
PURITAN
BENNETT

Breeze[™] **SleepGear**[™]

User's Guide

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This manual is available online at: <http://www.puritanbennett.com>

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English

Warnings



Warnings are identified by the WARNING symbol shown above and alert the user to potential serious outcomes (death, injury, or adverse events) to the patient or user.



WARNINGS:

- Do not block or modify the vent hole(s).
- To ensure sufficient air for respiration, do not wear the Breeze SleepGear until it is connected to a properly operating CPAP machine.
- At low CPAP pressures, flow through the vent hole(s) may be inadequate to clear all exhaled gas from the Breeze SleepGear. Some rebreathing and inhalation of carbon dioxide may occur.
- If you experience skin irritation, soreness or discoloration, eye discomfort, gastric problems such as distention or bloating, nasal irritation or dryness, excessive hair loss, or any discomfort from using the Breeze SleepGear, discontinue use and consult your physician.
- If oxygen is used with the Breeze SleepGear or CPAP machine, turn oxygen flow off whenever the CPAP machine is off.

Cautions



Cautions are identified by the CAUTION symbol shown above and alert the user to exercise care necessary for the safe and effective use of the *Breeze SleepGear*.



Caution: By US Federal law, this device may be sold or used only as ordered by a licensed physician.

Notes



Notes are identified by the NOTE symbol shown above and provide additional helpful information.

Overview

The Puritan-Bennett *Breeze SleepGear* (Single Patient Use) is offered in two airway assembly configurations:

- Nasal Pillows
- DreamSeal

User information for both configurations is presented in this guide.

Components

The primary components that comprise the *Breeze SleepGear* are:

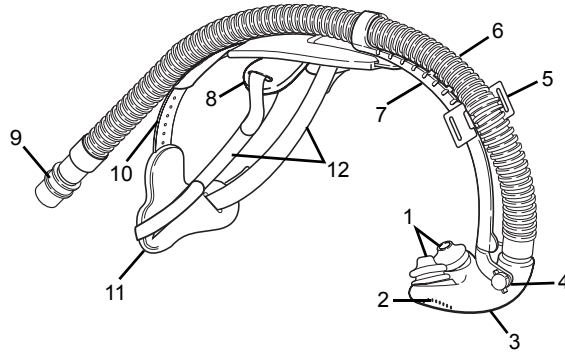
- Nasal Pillows (or DreamSeal)
- Shell
- Vent Hole Insert (DreamSeal only)
- Vent Hole(s)
- Wing Knob
- Pivot (DreamSeal only)
- Hose
- Hose Guide
- Clip (Nasal Pillows only)
- Outrigger
- Spine Adapter
- Swivel Adapter
- Cradle
- Halo Straps

Refer to the figures on the following page.

English

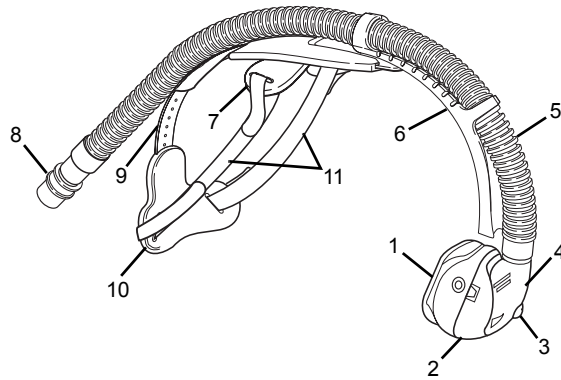
Nasal Pillows

1. Nasal Pillows
2. Vent holes
3. Shell
4. Wing knob
5. Clip
6. Hose
7. Hose guide
8. Outrigger
9. Swivel adapter
10. Spine adapter
11. Cradle
12. Halo straps



DreamSeal

1. DreamSeal
2. Shell
3. Vent hole insert
4. Pivot
5. Hose
6. Hose guide
7. Outrigger
8. Swivel adapter
9. Spine
10. Cradle
11. Halo straps



English

Indications for Use

This product is intended for use with devices that deliver continuous positive airway pressure (CPAP) and bi-level positive airway pressure in patients weighing at least 30 kg. Refer to the warnings on page ii.

