# Table of Contents

- Air Assist Air Supply ........................................................................................................... Page 3-4
- Arjo Maxi Air Supply ........................................................................................................... Page 5-6
- Hover Tech Air Supply ......................................................................................................... Page 7-8
- Sage Air Tap Air Supply ...................................................................................................... Page 9-10
**Air Assist Device Talking Points**

**What is an Air Assist Device?**
It is a device that has an air supply that inflates an air mattress and is used to decrease the number of TM needed and risk of injury during SPHM tasks, protects the patient’s skin, and reduces pain with movement. In IL and WI, we have three types of Air Assist devices: Arjo Maxi Air, Hover Tech Hover Matt, and Sage AirTAP. AirTAP is mostly used in the ICU with criteria for use, the other two are used house-wide.

**Should Air Assist devices be considered an AGP (Aerosol Generating Procedure)?**
No, these devices do not create aerosol but can create air movement in the room. With that in mind, do not use the devices during or right after an AGP if you don’t have to. Keep the door shut when using and do not use them between COVID/PUI and non-COVID patients.

**Who is responsible for cleaning the air assist devices?**
Everyone has a part in the cleaning process. Nursing will start by wiping down the air supplies on the unit. Depending on your location, EVS (Environmental Services) or Central Supply will be responsible for cleaning the air supply. (See the Cleaning of Air Assist Device Document for more information) Use of Air Supply hose covers are encouraged if available. The Single Patient Use air mattresses should be discarded with infectious waste and do not reprocess.

**Can I use the Air Assist Devices on a COVID unit?**
Yes, you can use them on a COVID unit or in a COVID/PUI room wearing appropriate PPE and preferably in a negative pressure room. Clean the device following the job aides with update information on cleaning with COVID. Use of Air Supply hose covers are encouraged if available. Limit the use with COVID patients that have frequent AGPs. Use other SPHM tools such as slide sheets and slings before considering air assist use.

**Can I use an Air Assist Air Supply between COVID and NON COVID patients?**
No, it is not recommended at this time.

**Can we use the Air Assist Air Supply between patients on a non-COVID unit?**
Yes, at this time you can. Follow cleaning instructions to minimize cross contamination.
## Air Assist Air Supply COVID Cleaning

### Air Assist Device Manufacturer Information

### Considerations with COVID/PUI

**PPE Team Member**

Wear appropriate PPE (as outlined in our PPE Guide) while using air assist technology and when performing all cleaning tasks

### Nursing

- Wipes down the Air Supply in the room with wipes (3M 40 RCT quat disinfectant for COVID units) (Purple top PDI Sanicloths wipes Green top Clorox Hydrogen Peroxide wipes Clorox Bleach Germicidal wipes Metrex Cavi Wipe with Bleach for NONCOVID)

- Takes out of room to soiled utility room.

- Partner with identified site based dept. to clean (i.e. Bio Med, Facilities, CS).

### EVS

- Used approved EPA disinfectants for COVID.

- Utilize “cool down” time to clean room, COVID positive and PUI.

- Wipe down only and bring to soiled utility room.

- Contact identified site based dept. for deep clean (i.e. Bio Med, Facilities, CS).

- For deep cleaning see instructions.

### Healthcare Technology Management (Bio Med)

- IL and WI

  - Will replace and change filters when needed after cleaning

### Central Supply

- IL- All sites

  - Assist with deep clean and filter replacement process.

- WI- Site based

  - Assistance and supplies provided.

---

*Created by P. Jaworski & NEPD  |  Created 04.15.2020  |  Revised 08.05.2020  |  Approved by Jane Dus*
Air Assist Air Supply COVID Cleaning

Air Assist Device Manufacturer Information

Considerations with COVID/PUI

PPE Team Member
Wear appropriate PPE (as outlined in our PPE Guide) while using air assist technology and when performing all cleaning tasks

Environmental
Use of Air Assist technology in negative pressure rooms is preferred, close the door of either type of room while in use
Minimize number of team members in room with air assist devices while also following manufacturer recommendations for number of needed assist.

