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AFFIDAVIT OF CHRISTOPHER BUTLER

1. I am the Office Manager at the Internet Archive, located in San Francisco, California. I make this declaration of my own personal knowledge.

2. The Internet Archive is a website that provides access to a digital library of Internet sites and other cultural artifacts in digital form. Like a paper library, we provide free access to researchers, historians, scholars, and the general public. The Internet Archive has partnered with and receives support from various institutions, including the Library of Congress.

3. The Internet Archive has created a service known as the Wayback Machine. The Wayback Machine makes it possible to surf more than 450 billion pages stored in the Internet Archive's web archive. Visitors to the Wayback Machine can search archives by URL (i.e., a website address). If archived records for a URL are available, the visitor will be presented with a list of available dates. The visitor may select one of those dates, and then begin surfing on an archived version of the Web. The links on the archived files, when served by the Wayback Machine, point to other archived files (whether HTML pages or images). If a visitor clicks on a link on an archived page, the Wayback Machine will serve the archived file with the closest available date to the page upon which the link appeared and was clicked.

4. The archived data made viewable and browseable by the Wayback Machine is compiled using software programs known as crawlers, which surf the Web and automatically store copies of web files, preserving these files as they exist at the point of time of capture.

5. The Internet Archive assigns a URL on its site to the archived files in the format [http://web.archive.org/web/\[Year in yyyy\]\[Month in mm\]\[Day in dd\]\[Time code in hh:mm:ss\]/\[Archived URL\]](http://web.archive.org/web/[Year in yyyy][Month in mm][Day in dd][Time code in hh:mm:ss]/[Archived URL]). Thus, the Internet Archive URL <http://web.archive.org/web/19970126045828/http://www.archive.org/> would be the URL for the record of the Internet Archive home page HTML file (<http://www.archive.org/>) archived on January 26, 1997 at 4:58 a.m. and 28 seconds (1997/01/26 at 04:58:28). A web browser may be set such that a printout from it will display the URL of a web page in the printout's footer. The date assigned by the Internet Archive applies to the HTML file but not to image files linked therein. Thus images that appear on a page may not have been archived on the same date as the HTML file. Likewise, if a website is designed with "frames," the date assigned by the Internet Archive applies to the frameset as a whole, and not the individual pages within each frame.

6. Attached hereto as Exhibit A are true and accurate copies of printouts of the Internet Archive's records of the HTML files or PDF files for the URLs and the dates specified in the footer of the printout (HTML) or attached coversheet (PDF).

7. I declare under penalty of perjury that the foregoing is true and correct.

DATE: 9/6/16

Christopher Butler

CALIFORNIA JURAT

See Attached Document.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Francisco

Subscribed and sworn to (or affirmed) before me on this

6 day of SEPTEMBER, 2016, by

Christopher Butler,

proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature:

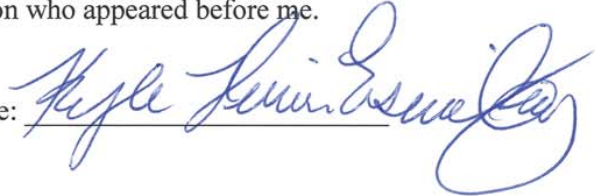


Exhibit A

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OSA

Interfaces

- FlexiFit™ 405
- FlexiFit™ 406
- FlexiFit™ 407
- FlexiFit™ 431**
- Infinity™ 481
- Oracle™ 452

- CPAP
- Humidifiers

FlexiFit™ 431

FULL FACE MASK





Vigor8™

Register and become a member of our Vigor8™ Lifestyle Program.