Technical Data

The following table provides the technical data for both the Nasal Pillows and DreamSeal configurations.

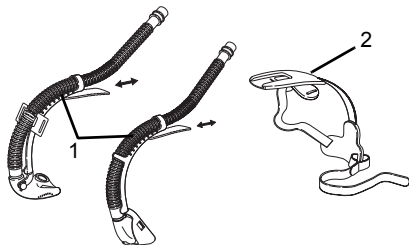
Vent Flow, Pressure Range, and Materials

Parameter	CPAP Pressure (cmH ₂ O)	Flow Rate (L/min)	
		with DreamSeal	with Nasal Pillows
Pressure Range	3 – 30	with DreamSeal	with Nasal Pillows
Vent Flow	3	13	17
	5	16	20
	8	21	25
	10	23	28
	12	25	31
	15	28	35
	18	31	39
	20	32	41
	25	34	47
Storage and Operating Conditions	—	Storage	Operating
	Temp. Range	-40°F to 158°F (-40°C to 70°C)	-41°F to 104°F (5°C to 70°C)
	Relative Humidity (noncondensing)	Up to 95%	Up to 95%
Materials	<ul style="list-style-type: none"> Nasal Pillows: medical-grade silicone DreamSeal Perimeter Seal: medical-grade silicone Halo Straps: Velstretch[®] 		

Assembly

Before using the *Breeze SleepGear* for the first time, assemble it as follows:

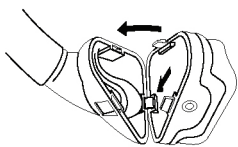
1. Insert the nasal airway assembly (item 1) into the SleepGear assembly spine adapter (item 2). The hose guide slides back and forth in the spine adapter with a ratcheting sound.



2. Nasal Pillows airway configuration: While pinching the Nasal Pillows between the thumb and forefinger, insert the Nasal Pillows into the shell holes with a gentle rotating motion.

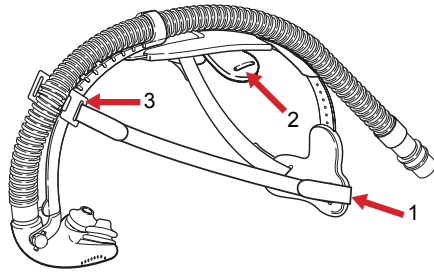


3. DreamSeal airway configuration: Perform the following steps and refer to the figure on the next page.
 - Attach the DreamSeal to the shell by inserting the lip on the bottom of the DreamSeal into the notch on the bottom of the shell.
 - Place your thumb and forefinger on the two raised circles on the DreamSeal.
 - Rotate the DreamSeal toward the shell and squeeze gently to engage the two side latches.



English

4. *Optional:* Thread the halo straps through the slots in the cradle (see figure below, item 1). Then thread the halo straps through the outrigger (item 2) or through the optional clip accessory (item 3 – Nasal Pillows only). Engage the Velcro® fasteners on the straps.



Nasal Pillows - Side View



- Note:** You may wish to try fitting the *Breeze SleepGear* without the halo straps first, then add the straps if a better fit is required. Refer to the Adjustment section on the following page.

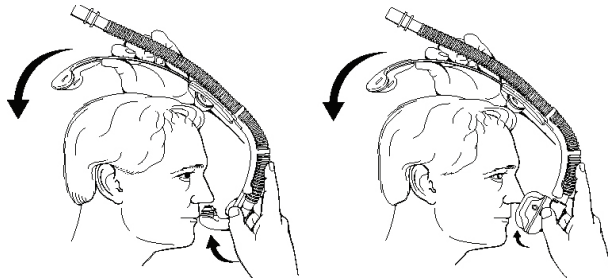
Use

Inspection

Inspect the *Breeze SleepGear* and its components before each use to ensure all parts are firmly connected and no visible leaks exist.

