

# Disinfection guide

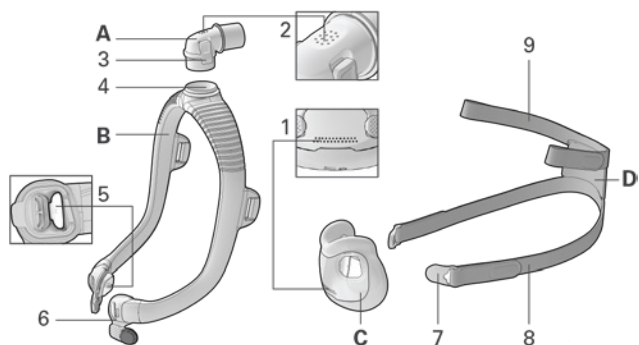
Clinical use only

This guide is intended for multi-patient re-use of the AirFit F30i and AirFit F30i Non Magnetic masks in a sleep lab, clinic or hospital. If you use the mask as a single user in the home, refer to the User Guide for cleaning instructions. The processor is responsible for ensuring that reprocessing is completed in accordance with ResMed's validated procedures. Potable water with hardness ≤150 mg/L is recommended for all cleaning, rinsing and disinfection steps.

## AirFit F30i

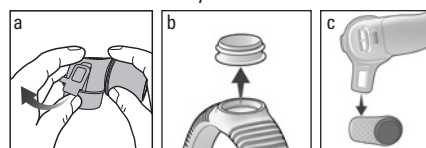
| Mask component                         | Cleaning                                                                  |  | Validated number of cycles |
|----------------------------------------|---------------------------------------------------------------------------|--|----------------------------|
|                                        | Alconox (mild alkaline, anionic detergent)                                |  |                            |
|                                        | Thermal high level disinfection                                           |  |                            |
|                                        | 167°F (75°C) for 30 minutes OR<br>194-199°F (90-93°C) for 1 to 10 minutes |  |                            |
| • Cushion                              | ✓                                                                         |  | 30                         |
| • Frame / frame magnets                | ✓                                                                         |  |                            |
| • Elbow body / elbow clip / elbow ring | ✓                                                                         |  |                            |
| • Headgear and magnetic clips          | ✓                                                                         |  |                            |

Masks and components may not be available in all regions. For full details regarding the correct use of this mask, please refer to the User Guide. For a list of available replacement parts, check the Product Guide on ResMed.com



- |                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| A Elbow body           | 4 Elbow Ring                                                         |
| B Frame                | 5 Anti-Asphyxia valve (inside the left and right of frame connector) |
| C Cushion              | 6 Frame connector and frame magnet                                   |
| D Headgear             | 7 Magnetic clip                                                      |
| 1 Vent holes (cushion) | 8 Lower headgear strap                                               |
| 2 Vent holes (elbow)   | 9 Upper headgear strap                                               |
| 3 Elbow clip           |                                                                      |

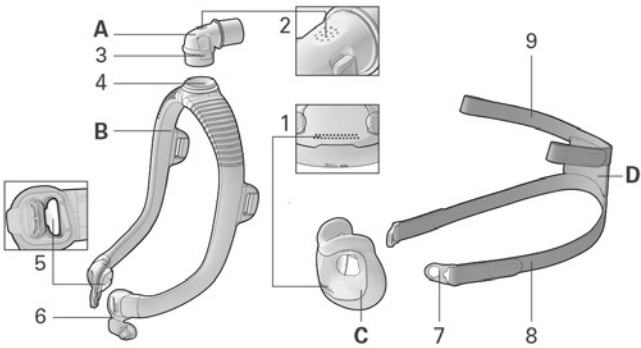
### Additional disassembly



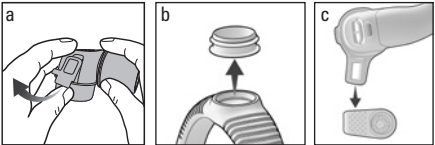
AirFit F30i Non Magnetic

| Mask component                       | Cleaning                                                                  | Validated number of cycles |
|--------------------------------------|---------------------------------------------------------------------------|----------------------------|
|                                      | Alconox (mild alkaline, anionic detergent)                                |                            |
|                                      | Thermal high level disinfection                                           |                            |
|                                      | 167°F (75°C) for 30 minutes OR<br>194-199°F (90-93°C) for 1 to 10 minutes |                            |
| Cushion                              | ✓                                                                         | 30                         |
| Frame / frame clips                  | ✓                                                                         |                            |
| Elbow body / elbow clip / elbow ring | ✓                                                                         |                            |
| Headgear and mask clips              | ✓                                                                         |                            |

Mask and components may not be available in all regions. For full details regarding the correct use of this mask, please refer to the User Guide. For a list of available replacement parts, check the Product Guide on ResMed.com.