FlexiFit™ 431 User Instructions

- Multi-language

FlexiFit™ 431 Product Brochure



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Interface Performance Feature		Full Face Delivery
		FlexiFit™ 431
Fit-and-Forget		•
Out-of-Box Solution		•
<u>FlexiFit™ Technology</u>	Foam Cushion	•
Auto-contouring Fit	Air Cushion	•
<u>Glider™ Strap</u>		•
<u>Premium Frosted Silicone Seal</u>		•
<u>Efficient Bias Diffuser</u>	Material Filter	•
	Maintenance Free	•
<u>Under-Chin Design</u>		•
<u>Crown Strap</u>		•
<u>Easy-Release Strap</u>		•

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<https://web.archive.org/web/20061016050014/http://www.fphcare.com/osa/pdf/HC431/431%20English.pdf>

FlexiFit™ 431

FULL FACE MASK



Specification Sheet

A Full Face Delivery Mask



Incorporating the FlexiFit™ Technology with auto-contouring properties, the FlexiFit™ 431 Full Face Mask comes with an Under-Chin fit and highly contoured Silicone Seal for maximum comfort and stability.

SleepStyle
SLEEP PERFORMANCE FOR
AN ENERGIZED LIFESTYLE

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HEALTHCARE

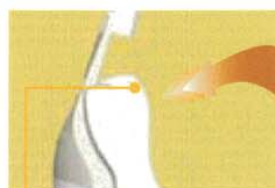
Full Face Delivery - *FlexiFit™ 431*



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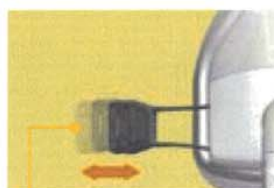
The FlexiFit™ 431 Full Face Mask offers a comfortable alternative to nasal or oral delivery and comes as an Out-of-Box Solution fully assembled and ready for use.

UNIQUE MASK FEATURES FOR GREATER FREEDOM, COMFORT AND COMPLIANCE



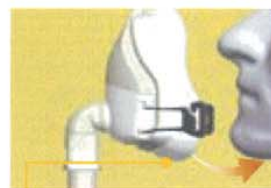
FlexiFit™ Technology Auto-contouring fit

With Air Cushion
FlexiFit™ Technology automatically adjusts to a wide range of nasal and facial contours with simple one-step ease of fitting and no complicated adjustments.



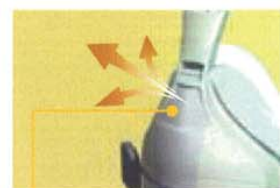
Glider™ Strap Anti-leak system

The sliding Glider™ Strap provides freedom of movement while maintaining a seal. Mask force remains equal when the head rotates from side to side, minimizing the occurrence of leaks.



Under-Chin Design Extra stability

An Under-Chin fit provides stability by providing a constant point of reference and maintains the seal even with movement of the jaw during the night.



Efficient Bias Diffuser Quiet usage

Maintenance Free
This advanced air diffuser system prevents air from blowing onto the sleeping partner and decreases noise that could potentially disrupt sleep.



Premium Frosted Silicone Seal Optimizing seal technology

This seal technology has a soft, smooth feel to slide onto the face, and its frosted texture optimizes the mask seal.



Crown Strap Extra stability

Complements the Under-Chin Design to maximize stability and eliminate the need for a chin strap.



Easy-Release Strap One-step removal

Simply pull the Easy-Release Cord for one-step removal of headgear. No ongoing headgear adjustments required.

CONTENTS

- Complete mask with headgear assembled and ready for use
- Alternate size Silicone Seals included (S,M,L)
- User friendly Fitting Guide

REORDER CODE: HC431

FOR MORE INFORMATION, PLEASE CONTACT YOUR LOCAL FISHER AND PAYKEL HEALTHCARE REPRESENTATIVE:

International P O Box 14 348, Panmure, Auckland 1134, New Zealand Tel: +64 9 574 0100 Fax: +64 9 574 0158 Email: info@fphcare.com Web: www.fphcare.com

