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**AirFit™** F30

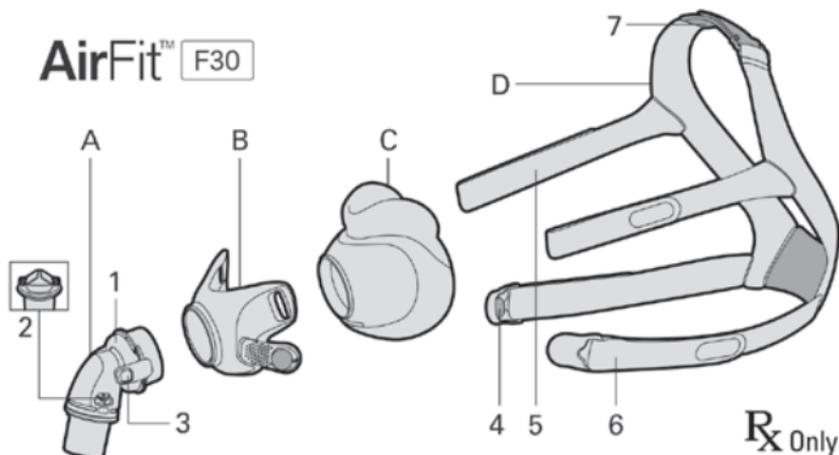
**USER GUIDE**



QuietAir



Full face  
mask



- |   |                           |   |                      |
|---|---------------------------|---|----------------------|
| A | QuietAir / standard elbow | 3 | Side buttons         |
| B | Frame                     | 4 | Magnetic clips       |
| C | Cushion                   | 5 | Upper headgear strap |
| D | Headgear                  | 6 | Lower headgear strap |
| 1 | Vent                      | 7 | Top headgear strap   |
| 2 | Anti-Asphyxia Valve       |   |                      |

## Intended use

The AirFit F30 mask is intended to be used by patients weighing more than 66 lb (30 kg) who have been prescribed non-invasive positive airway pressure (PAP) therapy such as CPAP or bi-level therapy. The mask is intended for single patient re-use in the home and multi-patient re-use in the hospital/institutional environment.

Please read the entire guide before use.

## QuietAir elbow

The QuietAir elbow is intended for single patient re-use in the home and hospital/institutional environment.

## Contraindications

Use of masks with magnetic components is contraindicated in patients with the following pre-existing conditions:

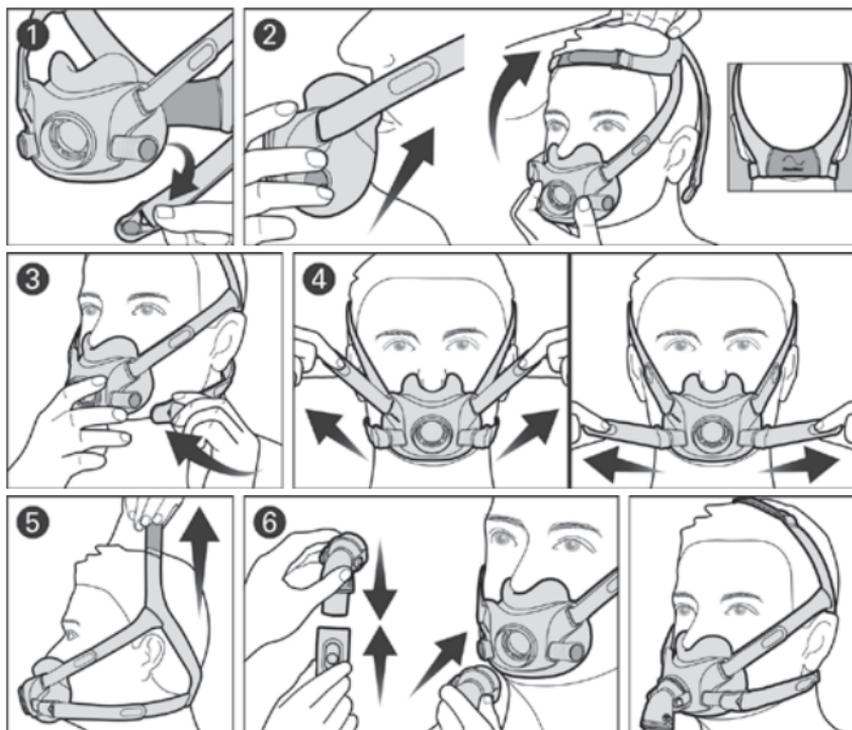
- a metallic hemostatic clip implanted in your head to repair an aneurysm
- metallic splinters in one or both eyes.

