

# RESMED

## Swift™ FX

NASAL PILLOWS SYSTEM

### User Guide

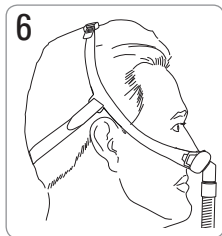
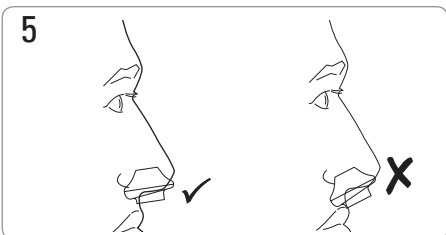
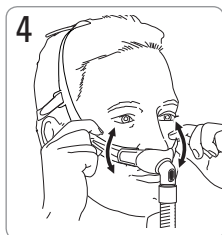
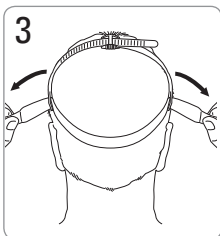
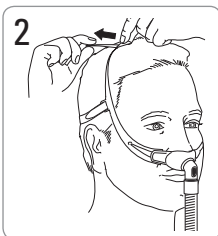
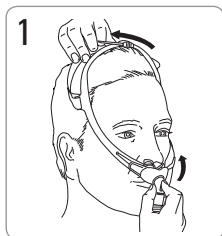
English



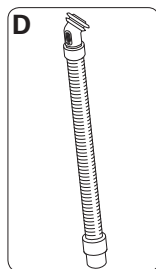
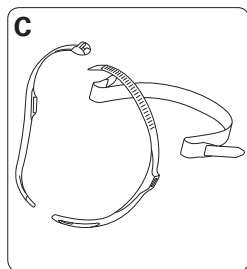
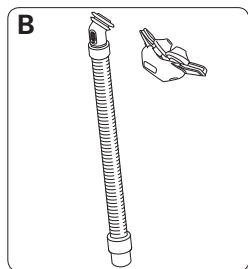
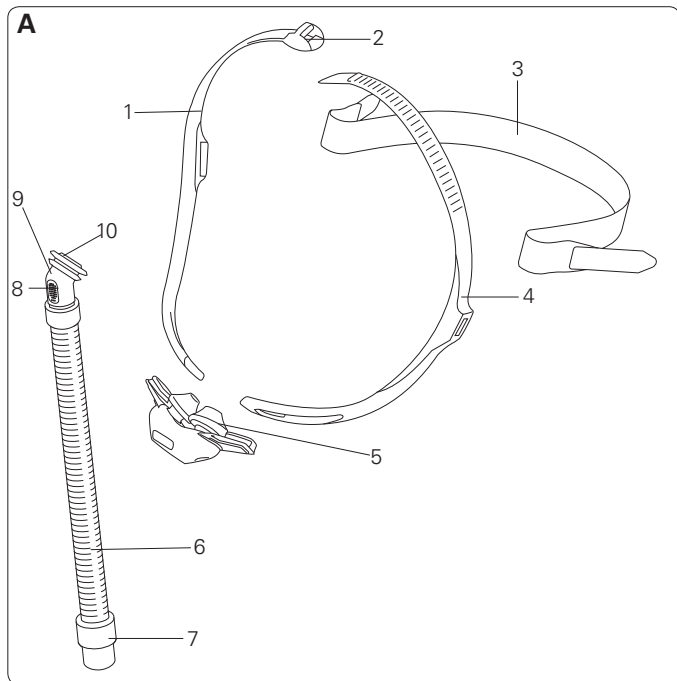
# RESMED

## Swift™ FX

Fitting / Anlegen / Mise en place / Applicazione / Opzetten



# Swift FX



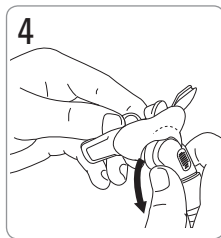
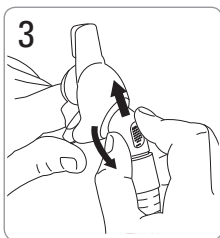
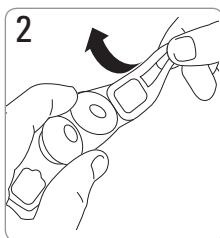
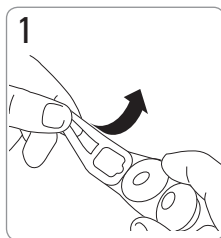
## Mask components / Maskenkomponenten / Composants du masque / Componenti della maschera / Maskeronderdelen