USA Tel: 1800 446 3908 +1 949 470 3900 Fax: +1 949 470 3933 **Australia** Tel: +61 3 9879 5022 Fax: +61 3 9879 5232 **Austria** Tel: 0800 29 31 23 Fax: 0800 29 31 22 **Benelux** Tel: +31 78 644 0924 Fax: +31 78 644 0914 **China** Tel: +86 20 8363 4286 Fax: +86 20 8363 3595 **France** Tel: +33 1 6446 5201 Fax: +33 1 6446 5221 **Germany** Tel: +49 7182 93777 0 Fax: +49 7182 93777 99 **India** Tel: +91 80 5123 6041 Fax: +91 80 5123 6044 **Irish Republic** Tel: 1800 409 011 **Italy** Tel: +39 06 7839 2939 Fax: +39 06 7814 7709 **Japan** Tel: +81 3 3661 7205 Fax: +81 3 3661 7206 **Spain** Tel: +34 902 013 346 Fax: +34 902 013 379 **Switzerland** Tel: 0800 83 47 63 Fax: 0800 83 47 54 **UK (EU Authorised Representative)** Tel: +44 1628 626 136 Fax: +44 1628 626 146 **Nthn Ireland** Tel: 0800 132 189

<https://web.archive.org/web/20061016050114/http://www.fphcare.com/osa/pdf/HC431/185043239.pdf>



HC 431
FULL FACE MASK

INSTRUCTIONS For Use

185 043 239 Rev E

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HEALTHCARE

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INTERNATIONAL	PO Box 14 348, Parnam, Auckland 1134, New Zealand Tel: +64 9 574 0200 Fax: +64 9 574 0200 Email: info@fisherpaykel.com Website: www.fisherpaykel.com
USA	Tel: 800 446 3909 or +1 949 470 3909 Fax: +1 949 470 3903
AUSTRALIA	Tel: +61 2 9879 5022 Fax: +61 2 9879 5023
AUSTRIA	Tel: 0800 29 31 33 Fax: 0800 29 31 22
BENELUX	Tel: +31 76 644 0004 Fax: +31 76 644 0004
CHINA	Tel: +86 (20) 8363 4286 Fax: +86 (20) 8363 3995
FRANCE	Tel: +33 (0)1 64 46 52 01 Fax: +33 (0)1 64 46 52 01
GERMANY	Tel: +49 7140 93777 9 Fax: +49 7140 93777 99
INDIA	Tel: +91 80 5123 6041 Fax: +91 80 5123 6044
IRISH REPUBLIC	Tel: +353 409 011
ITALY	Tel: +39 06 7632 3939 Fax: +39 06 7632 7709
JAPAN	Tel: +81 (3) 3663 7205 Fax: +81 (3) 3663 7206
SPAIN	Tel: +34 902 013 346 Fax: +34 902 013 379
SWITZERLAND	Tel: 0800 83 47 63 Fax: 0800 83 47 54
UK (in accordance with CE marking)	Tel: +44 (0)20 626 136 Fax: +44 (0)20 626 145
IRELAND	Tel: +353 01 232 189

Fisher & Paykel
HEALTHCARE

FlexiFit™ Series - HC431 Full Face Mask Instructions

The FlexiFit™ HC431 Full Face Mask is intended for multiple patient or single patient adult use by individuals who have been diagnosed by a physician as requiring CPAP or Bi-level ventilator treatment.

FITTING YOUR MASK

Refer to the mask assembly diagram.

- Remove plastic cover from Silicon Seal.
- Unclip the Headgear (A) from the Glider™ strap (B) by pulling the Release Cord (C) down. Holding your Mask Base (A) in one hand, spread the Headgear with your thumb and index finger to comfortably cover your face.
- Lightly hold the mask against your face, with the bottom of the seal under your chin, and spread the Headgear over your head with your free hand.
- Attach the Headgear (A) to the Glider™ strap.
- Gently adjust the Top horizontal strap, then the Lower horizontal straps, then the Top Crown straps. Ensure the top of the seal remains stable on the bridge of the nose, and the bottom of the seal remains best under the chin. Ensure that the Glider™ strap is centered.
- Connect the CPAP machine hose running at the prescribed pressure to the mask.
- If necessary pull the mask gently away from your face while the top is still attached. This allows the silicon seal to inflate. Put the mask back on your face.
- If mask occurs around the upper half of the mask gently tighten the top horizontal straps. It is not necessary for the Forehead Cushion to touch your forehead if it does not.
- If mask occurs around the lower half of the mask gently tighten the lower horizontal straps. (Avoid over tightening the straps).
- If leaks persist, change to the alternate size Silicone Seal, which is found in your FlexiFit™ HC431 Mask box.
- When you need to remove your mask undepress the Headgear from the Glider™ strap by pulling the Release Cord forward or down.