## Before using your mask

Remove all packaging and inspect each mask component for visible deterioration.

Use the fitting template to assist in selecting the right size cushion and frame.

## Fitting your mask



1. Twist and pull both magnetic clips away from the frame.
2. Place the cushion under your nose and ensure it sits comfortably against your face. With the ResMed logo on the headgear facing up, pull the headgear over your head.
3. Bring the lower headgear straps under your ears and attach the magnetic clips to the frame.
4. Undo the fastening tabs on the upper headgear straps and pull evenly. Repeat with the lower headgear straps.
5. If the headgear is too close to the ear, adjust the top headgear strap
6. Connect the device air tubing to the elbow and attach the elbow to the mask, ensuring that it clicks in place.

### **Adjusting your mask**

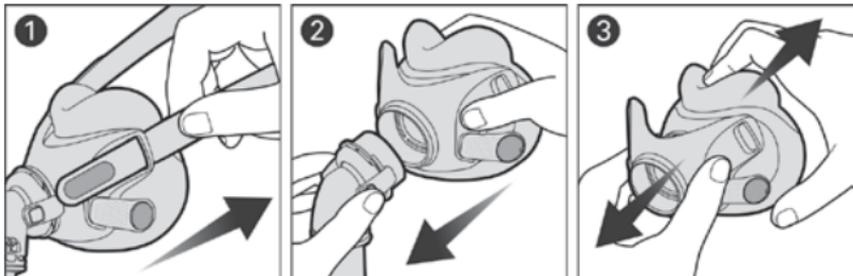
- With the device turned on and blowing air, adjust the position of the cushion for the most comfortable fit under your nose. Ensure that the cushion is not creased and the headgear is not twisted.
- To fix any leaks at the upper or lower part of the mask, adjust the top, upper or lower headgear straps. Adjust only enough for a comfortable seal and do not overtighten.

### **Removing your mask**

1. Twist and pull both magnetic clips away from the frame.
2. Pull the mask away from your face and back over your head.

## Disassembling your mask for cleaning

If your mask is connected to a device, disconnect the device air tubing from the mask elbow.



1. Undo the fastening tabs on the upper headgear straps and pull them from the frame. Keep the magnetic clips attached to the lower headgear straps.
2. Squeeze the side buttons on the elbow and detach from the frame.
3. Hold the top and bottom of the cushion and separate from the frame.

## Cleaning your mask

**After each use:** Elbow, frame, cushion

**Weekly:** Headgear

1. Soak the components in warm water with a mild liquid detergent. Ensure that there are no air bubbles while soaking.
2. Shake the components vigorously in the water for at least one minute and hand wash with a soft bristle brush. Pay particular attention to all connection areas, elbow vent holes and valves.
3. Thoroughly rinse the components under running water.
4. Squeeze the headgear to remove excess water. Leave the components to air dry out of direct sunlight.

If the mask components are not visibly clean, repeat the cleaning steps.

## Reassembling your mask

1. With the ResMed logo facing outwards and up, insert the upper headgear straps into the frame from the inside and fold the fastening tabs over to secure.
2. Hold the top and bottom of the cushion and attach to the frame.
3. Attach the elbow to the frame.