Additional disassembly



- A

Elbow body
- B

Frame
- C

Cushion
- D

Headgear
- 1

Vent holes (cushion)
- 2

Vent holes (elbow)
- 3

Elbow clip
- 4

Elbow ring
- 5

Anti-Asphyxia valve (inside the left and right of frame connector)
- 6

Frame connector and frame clip
- 7

Mask clip
- 8

Lower headgear strap
- 9

Upper headgear strap

# Thermal disinfection procedure

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Disassembly                | <ol style="list-style-type: none"> <li>1. Disassemble the mask according to the instructions in the User Guide.</li> <li>2. Additionally: <ul style="list-style-type: none"> <li>• Remove the elbow clip away from the elbow body by firmly levering one side of the elbow clip. (Fig a.)</li> <li>• Pull the elbow ring out of the frame. (Fig b.)</li> <li>• Firmly slide the frame magnet / frame clip from the frame connector. Repeat on the other side. (Fig c.)</li> </ul> </li> <li>3. Discard any mask components not intended for multi-patient re-use.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2. Cleaning                   | <ol style="list-style-type: none"> <li>1. Make a solution of a mild alkaline, anionic detergent and water as per manufacturer's instructions. ResMed has validated: <ul style="list-style-type: none"> <li>• <b>Alconox</b> 1% concentration (10 g/L) 86-131°F (30-55°C)</li> </ul> </li> <li>2. Soak all mask components for 5 to 10 minutes. Ensure there are no air bubbles.</li> <li>3. After the soaking time, while keeping the components in the solution, clean the inside and outside with a soft bristle tube/bottle brush (inside the frame) or soft bristle brush (all other components) as follows. Pay particular attention to the crevices and cavities. <ul style="list-style-type: none"> <li>• <b>Elbow body</b> 30 seconds brushing</li> <li>• <b>Elbow clip / elbow ring / frame magnets / frame clips / multi-hole vent</b> 10 seconds brushing</li> <li>• <b>Cushion / frame / headgear</b> 1 minute brushing</li> </ul> </li> <li>4. Rinse the components as follows under running water at 68-140°F (20-60°C) directly contacting all surfaces. <ul style="list-style-type: none"> <li>• <b>Headgear</b> 1 minute rinsing, while squeezing repeatedly</li> <li>• <b>All other mask components</b> 30-60 seconds rinsing</li> </ul> </li> </ol> |
| 3. Inspection and drying      | <ol style="list-style-type: none"> <li>1. Inspect and if required, repeat all steps in section [2. Cleaning] until visually clean. Failure to clean the mask component as indicated may result in inadequate disinfection.</li> <li>2. Squeeze the headgear to remove excess water.</li> <li>3. Allow the mask components to air dry out of direct sunlight. Drying is not required if thermal disinfection is continued immediately.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 4. Disinfection               | <ol style="list-style-type: none"> <li>1. Soak the mask components in a hot water bath using one of the following temperature-time combinations. Ensure there are no air bubbles. <ul style="list-style-type: none"> <li>• 167°F (75°C) for 30 minutes OR</li> <li>• 194-199°F (90-93°C) for 1 to 10 minutes</li> </ul> </li> <li>2. Squeeze the headgear to remove excess water.</li> <li>3. Allow the components to air dry out of direct sunlight.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 5. Inspection                 | Perform a visual inspection of each mask component. If any visible deterioration of a mask component is apparent (cracking, crazing, tears etc), the mask component should be discarded and replaced. Slight discoloration of the silicone components may occur and is acceptable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6. Reassembly                 | <ol style="list-style-type: none"> <li>1. Push the elbow clip onto the elbow body until it clicks into place.</li> <li>2. Insert the elbow ring into the top of the frame.</li> <li>3. Firmly slide the frame magnet / frame clip onto the frame connector. Repeat on the other side.</li> <li>4. Reassemble the mask according to the instructions in the User Guide.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7. Storage and transportation | For storage and transportation details, check the User Guide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



## GENERAL WARNINGS AND CAUTIONS

- Always follow cleaning and disinfection instructions. Some cleaning products may damage the mask, its parts and their function, or leave harmful residual vapours. Any deviations from the procedures listed in this guide, including exceeding the specified number of maximum cycles, can have an adverse effect on the mask and consequently the safety or the quality of therapy.
- Failure to thoroughly clean and disinfect the mask components as indicated may result in inadequate disinfection.
- When using detergents, disinfectants or equipment, always follow the manufacturer's instructions. In the event of conflict, this guide takes precedence.
- Always follow safe operating practices, including the use of appropriate personal protective equipment (PPE), as required. Refer to the manufacturer's safety instructions for more details.