CLEANING YOUR MASK

To ensure continuing safety and comfort for your FlexiFit™ HC431 Mask:

Before each use:

- Inspect the mask for deterioration. Do not use if aged or damaged.
- Inspect the Non-Refilling Valve (J). Ensure the silicone flaps occlude the pipe when the CPAP is off.

After each use:

- Disassemble the Silicone Seal (C), Elbow (B), Non-Refilling Valve (J), and the Headgear (A) from the Mask Base (A).
- Wash the Silicone Seal, Elbow, Non-Refilling Valve and Mask Base in warm soapy water then rinse in fresh water.
- Leave all parts to dry, away from direct sun light before reassembling.

Every 7 days:

- Hand wash the Headgear in lukewarm water using a mild detergent. Allow to air dry out of direct sun light. It is not necessary to remove the CPAP from the headgear when washing.

Do not clean the mask in the dishwasher.
Do not clean the mask with alcohol, chlorine or bleach.
Do not use the mask in direct sunlight.
The above actions may deteriorate or damage the mask and shorten its life. If your FlexiFit™ HC431 weakens or cracks, seek replacement immediately.

ASSEMBLING YOUR MASK

Your FlexiFit™ HC431 Mask is fully assembled and ready to use. However, when you need to clean your mask follow these instructions for reassembly.

- Place Silicone Seal (C) into Mask Base (A).
- Push the Non-Refilling Valve (J) onto the Elbow (B), and attach to Mask Base.
- Attach the Headgear (A) with the later side down. Position the assembled mask over the Headgear and attach the four straps in to the corresponding slots in the Mask Base and the Glider™ strap (B). This can be done without undressing the Patient by sliding the Headgear into the slots.

The FlexiFit™ HC431 and accessories are **Latex Free**. Many people find CPAP therapy causes dizziness or the nose and throat. Heated humidification can substantially reduce these symptoms. Contact your supplier and ask about Ambient Tricking Plus™.

OXYGEN / PRESSURE PORT CONNECTOR

If pressure readings and/or additional oxygen are required, an Oxygen/Pressure Port Connector is available. (Code 9004-5C2).

- Connect the large end of the Connector (T) to the Non-Refilling Valve (J) on the mask and the small end of the Connector to the Breathing Tube (P).
- Open the Port Cap (S) and place the Pressure and/or Oxygen Pressure (S) firmly over the Port(s) (Q).

The two Ports are identical; either Port may be used for oxygen or pressure measurement.

Only remove the Port Cap from Ports that are being used.

Note: At a low flow rate of supplemental oxygen flow, the inhaled oxygen concentration will vary, depending on the pressure settings, patient breathing pattern, mask selection, and the leak rate. Warning: If oxygen is used with the CPAP machine, the oxygen flow must be turned off when the CPAP machine is not operating.

Explanation of Warning: When the CPAP device is not in operation, and the oxygen flow is left on, oxygen delivered into the ventilator tubing may accumulate within the CPAP machine enclosure. Oxygen accumulated in the CPAP machine enclosure will create a risk of fire.

Warning: Do not smoke while using or in the vicinity of someone using oxygen with this mask.

WARNINGS

This CPAP mask should be used only with CPAP systems recommended by your physician or respiratory therapist. A mask should not be used unless the CPAP system is turned on and operating properly. The vent slots associated with the mask should never be blocked. Explanation of Warning: CPAP systems are intended to be used with special masks with connectors which have vents holes to allow continuous flow of air out of the mask. When the CPAP machine is turned on and functioning properly, air will flow from the CPAP machine through the exhaust air duct through the attached mask exhaust port. However, when the CPAP machine is not operating, enough fresh air will enter the provided through the mask, and exhaled air may be re-inhaled. Re-inhalation of exhaled air for longer than several minutes can in some circumstances lead to asphyxiation.

