



Introducing the new way to get on top of leak & therapy management

RESMED



Ultra
MIRAGE™
FULL FACE MASK

Now you can stop the loss...

Mouth breathing is a common problem for CPAP and bilevel therapy users. In fact, around 40% of CPAP users and almost all bilevel users experience mouth breathing and mouth leak.^{1,2,3} While chronic nasal disease is a common cause of mouth breathing, most patients experience mouth leak intermittently. Colds, allergies, and alcohol consumption can all affect therapy at some time.

ResMed's new Ultra Mirage™ Full Face Mask covers both the nose and mouth so that effective therapy can be delivered even in the presence of mouth breathing and leak. Many people may need to use an Ultra Mirage Full Face Mask all of the time. Others may find they only need it from time to time as an alternative to their nasal mask.

The mouth leak cycle

Mouth breathing causes high unidirectional airflow and prevents moist air from the lungs passing over the nasal mucosa. This results in mucosal drying, nasal congestion, and flu-like symptoms on awaking in the morning. Increased nasal symptoms can worsen OSA and lead to increased nasal airway resistance. This in turn leads to further mouth breathing, thus perpetuating the cycle.

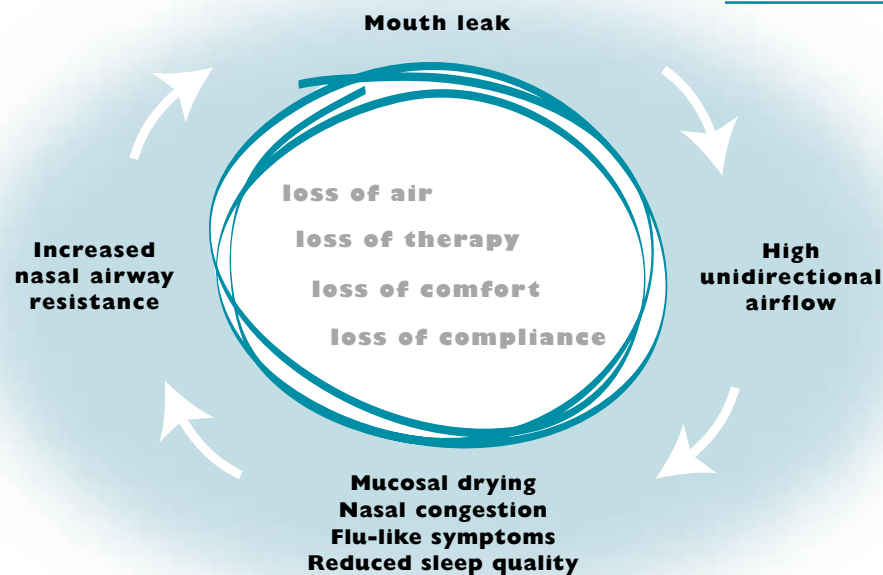
For bilevel users, mouth breathing leads to patient-machine asynchrony, discomfort, increased work of breathing, and muscle fatigue. It also increases CO₂ levels. Together these factors reduce the effectiveness of bilevel ventilatory support.⁴

The result is loss of therapy effectiveness, loss of comfort, and disrupted sleep⁴—all of which can lead to loss of compliance, and ultimately loss of patients on therapy. The Ultra Mirage Full Face Mask is designed to help you stop the loss.

Ultra Mirage Full Face Mask—the best of the Ultra Mirage technology in a full face mask



The mouth leak cycle



Losing air is losing therapy
You CAN stop the loss



with the Ultra Mirage Full Face Mask

The Ultra Mirage Full Face Mask combines the proven performance of two of ResMed's leading masks—the Ultra Mirage nasal mask and Mirage® Full Face Mask Series 2.

Comfort you can trust

Proven cushion technology

The Ultra Mirage Full Face Mask continues to use the proven and popular Mirage Cushion Technology. The soft, dual-wall cushion reduces pressure on the nasal bridge and optimises seal comfort, even when the patient moves throughout the night.



Soft, dual-wall cushion

Superior seal through enhanced stability

Ultra-style forehead support

The introduction of the popular Ultra-style forehead support takes seal performance to a new level. The forehead support enhances stability by minimizing movement of the mask relative to the face. Seal is maintained even when the patient moves during sleep. It offers four position options to optimize seal and patient comfort.

The design and flexibility of the forehead pads allow them to conform to the contour of the patient's forehead, further enhancing stability and comfort.



Ultra-style forehead support enhances stability

User-convenience

Quick Release headgear clips

Top and bottom headgear clips allow quick and easy fitting and removal of the mask. The clips also increase convenience in other ways. Once the headgear is set up, it doesn't have to be readjusted each time the mask is used. So the headgear is truly Set & Forget, making it simpler for both the clinician and patient.



Four adjustable positions to optimize seal

Peace of mind

Built-in safety features

The mask has been designed with your concerns in mind. The headgear clips allow quick removal of the mask in an emergency. In addition, a safety valve in the mask elbow allows the patient to breathe fresh air when the flow generator does not provide flow.

Minimal dead space, superior airflow characteristics, and built-in air vents reduce CO₂ rebreathing. Even at low pressures, the mask provides excellent CO₂ washout.

1. Richards et al. *Am J Respir Crit Care Med* 1996 Jul;154(1):182-186
2. Lojander et al. *Acta Otolaryngol* 1999;119(4):497-502
3. Meyer et al. *Sleep* 1999 Jul;20(7):561-9
4. Teschler et al. *Eur Respir J* 1999 Dec;14(6):1251-1257



Forehead pads conform to the contour of the patient's forehead



Quick Release headgear clips

Ultra Mirage Full Face Mask System Product Codes

Europe (except UK), Australia and Asia

Small standard	60610
Small shallow	60611
Medium standard	60612
Medium shallow	60613
Large standard	60614
Large shallow	60615
Fitting template	16981

UK

Small standard	60684
Small shallow	60685
Medium standard	60686
Medium shallow	60687
Large standard	60688
Large shallow	60689
Fitting template	16981

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Others pending. Other patents and design registrations pending. Ultra Mirage and
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The Ultra Mirage Full Face Mask is just one of a range of products that ResMed has developed to help you identify and manage mouth leak. We have CPAP, autotitration, and bilevel devices that:

- record leak levels throughout the night
- automatically adapt for changing leak levels
- provide integrated humidification options to minimize nasal drying due to mouth leak.

Now you can stop the loss

How do you know which positive airway pressure patients will need a full face mask?
Take a few minutes to ask all patients these questions—

Yes No

- | | | |
|--------------------------|--------------------------|---|
| ☐ | ☐ | Do you often wake up with a dry mouth and/or throat? |
| ☐ | ☐ | Do you tend to breathe through your mouth (rather than your nose)? |
| ☐ | ☐ | Do you suffer from allergies or hay fever? |
| ☐ | ☐ | Do you have a blocked nose/congestion at certain times of the year? |
| ☐ | ☐ | Have you ever had a broken nose? |
| ☐ | ☐ | Do you have a deviated septum? |
| ☐ | ☐ | Have you had previous nasal surgery? |
| ☐ | ☐ | Are you currently using any nasal therapy or medication? |

In addition, for patients already using therapy with a nasal mask—

Yes No

- | | | |
|--------------------------|--------------------------|--|
| ☐ | ☐ | Are you continuing to snore even when using therapy? |
| ☐ | ☐ | Do you use a chin strap with therapy? |

Patients who answer **YES** to one or more questions may benefit from using a full face mask.

Prescribing a full face mask can prevent patients from suffering mouth leaks and loss of therapy. They are less likely to return with problems, and more likely to be satisfied and compliant with therapy.