Fitting

1. Insert the Nasal Pillows into your nostrils or place the DreamSeal over your nose.



English

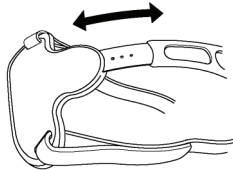


Caution: Avoid excessive bending of the nasal airway assembly when putting on the *Breeze SleepGear*.

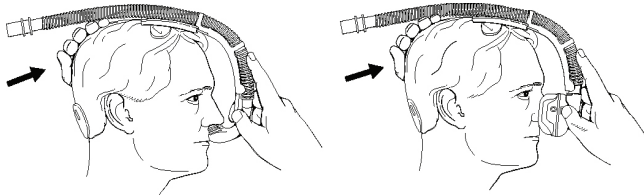
2. Place the cradle (back pad) below the curve at the back of your head.

Adjustment

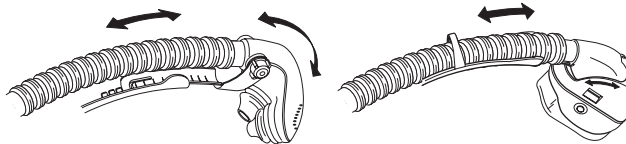
1. Adjust the position of the cradle on the spine so that the cradle sits comfortably at the base of your head.



2. Place your hand on the spine and hold it firmly to the back of your head. Adjust the length of the *Breeze SleepGear* with your free hand by moving the nasal airway assembly toward your face. Refer to the following figure.



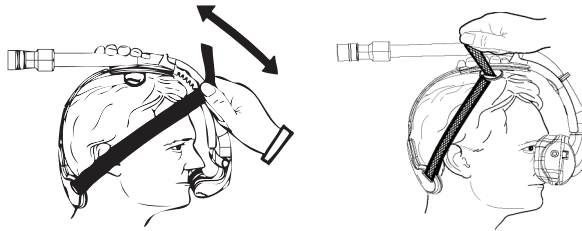
3. Adjust the height and angle of the shell so that the Nasal Pillows or DreamSeal device is comfortable and there are no audible leaks.



4. *Optional:* Use the halo straps, if needed, to add stability and enhance the fit of the *Breeze SleepGear*.

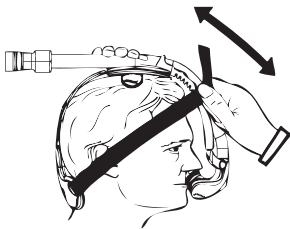
English

- Adjust the tension of the halo straps for a comfortable fit. Do not overtighten the straps.

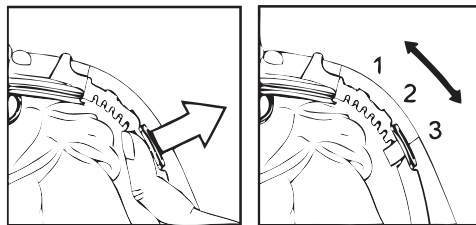


- If using the optional clip accessory, adjust by first lifting the clip; then, slide the clip to one of the three available positions along the hose guide that provides the most comfortable fit.

Using Halo Straps With Clip



Closeup of Clip Adjustment



5. Pressurize the interface with your positive airway pressure device and readjust as required to eliminate leaks.

**Notes:**

- The amount of force on your nose should be just enough to prevent air leaks.
- You may need to readjust the fit of *Breeze SleepGear* when you lie down.
- The use of humidification may improve comfort during use.

English

Cleaning

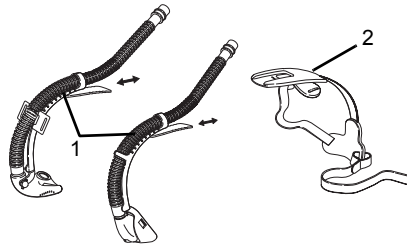


Note: To prolong the life of the product, it is recommended that the *Breeze SleepGear* be cleaned thoroughly at least once per week.