At low CPAP pressures the flow through the exhalation port may be inadequate to clear all exhaled gas from the tubing. Some re-breathing may occur.

Operating pressure range is 5-20 cm H₂O.

Do not use the mask without the Non-Refilling Valve in place. This valve ensures CO₂ re-breathing is kept to a minimum in the event of power failure.

Do not use the mask if venting or feeling discomfort or any other side effects.

Discontinue using the mask if there is an allergic reaction to any part of the mask. Consult your physician if this occurs.

Following the FlexiFit™ HC431 between different patients, refer to the Mask Patient Cleaning Instructions for the FlexiFit™ HC431 mask.

Replace the Non-Refilling Valve every 12 months.

Do not use the FlexiFit™ HC431 show on other Patient & Patient Masks.

Use the FlexiFit™ HC431 mask only with the headgear provided.

CAUTION:

Use the mask for its intended use only as directed in this booklet.

US Federal Law restricts this device to sale by or on order of a physician.

Operating temperature range is 40-140° F (5-50° C).

CONTRAINDICATIONS

This mask should also not be used by anyone incapable of removing the mask unaided, in the case of vomiting and aspiration, without conscious supervision.

US Patent Number 6,655,934
Other Patents Pending

BIAS FLOW INFORMATION

The FlexiFit™ HC431 has a unique bias diffuser system which vents the expelled CO₂ through two fine vents above and below the elbow.

It is important that these vents are not blocked by any object. This controlled leak ensures all exhaled CO₂ is expelled from the mask.

Pressure (cm H₂O) 3 5 7 9 11 13 15 17 19 21 23 25
Bias Flow LPM 23 27 32 37 41 44 48 50 54 57 60 63

RESISTANCE TO FLOW

Pressure drop through mask @ 50 l/min 0.25 cm H₂O
Pressure drop through mask @ 100 l/min 0.48 cm H₂O