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Filter Clean Between COVID</th>
<th>Replace Filter after COVID use</th>
<th>Cost</th>
<th>Item Number</th>
<th>Hose Cover Item # / Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arjo – Maxi Air</td>
<td>Yes</td>
<td>Yes</td>
<td>$49.00</td>
<td>6305180 548142 IREQ</td>
<td>Not Available</td>
</tr>
<tr>
<td>Hover Tech</td>
<td>Yes- For regular Filter</td>
<td>No- if using HEPA filter</td>
<td>$1.00</td>
<td>547851 IREQ HTA-HPAF 548166 IREQ</td>
<td>Item ASHC 245758 IREQ $24 / QTY 25</td>
</tr>
<tr>
<td>Sage</td>
<td>No- Has HEPA filter</td>
<td>No</td>
<td>$300.00</td>
<td>Case of 4</td>
<td>Item 7460 245759 IREQ $416 / QTY 50</td>
</tr>
</tbody>
</table>

Air Supply Manufacturer

Guidelines for COVID use

Arjo – Maxi Air
Dedicate an Maxi Air to COVID unit or patient
Replace filter if used between COVID and non COVID (See above)
Follow cleaning guidelines in Maxi Air Cleaning Job Aid

Hover Tech
Dedicate a Hover Air Supply to COVID unit or patient
Change filter (see above) between patient use or between non COVID/PUI and general patient use
If using newly placed HEPA filter option: Clean exterior and hose of Air Supply and no need to change filter between uses.
*(Bio Med and CS to assist in placing new HEPA filter option at each site)*
Follow cleaning guidelines in Hover Tech Cleaning Job Aid

Sage
Dedicate an AIRTAP air supply to COVID unit or patient.
HEPA filter already in place, no filter changes needed between patients/units Clean exterior and hose of Air Supply, no need to change filter between uses
Follow cleaning guidelines in Sage Air Assist Job Aid

Created by P. Jaworski & NEPD | Created 04.15.2020 | Revised 08.05.2020 | Approved by Jane Dus
Maxi Air Supply Cleaning Instructions

Cleaning/Disinfection Method

Step 1 – Removing Visual Residue
1. Disconnect the air supply from the power supply and the air hose from the Maxi Air mattress.
2. Remove the air hose from the air supply.
3. Plug the air outlet of the air supply with a cloth or a disposable towel to prevent moisture/water/cleaning fluid to enter the air supply.
4. Clean the air supply and hose from visible residue using a cloth or soft brush soaked in water atl. Spray with water and wipe with a clean cloth. Start from top and move downward.

Step 2 – Cleaning
1. Spray cleaning fluid on air supply. Use a brush or a cloth if need for cleaning (to remove any deposits).
2. Use a new wet cloth to wipe off all traces of cleaning fluid or if more suitable by spraying water and wipe with a clean cloth. The cloth should occasionally be rinsed in running water when removing cleaning fluid.
3. Roll up the air hose and lower it down into cleaning fluid. Scrub the hose with a brush.
4. Rinse the air hose with water (approx. 25°C) to remove cleaning fluid.
5. If cleaning fluid cannot be removed in step 2.2 and step 2.4 spray water on the affected part and wipe off with disposable towels/cloth. Repeat until all of the cleaning fluid has been removed.

Step 3 – Disinfection
1. Spray cleaning fluid on the air supply.
2. Allow a disinfection time according to the instructions on the disinfectant bottle label.
3. Roll up the air hose and lower it down into new cleaning fluid.
4. Allow a disinfection time according to the instructions on the disinfectant bottle label
5. Use a new wet cloth to wipe off all traces of cleaning fluid on the air supply or if more suitable by spraying water and wipe with a clean cloth. The cloth should occasionally be rinsed in running water when removing cleaning fluid.
6. Rinse the air hose with water (approx. 25°C) to remove cleaning fluid.
7. If cleaning fluid cannot be removed in step 3.5 and step 3.6 spray water on the affected part and wipe off with disposable towels/ cloth. Repeat until all of the cleaning fluid has been removed.
8. Let the air supply dry.
9. Hang the air hose to drain water and air-dry.

Accessories for disinfecting the Maxi Air Supply
• Protective glasses
• Protective gloves
• Spray bottle with cleaning fluid (detergent and disinfectant)
• Spray bottle with water
• Cloths – wet and dry
• Disposable towels
• Soft bristled brush

For the best results, only use ArjoHuntleigh branded disinfectant.
• If you have any questions regarding disinfecting the equipment or wish to order disinfection fluid (see section Parts and Accessories), contact your local ArjoHuntleigh representative.

CAUTION!
• Do not lower down the Maxi Air air supply in disinfectant solution. This could damage the electrical components and cause internal corrosion.
• To avoid damage on the equipment only use ArjoHuntleigh branded disinfectants.

WARNING!
• To prevent cross contamination, always follow the disinfectant instructions in this Instructions for Use.
• To avoid eye or skin irritation, never disinfect in the presence of a patient.
Filter Replacement After Use with COVID/PUI Patients and Units

Check and Change the Air Filter

1) Fold in the attachment hooks (A).

2) Pull up the rubber bumper (B).
3) Pull down the cover (C).

4) Check the air filter (D) for dirt.
5) If the air filter is dirty, replace it. Do not use the Maxi Air air supply until the air filter has been changed.
6) Attach the cover (C) and the rubber ring (B).