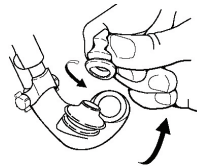


Caution: Hand clean only. To avoid damage to the *Breeze SleepGear*, never use a dishwasher or other mechanical device to clean the *Breeze SleepGear* or any of its components.

1. Disconnect the back half of the nasal airway assembly (item 1) where the hose guide attaches to the spine adapter (item 2).



2. Remove the Nasal Pillows or the DreamSeal from the shell.
To remove the Nasal Pillows, pinch the Nasal Pillows between your thumb and forefinger; then, pull the Nasal Pillows out of the shell holes with a gentle rotating motion.

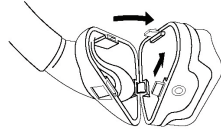


To remove the DreamSeal from the shell, do the following and refer to the next figure.

- Place your thumb and forefinger on the two raised circles on the DreamSeal.

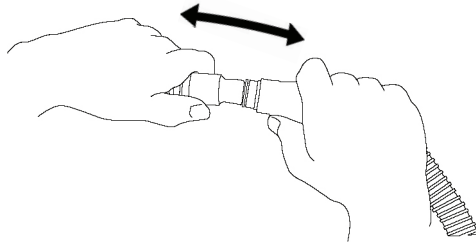
English

- Squeeze gently to disengage the two side latches.
- Rotate the DreamSeal away from the shell.
- Disengage the lip on the bottom of the DreamSeal from the notch on the bottom of the shell.

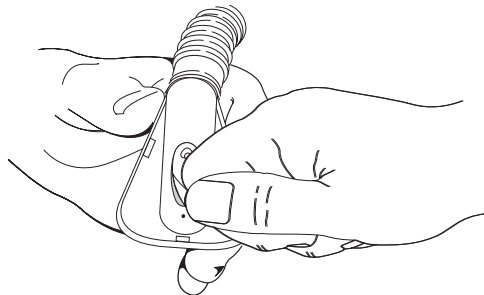


Caution: To avoid damaging the hoses when connecting or disconnecting them, use the methods described in the following instructions. Never pull on or twist the ribbed portions of hoses. Refer to the figure below.

3. Disconnect the hose at the swivel adapter:
 - Grasp each hose at its rubber cuff.
 - Gently pull hoses apart.



4. Remove the vent hole insert from the DreamSeal shell. Slide your fingernail under the end of the insert with the raised indicator dot(s) and pull the insert up and out.



English

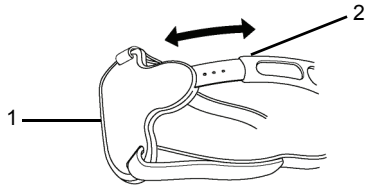


Caution: Do not immerse components with foam pads attached. Do not sterilize. Do not use bleach-, chlorine-, or aromatic-based solutions, scented oils, or moisturizing, antibacterial, deodorizing, or fragranced soaps to clean the nasal pillows, mask, headgear, padding, or air tubing. Use of such substances may cause hardening of your *Breeze SleepGear*, thereby reducing the life of the product.



Caution: Do not expose the mask or tubing to direct sunlight. Exposure to direct sunlight may cause deterioration of the product.

5. Wash the nasal airway assembly parts in warm, soapy water as necessary to remove dirt, body oils, cosmetics, etc. Rinse them thoroughly in clean running water and air dry on a clean, absorbent surface. Foam pads may be wiped with a mild soap applied to a moist cloth.
6. To install the vent hole insert, align the indicator dot on the insert with the dot on the shell. Press the vent hole insert into the opening in the shell. Make sure the inner lip on the vent hole insert is fully inserted into the shell.
7. If you are using the halo straps, release the ends and pull the straps through the outrigger and cradle slots. The cradle may be separated from the spine adapter for cleaning.
8. Extend the cradle (item 1) to its maximum adjustment and then pull on the cradle more forcefully to separate it from the spine adapter (item 2).



PURITAN BENNETT

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