### WARNING

- The mask must be used under qualified supervision for patients who are unable to remove the mask by themselves. This mask is not for use on patients with impaired laryngeal reflexes or other conditions predisposing to aspiration in the event of regurgitation or vomiting.
- To avoid affecting the safety and quality of therapy, the mask vents must be kept clear to protect against rebreathing. Regularly inspect the vents to ensure they are kept clean, undamaged and clear of blockages.
- The mask contains specific safety features with the supplied elbow (containing the valve and vent assembly) to ensure safe and functional usage. Do not use the mask if these features are damaged or missing.
- The mask should not be used unless the device is turned on. Once the mask is fitted, ensure the device is blowing air to reduce risk of rebreathing exhaled air.
- Oxygen supports combustion and must only be used in well ventilated rooms. Do not use oxygen while smoking or near an open flame. Oxygen flow must be turned off when the device is not operating.
- At a fixed rate of supplemental oxygen flow, the inhaled oxygen concentration varies, depending on the pressure settings, patient breathing pattern, mask, point of application and leak rate. This warning applies to most types of CPAP or bi-level devices.
- The technical specifications of the mask are provided for your clinician or respiratory therapist to check that they are compatible with the CPAP or bi-level device. If used outside specification or if used with incompatible devices, the seal and comfort of the mask may not be effective, optimum therapy may not be achieved, and leak, or variation in the rate of leak, may affect the CPAP or bi-level device function.
- Discontinue using the mask if you have ANY adverse reaction and consult your physician or sleep therapist.
- Using a mask may cause tooth, gum or jaw soreness or aggravate an existing dental condition. If symptoms occur, consult your physician or dentist.
- The F30 line of full face CPAP masks are not intended to be used simultaneously with nebulizer medications that are in the air path of the mask/tube.

## WARNING

- Magnets are used in the lower headgear straps and the frame of the mask. Ensure the headgear and frame is kept at least 2" (50 mm) away from any active medical implant (eg, pacemaker or defibrillator) to avoid possible effects from localized magnetic fields. The magnetic field strength is less than 400 mT.
- Avoid connecting flexible PVC products (eg, PVC tubing) directly to any part of the mask. Flexible PVC contains elements that can be detrimental to the materials of the mask, and may cause the components to crack or break.
- Regularly clean your mask to maintain the quality of your mask and to prevent the growth of germs that can adversely affect your health.
- Always follow cleaning instructions. Some cleaning products may damage the mask, its parts and their function, or leave harmful residual vapours.

## CAUTION

- Remove all packaging before using the mask.
- When fitting the mask, do not overtighten the headgear as this may lead to skin redness or sores around the mask cushion.
- As with all masks, some rebreathing may occur at low pressures.
- Visual criteria for product inspection: If there is any visible deterioration of a mask component (cracking, crazing, tears etc.), the component should be discarded and replaced.

## Technical specifications

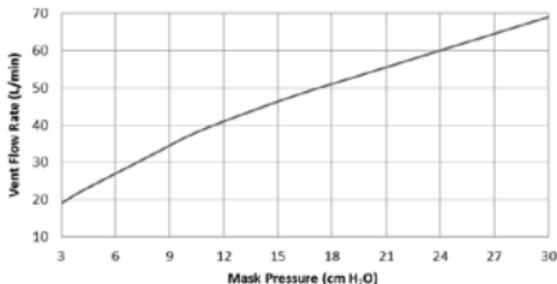
### Mask setting options

For AirSense or AirCurve: Select 'Full Face'.

### Compatible devices

For a full list of compatible devices for this mask, see the Mask/Device Compatibility List at [ResMed.com/downloads/masks](https://www.resmed.com/downloads/masks).