Item / Artikel / Article / Articolo / Artikel	Description / Beschreibung / Description / Descrizione / Beschrijving	Part number / Artikelnummer / Code produit / Numero parte / Onderdeel- nummer
1	Headgear right / Kopfband rechts / Partie droite du harnais / Parte destra copricapo / Rechterkant hoofdband	-
2	Top buckle / Oberer Clip / Boucle supérieure / Fibbia superiore / Bovenste hoofdbandgesp	-
3	Back strap / Hinteres Band / Sangle arrière / Cinghia posteriore / Achterste band	-
4	Headgear left / Kopfband links / Partie gauche du harnais / Parte sinistra copricapo / Linkerkant hoofdband	-
5	Pillows / Nasenpolster / Coussins / Cuscinetti / Kussentjes	61521 (S) 61522 (M) 61523 (L)
6	Short tube / Verbindungsschlauch / Tuyau court / Tubo corto / Korte slang	-
7	Swivel / Drehadapter / Pièce pivotante / Giunto rotante / Draaibare kop	-
8	Vent / Luftauslassöffnung / Orifice de ventilation / Foro per l'esalazione / Ventilatieopening	-
9	Elbow / Kniestück / Coude / Gomito / Bocht	-
10	Swivel ring / Drehadapterring / Anneau pivotant / Anello rotante / Ring draaibare kop	-

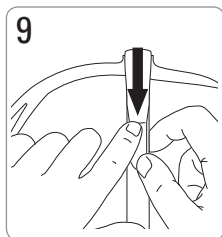
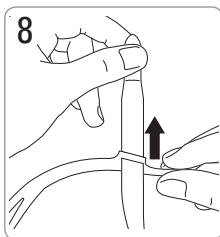
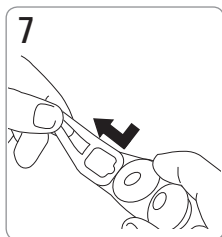
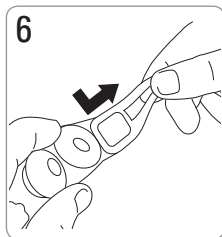
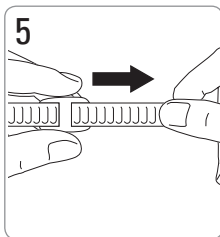
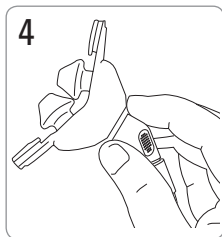
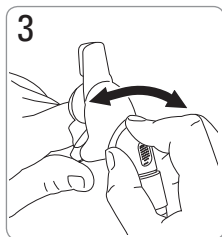
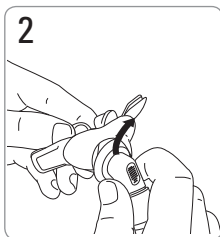
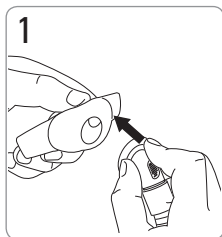
Item / Artikel / Article / Articolo / Artikel	Description / Beschreibung / Description / Descrizione / Beschrijving	Part number / Artikelnummer / Code produit / Numero parte / Onderdeel- nummer
A	Complete system / Komplettes System / Masque complet / Maschera con tutti i componenti / Volledige systeem	61501 (EUR 1)
B	Pillows system / Nasenpolstereinsatz / Coussins / Cuscinetti nasali / Kussentjessysteem	61510 (XS) 61511 (S) 61512 (M) 61513 (L)
C	Headgear assembly / Zusammenbau des Kopfbandes / Ensemble harnais / Gruppo del copricapo / Assemblage hoofdband	61529
D	Short tube assembly / Kurzer Schlauchsatz / Ensemble tuyau court / Gruppo circuito corto / Assemblage korte slang	61528 (1) 61527 (10)
<b>Also available / Außerdem erhältlich / Également disponible / Altri prodotti / Tevens verkrijgbaar</b>		
	Pillows / Nasenpolster / Coussins / Cuscinetti / Kussentjes	61520 (XS)
	Soft wraps / Komforthüllen / Housses souples / Involucri imbottiti / Zachte beschermers	61530

XS Extra Small / Extra Small / Très petit / Extra Small / Extra Small,  
S Small / Small / Petit / Small / Small,  
M Medium / Medium / Médium / Medium / Medium,  
L Large / Large / Grand / Large / Large

# Disassembly / Auseinanderbau / Démontage / Smontaggio / Uit elkaar halen



# Reassembly / Zusammenbau / Remontage / Riassemblaggio / Opnieuw in elkaar zetten



# Swift™ FX

## NASAL PILLOWS SYSTEM

Thank you for choosing the Swift FX.