If the product does not work as intended, immediately contact your local ArjoHuntleigh representative for support.
Hover Tech Air Supply Cleaning Instructions

HoverTech Air Supply Cleaning

Video
https://youtu.be/NyjiqrEbJG9g

Exterior
Thoroughly clean and disinfect the surface of the Air Supply with EPA approved hospital-grade disinfectant wipes or disinfectant cleaner sprayed on a cleaning cloth following the manufacturer’s recommended dwell time.

Air Supply Hose
- Remove hose from air supply by depressing the hose release button (indicated in red).
- Soak in a 10:1 Bleach water solution and allow hose to dry prior to use.
- Use of Fogging, UV, or spray cleaners can also be used to disinfect hose.
- Plastic hose covers also available

Filter Removal & Disinfection (HTAIR1200)

Note* If Using “NEW” HEPA Filter Option Filter Replacement and Filter Cleaning not needed between use

Filter Cleaning For Non HEPA Filter Air Supply's:
1. There are two filters in the air supply, located on each side. The filter cover can be taken off by removing the two Philips screws indicated in red circle (Picture A)
2. Remove the black filter (Picture B)
3. Soak the filter in an EPA approved hospital-grade disinfectant (follow manufacturer’s recommended dwell time) -OR- Soak filter in 10:1 bleach water solution for 10 minutes.
4. Allow filter to dry prior to placing back in the Air Supply – (for AIR200G and 400G (White Filter) - Place filter back into Air Supply and allow to dry in place prior to using Air Supply).
5. Once dry, insert the filter in the air supply.
6. Reattach the cover and tighten the Philips screws.
7. Repeat steps for second filter on other side of air supply

A

B

Created by P. Jaworski & NEPD | Created 04.15.2020 | Revised 08.05.2020 | Approved by Jane Dus
Hover Tech Air Supply Cleaning Instructions

HoverTech HEPA Filter Installation

HEPA Filter Installation Instructions

The HT-Air 1200 Air Supply has two filter ports, each located on either side of the motor. To install the HTA-HPAF filter material, access the filter ports and lay the HTA-HPAF filter material on top of the existing Open Cell Foam Black Filter.

*Note: Be sure to install the HTA-HPAF filter material at both filter ports of the HT-Air 1200 Air Supply.*

**Step 1:** Locate the filter covers. One on each side of Air Supply.

**Step 2:** Remove the screws of the filter cover and remove the cover. Leave existing Black Filter in place.

**Step 3:** Place the HTA-HPAF filter material on top of the existing Black Filter.

**Step 4:** Put the filter cover back in place and screw down. The screws will penetrate the HTA-HPAF filter material.

Created by P. Jaworski & NEPD | Created 04.15.2020 | Revised 08.05.2020 | Approved by Jane Dus
AirTAP System Cleaning Instructions

Cleaning/Disinfection Method

General Guidelines

Follow your facility’s infection control policies and procedures regarding the cleaning of equipment and the use of disinfectants on cleaning facility surfaces in contact with patients’ skin.

Booster Pump

1. Unplug the Booster Pump prior to cleaning.
2. Clean the outside of the Booster Pump with a large, cloth dampened with mild detergent solution. Ensure the cloth is not so wet as to drip liquid or cause liquid to pool on the Booster Pump. To prevent damage to the operating parts inside the Booster Pump, do not allow liquid to seep into the openings.
3. Disinfect the Booster Pump using a hospital grade disinfectant in accordance with Manufacturer’s instructions.
AirTAP System Cleaning Instructions

Cleaning/Disinfection Method

FILTER REMOVAL AND REPLACEMENT

1. Unplug the Booster Pump from the wall.

2. Remove the Hose by removing it from the Nozzle Holder and Hose Retainer.

3. Remove the power cord by lifting the retention tab upwards and pulling the cord from the receptacle.

4. Locate the thumbscrew inside the cord reel opening. Remove the thumbscrew by turning in a counterclockwise direction.

5. Remove the filter canister and remove the filter by pulling it off the motor head. (Dispose of the filter per your facility’s policy).

6. Place the new filter over the end of the motor head and ensure that the threaded rod passes through the end of the filter.

7. Pull the elastic end of the filter all the way down so that it covers the yellow band.

8. Slide the filter canister over the motor head, allowing the rod to pass through the bottom hole.

9. Replace the thumbscrew back on the rod and tighten in a clockwise direction until snug.

10. Lift the gray retention tab on the motor head and fully insert the plug into the receptacle opening. Push the retention tab downward to lock the tab into place.

11. Place the nozzle end in the Nozzle Holder and snap the Hose into Hose Retainer.