### Pressure-flow curve:



Pressure (cm H <sub>2</sub> O)	Flow (L/min)
3	19
10	37
20	54
30	69

**Therapy pressure:** 3 to 30 cm H<sub>2</sub>O

**Resistance with Anti- Asphyxia Valve closed to atmosphere**

Drop in pressure measured (nominal) at 50 L/min: 0.3 cm H<sub>2</sub>O

Drop in pressure measured (nominal) at 100 L/min: 0.7 cm H<sub>2</sub>O

**Inspiratory and expiratory resistance with Anti Asphyxia Valve open to atmosphere**

Inspiration at 50 L/min: 0.6 cm H<sub>2</sub>O

Expiration at 50 L/min: 0.8 cm H<sub>2</sub>O

**Anti Asphyxia Valve open-to-atmosphere pressure:** ≤3 cm H<sub>2</sub>O

**Anti Asphyxia Valve closed-to-atmosphere pressure:** ≤3 cm H<sub>2</sub>O

**Sound:** Declared dual-number noise emission values in accordance with ISO4871 and ISO3744. The A-weighted sound power level and A-weighted sound pressure level of the mask at a distance of 1 m, with uncertainty of 3 dBA, are shown.

Power level (with QuietAir elbow): 21 dBA

Pressure level (with QuietAir elbow): 14 dBA

Power level (with standard elbow): 31 dBA

Pressure level (with standard elbow): 23 dBA

**Environmental conditions**

Operating temperature: 41°F to 104°F (5°C to 40°C)

Operating humidity: 15% to 95% non-condensing

Storage and transport temperature: -4°F to 140°F (-20°C to +60°C)

Storage and transport humidity: up to 95% non-condensing

**Gross dimensions**

Mask fully assembled (H x W x D)

4.33" x 4.57" x 4.02" (110 mm x 116 mm x 102 mm)

**International Commission on Non-Ionizing Radiation Protection (ICNIRP)**

Magnets used in this mask are within ICNIRP guidelines for general public use.

**Service life**

The service life of the AirFit F30 mask system is dependent on the intensity of usage, maintenance, and environmental conditions to which the mask is used or stored. As this mask system and its components are modular in nature, it is recommended that the user maintain and inspect it on a regular basis, and replace the mask system or any components if deemed necessary or according to the 'Visual criteria for product inspection' in the 'Warning' section of this guide.

**Notes:**

- This product is not made with PVC or phthalates such as DEHP, DBP or BBP.
- This product is not made with natural rubber latex.
- The manufacturer reserves the right to change these specifications without notice.

## Storage

Ensure that the mask is thoroughly clean and dry before storing it for any length of time. Store the mask in a dry place out of direct sunlight.

## Disposal

This mask does not contain any hazardous substances and may be disposed of with your normal household refuse.

## Reprocessing the mask between patients

Only Sleep Lab Mask (SLM) variants of the AirFit F30 mask system are intended for multi-patient re-use. When using between patients, these masks must be reprocessed according to cleaning and disinfection instructions available on [ResMed.com/downloads/masks](https://www.resmed.com/downloads/masks).

## Symbols

The following symbols may appear on your product or packaging:



Full face mask



Device setting - Full face



Cushion size - small



Cushion size - medium



Caution, consult accompanying documents



Indicates a Warning or Caution and alerts you to a possible injury or explains special measures for the safe and effective use of the device



Prescription only (In the US, Federal law restricts these devices to sale by or on the order of a physician.)

See symbols glossary at [ResMed.com/symbols](https://www.resmed.com/symbols).

## Limited warranty

ResMed Ltd (ResMed) warrants that your ResMed mask system (including mask frame, cushion, headgear and elbow) will be free from defects in material and workmanship from the date of purchase for 90 days, or in the case of disposable masks and disposable mask components for 7 days. This warranty is only available to the initial consumer. It is not transferable. If the product fails under conditions of normal use, ResMed will repair or replace, at its option, the defective product or any of its components. This limited warranty does not cover: a) any damage caused as a result of improper use, abuse, modification or alteration of the product; b) repairs carried out by any service organization that has not been expressly authorized by ResMed to perform such repairs; and c) any damage or contamination due to cigarette, pipe, cigar or other smoke. Warranty is void on product sold, or resold, outside the region of original purchase.

Warranty claims on defective product must be made by the initial consumer at the point of purchase.

This warranty replaces all other expressed or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose. Some regions or states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

ResMed will not be responsible for any incidental or consequential damages claimed to have resulted from the sale, installation or use of any ResMed product. Some regions or states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from region to region. For further information on your warranty rights, contact your local ResMed dealer or ResMed office.