### Intended use

The Swift FX channels airflow noninvasively to a patient from a positive airway pressure (PAP) device such as a continuous positive airway pressure (CPAP) or bilevel system.

The Swift FX is:

- to be used by adult patients (>30 kg) for whom positive airway pressure has been prescribed
- intended for single-patient re-use in the home environment and multipatient re-use in the hospital/institutional environment.

### Using your mask

When using your mask with ResMed CPAP or bilevel devices that have mask setting options, refer to the Technical specifications section in this user guide for mask selection options.

For a full list of compatible devices for this mask, see the Mask/Device Compatibility List on [www.resmed.com](http://www.resmed.com) on the **Products** page under **Service & Support**. If you do not have internet access, please contact your ResMed representative.

#### **Notes:**

- *This mask is not compatible for use with ResMed AutoSet CS™ 2 and VPAP™ Adapt SV devices.*
- *SmartStop may not operate effectively when using this mask with some CPAP or bilevel devices that have this feature.*
- *If you experience nasal dryness or irritation, use of a humidifier is recommended.*





## **WARNING**

- The vent holes must be kept clear.
- The mask should not be used unless the CPAP system is turned on and operating properly.
- Follow all precautions when using supplemental oxygen.
- Oxygen flow must be turned off when the CPAP or bilevel device is not operating, so that unused oxygen does not accumulate within the CPAP or bilevel device enclosure and create a risk of fire.
- 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.
- The technical specifications of the mask are provided for your clinician to check that they are compatible with the CPAP or bilevel 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 bilevel device function.
- Discontinue using this mask if you have ANY adverse reaction to the use of the mask, 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.
- As with all masks, some rebreathing may occur at low CPAP pressures.
- Refer to your CPAP or bilevel device manual for details on settings and operational information.
- Remove all packaging before using the mask.

## Cleaning your mask in the home

Your mask and headgear should only be handwashed by gently rubbing in warm (approximately 30°C) water using mild soap. All components should be rinsed well with drinking quality water and allowed to air dry out of direct sunlight.

### Daily/After each use:

- To optimise the mask seal, facial oils should be removed from the cushion after use.
- Handwash the separated mask components (excluding headgear).
- If the vent requires cleaning use a soft bristle brush.

### Weekly:

- Handwash the headgear. It may be washed without being disassembled.



### WARNING

Do not use aromatic-based solutions or scented oils (eg, eucalyptus or essential oils), bleach, alcohol or products that smell strongly (eg, citrus) to clean any of the mask components. Residual vapours from these solutions can be inhaled if not rinsed thoroughly. They may also damage the mask, causing cracks.



### CAUTION

- If any visible deterioration of a system component is apparent (cracking, crazing, tears or cushion damage), the component should be discarded and replaced.
- 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.

## Reprocessing the mask between patients

This mask should be reprocessed when used between patients. Cleaning, disinfection and sterilization instructions are available from the ResMed website, [www.resmed.com/masks/sterilization](http://www.resmed.com/masks/sterilization). If you do not have internet access, please contact your ResMed representative.

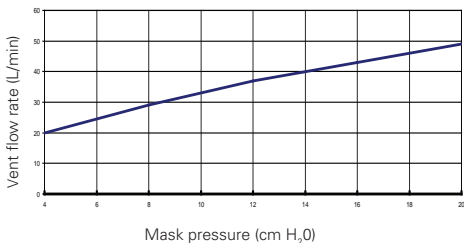
## Troubleshooting

Problem / possible cause	Solution
<b>Pillows won't seal properly, are uncomfortable or cause red marks</b>	
Pillows may have been fitted incorrectly, adjusted incorrectly or the headgear is too tight.	Check that the ResMed logo on top of the pillows is facing outwards. Carefully follow the fitting instructions. Readjust the headgear to ensure it is not over tightened.
Inner wall position of one or both pillows is incorrect.	Squeeze pillow sides to release inner wall. The correct position is shown in the reassembly instructions.
Pillows are the wrong size.	Talk to your clinician.
Pillows may be dirty.	Clean pillows according to the instructions.
<b>Mask is too noisy</b>	
System is assembled incorrectly.	Disassemble the mask, then reassemble according to the instructions.
System is leaking air.	Refit or reposition you mask. Adjust your headgear. Check your mask is assembled correctly.
Vent is blocked or partially blocked.	If the vent requires cleaning, use a soft bristle brush.

