

STEP 3

Align the holes in the new backboard with the frame and fasten in place using the new plastic rivets provided.

Ensure all studs are pressed in firmly and completely.



Visually inspect for cracks in the backboard at least once per month.



If any cracks are present, order a replacement part from Medihood by calling 03 8413 6611

REPLACING THE DIFFUSER COVER

AS REQUIRED
2 PERSON JOB

ENSURE ADEQUATE PPE (AS PER LOCAL POLICIES/PROCEDURES)
IS DONNED WHEN REPLACING THE FILTER COVER

STEP 1

Remove the screw at the top of the fan piping using a phillips-head screwdriver.

STEP 2

Fold back the clips on the diffuser cover so that they're pointing towards the fan/back of the device.

STEP 3

Remove the diffuser cover altogether by pushing the diffuser cover away from the fan. This is easiest to be done from the back of the device.
Replace with the new cover by folding the clips back and pushing through the hole in the backboard.

STEP 4

Sufficient pressure will be required to push the diffuser cover collar into the fan piping as there is a thick layer of insulation.
Once pushed in, replace the screw at the top of the fan piping.

REPLACING A COMPLETE FAN UNIT

AS REQUIRED
2 PERSON JOB

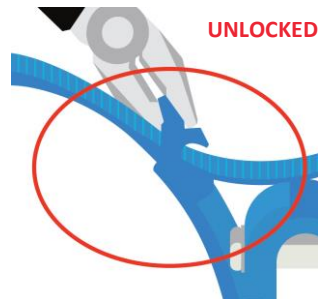
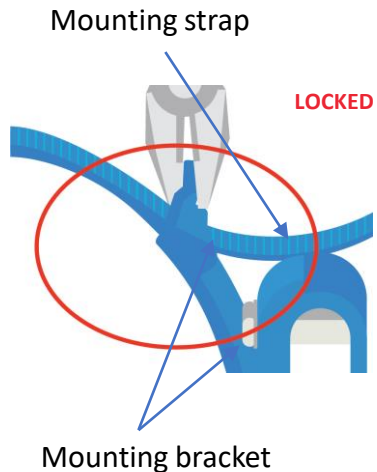
ENSURE ADEQUATE PPE (AS PER LOCAL
POLICIES/PROCEDURES)
IS DONNED WHEN REPLACING THE FAN UNIT

STEP 1

Remove the phillips-head screw from the top of the fan piping.

STEP 2

Use pliers to bend the **upper** mounting bracket away from the frame to unlock/release the fan strap. (see photos)
Pull out the fan strap on one side of the pipe completely.



STEP 3

Repeat the fan strap release process from step 2 on the **lower** mounting bracket and fan strap.
The fan should now be held in place only by the fan diffuser cover.

STEP 4

Remove the fan entirely by pulling it away from the device and fan diffuser cover.

STEP 5

Replace the fan with the new fan-filter unit, making sure to align the hole at the top of the fan piping with the screw hole in the fan diffuser cover.
With another person holding the frame and the front of the diffuser cover, push the fan over the diffuser cover collar.

STEP 6

Screw the phillips-head screw back into place to secure the fan at the top.

STEP 7

Replace the fan straps by inserting the top strap through the vertical gap on the other side of the mounting bracket and forcing through as far as possible to ensure a tight fit.

STEP 8

Repeat step 7 with the lower strap and bracket.
The device is now ready for use.

FAQ

The box that our products arrived in was damaged on delivery - what should we do?

Given the sensitivity of the product, the packaging is designed to be manually handled and can withstand typical wear and tear during transit. If the damage is severe, take photos of the boxes and contact Medihood immediately for follow up with the logistics agent.

We've run out of hoods - can we reuse them?

No, the hoods have been designated as a single use item given the high risk application of the device. To discuss how we can assist in the quickest way possible, please contact Medihood.

Our McMonty and/or hoods are damaged – what should we do?

If you experience any issues with a Medihood product, please contact Medihood with as much information as possible (description, photos, etc.).

How can I tell what size I have?


McMonty frames and hoods have been designed to have different coloured Velcro for the two different sizes. Narrow frames and hoods have black Velcro; Large frames and hoods have white Velcro.

Are McMonty hoods sterile?



McMonty hoods are non-sterile but should not be kept in the vicinity of waste – especially infectious or clinical waste.



INTERPRETING SYMBOLS






 **WARNING**

Keep away from children. This device contains components that may be seen to be a suffocation risk for children.

 Manufacturer medihood	 Date of manufacture Please see product for date of manufacture
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 Fragile handle with care	 Serial number See under foot of device for serial number	 Consult instruction for use
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 Keep dry	 Keep away from sunlight	 Non sterile	 Medical device
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QUESTIONS?

Please feel free to get in touch anytime via the below methods



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[medihood.com.au](https://www.medihood.com.au)

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