**MANUFACTURER**

**ResMed Ltd**

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# Urgent Field Safety Notice

## ResMed Masks with Magnets - Potential Magnetic Interference with Certain Medical Devices

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### *PATIENT LETTER*

Reference: MWM-2023-FSN-01

Date: 20 November 2023

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Dear Patient,

ResMed is providing you with important information regarding our masks with magnets, which may interact with some implants or certain medical devices. It is important that you understand the information contained in this letter, take action if necessary, and keep it for future reference.

In response to new information from latest industry practices and global safety data, ResMed is **updating the Contraindications and Warnings** in our User Guides to instruct patients on the safe use of **ResMed masks with magnets**.

- Contraindications: conditions under which the mask is not to be used.
- Warnings: identify a possible hazard and provide information on how to safely use the mask.

### General Product Description

These masks are used to deliver air to a patient from a positive airway pressure (PAP) device.

Magnets are used in some ResMed masks to provide a simple and easy way for patients to attach and detach the headgear to the mask frame when regularly fitting the mask for use. This can be notably beneficial to patients with disabilities, including those facing dexterity or vision impairment.

### Which masks are affected?

The following ResMed masks contain magnets, please note that mask availability may differ in each country. If you do not use one of the masks identified below, this letter does not apply to you.

Mask type	Affected masks
Full face mask	AirFit F20, AirFit F20 for Her AirTouch F20, AirTouch F20 for Her AirFit F30 AirFit F30i
Nasal mask	AirFit N10, AirFit N10 for Her AirFit N20, AirFit N20 for Her AirTouch N20, AirTouch N20 for Her
Non vented mask	AirFit F20 NV

See **Appendix A** for more information on identifying your ResMed mask and the specific location of the magnets.



## What has changed?

ResMed is updating the **Contraindications** and **Warning** relating to magnetic interference, in its User Guides for all masks with magnets.

### Updated Contraindications

Masks with magnetic components are contraindicated for use by patients where they, or anyone in close physical contact while using the mask, have the following:

- Active medical implants that interact with magnets (i.e., pacemakers, implantable cardioverter defibrillators (ICD), neurostimulators, cerebrospinal fluid (CSF) shunts, insulin/infusion pumps)
- Metallic implants/objects containing ferromagnetic material (i.e., aneurysm clips/flow disruption devices, embolic coils, stents, valves, electrodes, implants to restore hearing or balance with implanted magnets, ocular implants, metallic splinters in the eye)

### Updated Warning

Keep the mask magnets at a safe distance of at least 6 inches (150 mm) away from implants or medical devices that may be adversely affected by magnetic interference. This warning applies to you or anyone in close physical contact with your mask. The magnets are in the frame and lower headgear clips, with a magnetic field strength of up to 400mT. When worn, they connect to secure the mask but may inadvertently detach while asleep.

Implants/medical devices, including those listed within contraindications, may be adversely affected if they change function under external magnetic fields or contain ferromagnetic materials that attract/repel to magnetic fields (some metallic implants, e.g., contact lenses with metal, dental implants, metallic cranial plates, screws, burr hole covers, and bone substitute devices). Consult your physician and manufacturer of your implant / other medical device for information on the potential adverse effects of magnetic fields.

## Patient Safety Information

ResMed's masks with magnets are safe when used in accordance with the updated Instructions for Use including the **Contraindications** and **Warnings**.

When a magnet comes close to certain medical implants/devices (less than 6 inches / 150mm) there is potential for magnetic interference to change:

- the function of an implant/medical device
- the position of implants made of ferromagnetic material

In rare circumstances, this can lead to serious injury or death.

Contraindicated patients can avoid the potential harm from magnetic interference by using an alternative mask without magnets. All other patients using ResMed masks with magnets can continue to use the mask following the updated Instructions for Use.

From 2014 to November 2023, ResMed has sold tens of millions of masks with magnets globally. In this time, ResMed has submitted five (5) reports of serious harm (medical intervention /hospitalization) that were potentially related to magnetic interference with an implanted device (including implantable cardioverter defibrillators (ICD) and cerebrospinal fluid (CSF) shunts) to relevant Regulatory Authorities. No permanent injuries or deaths have been reported.