## Technical specifications

### Pressure–flow curve

The mask contains passive venting to protect against rebreathing. As a result of manufacturing variations, the vent flow rate may vary.



Pressure (cm H <sub>2</sub> O)	Flow (L/min)
4	20
8	29
12	37
16	43
20	49

### Dead space information

Physical dead space is the empty volume of the mask to the end of the swivel. Using the large cushions it is 103 mL.

### Therapy pressure

4 to 20 cm H<sub>2</sub>O

### Resistance

Drop in pressure measured (nominal)  
at 50 L/min: 0.5 cm H<sub>2</sub>O  
at 100 L/min: 1.8 cm H<sub>2</sub>O

### Sound

DECLARED DUAL NUMBERED NOISE EMISSION VALUES IN ACCORDANCE WITH ISO 4871

The A-weighted sound power level of the mask is 25 dBA, with uncertainty 3 dBA.

The A-weighted sound pressure level of the mask at a distance of 1m is 17 dBA, with uncertainty 3 dBA.

### Environmental conditions

Operating temperature: +5°C to +40°C  
Operating humidity: 15% to 95% relative humidity non-condensing  
Storage and transport temperature: -20°C to +60°C  
Storage and transport humidity: up to 95% relative humidity non-condensing

### Gross dimensions

XS, S, M, L: 420 mm (H) x 93 mm (W) x 45mm (D)  
Mask fully assembled with short tube assembly – no headgear

### Mask setting options

Select 'SWIFT', otherwise select 'MIRAGE' as the mask option.

### **Notes:**

- *The mask system does not contain latex, PVC or DEHP materials.*
- *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.

### **Symbols**

 Caution, consult accompanying documents;  Lot number;  Part number;  Temperature limitation;  Humidity limitation;  Does not contain latex;  Manufacturer;  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;  Keep away from rain;  This way up;  Fragile, handle with care.

### **Consumer warranty**

ResMed acknowledges all consumer rights granted under the EU Directive 1999/44/EG and the respective national laws within the EU for products sold within the European Union.

**Manufacturer:**

ResMed Ltd 1 Elizabeth Macarthur Drive Bella Vista NSW 2153 Australia.

**Distributed by:**

ResMed Corp 9001 Spectrum Center Boulevard San Diego CA 92123 USA.

ResMed (UK) Ltd 96 Milton Park Abingdon Oxfordshire OX14 4RY UK.

See [www.resmed.com](http://www.resmed.com) for other ResMed locations worldwide.

Swift FX

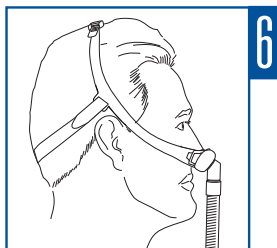
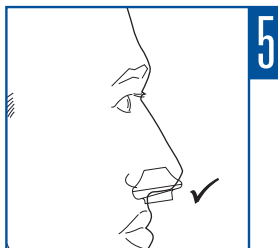
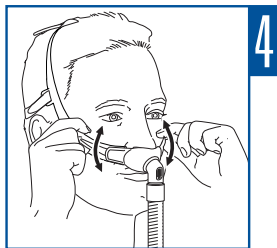
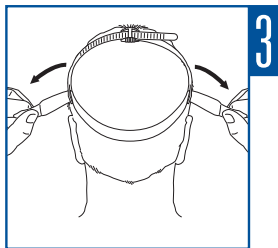
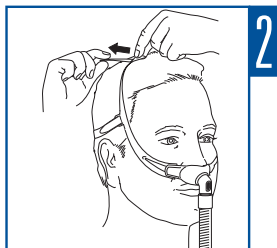
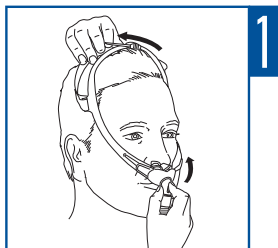
Protected by patents: AU 785376, HK 1057714, EP 1314445, EP 1582230, US 6581594, US 6823865, US 7159587. Other patents pending.

Protected by design registration: US D562976. Others designs pending.

Swift is a trademark of ResMed Ltd and Swift is registered in U.S. Patent and Trademark Office.

© 2009 ResMed Ltd.





608260/1 09 05

SWIFT FX

USER

**ROW-ENG**



6 0 8 2 6 0