## Actions to be taken by you

### Contraindicated patients using a ResMed mask with magnets

If you, or anyone in close physical contact while using the mask (e.g. bed partner), have an active medical implant or metallic implanted object that is identified within the **Contraindications** above:

- Replace your mask containing magnets with an alternative mask without magnets in a timely manner. Contact your mask provider for alternative mask options.  
*Note, ResMed is making our masks without magnets available to your mask provider for replacement.*
- If an alternative mask is not available, consult your physician/doctor for appropriate next steps regarding your therapy.
- Dispose of the mask with magnets after you receive an alternative mask.

*Note, not all models or variants of medical devices listed in the contraindications are affected by external magnetic fields. If you are not sure whether a medical device/implant falls under the Contraindications, or you require additional information on the potential adverse effects of magnetic fields for your particular device, please contact your physician/doctor.*

### All other patients using a ResMed mask with magnets

If you are NOT contraindicated from using a ResMed mask with magnets, you may continue to use the mask, ensuring you follow all user instructions, including the updates described in this letter.

- Importantly, ResMed masks with magnets are to be kept at least 6 inches (150mm) away from implants or medical devices that may be adversely affected by magnetic interference, as described in the updated **Warning**.

For more information regarding these changes please visit [www.resmed.com/magnetupdate](http://www.resmed.com/magnetupdate).

## Reporting an Adverse Event

If you have experienced an adverse event related to the use of ResMed masks with magnets, please visit [www.resmed.com/contact](http://www.resmed.com/contact) or contact your mask provider. Alternatively, adverse events experienced with the use of this product may be reported to the FDA's MedWatch Adverse Event Reporting program either [online](#), or by regular mail or by fax. 1-800-332-1088 to request a form.

## Manufacturer

ResMed Pty Ltd  
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Australia

We appreciate your support and consider this action necessary to ensure that all patients are aware of these updates. If you have any questions or concerns or would like more information, please contact your mask provider or physician/doctor.

Sincerely,

A handwritten signature in black ink, appearing to read "Dawn Y. Haake", with a horizontal line extending to the right.

Dawn Y. Haake  
Chief Quality Officer

## APPENDIX A - RESMED MASKS WITH MAGNETS

Note, product availability may differ in each country.

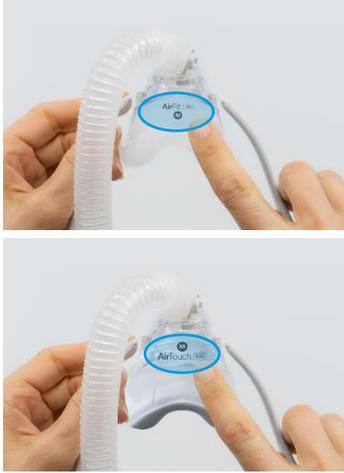


Magnet locations

Products Affected	Location of Model Name	Location of Magnets
<b>AirFit™ F30i</b>		
<b>AirFit™ F30</b> Full face mask		
<b>AirFit™ F20</b> Full face mask <b>AirFit™ F20</b> Full face mask for Her		
<b>AirTouch™ F20</b> Full face mask <b>AirTouch™ F20</b> Full face mask for Her		

**APPENDIX A - RESMED MASKS WITH MAGNETS (CONTINUED)**

Note, product availability may differ in each country.

Products Affected	Location of Model Name	Location of Magnets
<p><b>AirFit™</b> N20 Nasal mask</p> <p><b>AirFit™</b> N20 Nasal mask for Her</p> <p><b>AirTouch™</b> N20 Nasal mask</p> <p><b>AirTouch™</b> N20 Nasal mask for Her</p>		
<p><b>AirFit™</b> F20 NV</p>		
<p><b>AirFit™</b> N10 Nasal mask</p> <p><b>AirFit™</b> N10 Nasal mask for Her</p>		