Pressure drop through mask @ 150 l/min 0.75 cm H₂O

Pressure drop through mask @ 200 l/min 1.00 cm H₂O

Pressure drop through mask @ 250 l/min 1.25 cm H₂O

Pressure drop through mask @ 300 l/min 1.50 cm H₂O

Pressure drop through mask @ 350 l/min 1.75 cm H₂O

Pressure drop through mask @ 400 l/min 2.00 cm H₂O

Pressure drop through mask @ 450 l/min 2.25 cm H₂O

Pressure drop through mask @ 500 l/min 2.50 cm H₂O

Pressure drop through mask @ 550 l/min 2.75 cm H₂O

Pressure drop through mask @ 600 l/min 3.00 cm H₂O

Pressure drop through mask @ 650 l/min 3.25 cm H₂O

Pressure drop through mask @ 700 l/min 3.50 cm H₂O

Pressure drop through mask @ 750 l/min 3.75 cm H₂O

Pressure drop through mask @ 800 l/min 4.00 cm H₂O

Pressure drop through mask @ 850 l/min 4.25 cm H₂O

Pressure drop through mask @ 900 l/min 4.50 cm H₂O

Pressure drop through mask @ 950 l/min 4.75 cm H₂O

Pressure drop through mask @ 1000 l/min 5.00 cm H₂O

Pressure drop through mask @ 1050 l/min 5.25 cm H₂O

Pressure drop through mask @ 1100 l/min 5.50 cm H₂O

Pressure drop through mask @ 1150 l/min 5.75 cm H₂O

Pressure drop through mask @ 1200 l/min 6.00 cm H₂O

Pressure drop through mask @ 1250 l/min 6.25 cm H₂O

Pressure drop through mask @ 1300 l/min 6.50 cm H₂O

Pressure drop through mask @ 1350 l/min 6.75 cm H₂O

Pressure drop through mask @ 1400 l/min 7.00 cm H₂O

Pressure drop through mask @ 1450 l/min 7.25 cm H₂O

Pressure drop through mask @ 1500 l/min 7.50 cm H₂O

Pressure drop through mask @ 1550 l/min 7.75 cm H₂O

Pressure drop through mask @ 1600 l/min 8.00 cm H₂O

Pressure drop through mask @ 1650 l/min 8.25 cm H₂O

Pressure drop through mask @ 1700 l/min 8.50 cm H₂O

Pressure drop through mask @ 1750 l/min 8.75 cm H₂O

Pressure drop through mask @ 1800 l/min 9.00 cm H₂O

Pressure drop through mask @ 1850 l/min 9.25 cm H₂O

Pressure drop through mask @ 1900 l/min 9.50 cm H₂O

Pressure drop through mask @ 1950 l/min 9.75 cm H₂O

Pressure drop through mask @ 2000 l/min 10.00 cm H₂O

Pressure drop through mask @ 2050 l/min 10.25 cm H₂O

Pressure drop through mask @ 2100 l/min 10.50 cm H₂O

Pressure drop through mask @ 2150 l/min 10.75 cm H₂O

Pressure drop through mask @ 2200 l/min 11.00 cm H₂O

Pressure drop through mask @ 2250 l/min 11.25 cm H₂O

Pressure drop through mask @ 2300 l/min 11.50 cm H₂O

Pressure drop through mask @ 2350 l/min 11.75 cm H₂O

Pressure drop through mask @ 2400 l/min 12.00 cm H₂O

Pressure drop through mask @ 2450 l/min 12.25 cm H₂O

Pressure drop through mask @ 2500 l/min 12.50 cm H₂O

Pressure drop through mask @ 2550 l/min 12.75 cm H₂O

Pressure drop through mask @ 2600 l/min 13.00 cm H₂O

Pressure drop through mask @ 2650 l/min 13.25 cm H₂O

Pressure drop through mask @ 2700 l/min 13.50 cm H₂O

Pressure drop through mask @ 2750 l/min 13.75 cm H₂O

Pressure drop through mask @ 2800 l/min 14.00 cm H₂O

Pressure drop through mask @ 2850 l/min 14.25 cm H₂O

Pressure drop through mask @ 2900 l/min 14.50 cm H₂O

Pressure drop through mask @ 2950 l/min 14.75 cm H₂O

Pressure drop through mask @ 3000 l/min 15.00 cm H₂O

Pressure drop through mask @ 3050 l/min 15.25 cm H₂O

Pressure drop through mask @ 3100 l/min 15.50 cm H₂O

Pressure drop through mask @ 3150 l/min 15.75 cm H₂O

Pressure drop through mask @ 3200 l/min 16.00 cm H₂O

Pressure drop through mask @ 3250 l/min 16.25 cm H₂O

Pressure drop through mask @ 3300 l/min 16.50 cm H₂O

Pressure drop through mask @ 3350 l/min 16.75 cm H₂O

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Pressure drop through mask @ 3650 l/min 18.25 cm H₂O

Pressure drop through mask @ 3700 l/min 18.50 cm H₂O

Pressure drop through mask @ 3750 l/min 18.75 cm H₂O

Pressure drop through mask @ 3800 l/min 19.00 cm H₂O

Pressure drop through mask @ 3850 l/min 19.25 cm H₂O

Pressure drop through mask @ 3900 l/min 19.50 cm H₂O

Pressure drop through mask @ 3950 l/min 19.75 cm H₂O

Pressure drop through mask @ 4000 l/min 20.00 cm H₂O

Pressure drop through mask @ 4050 l/min 20.25 cm H₂O

Pressure drop through mask @ 4100 l/min 20.50 cm H₂O

Pressure drop through mask @ 4150 l/min 20.75 cm H₂O

Pressure drop through mask @ 4200 l/min 21.00 cm H₂O

Pressure drop through mask @ 4250 l/min 21.25 cm H₂O

Pressure drop through mask @ 4300 l/min 21.50 cm H₂O

Pressure drop through mask @ 4350 l/min 21.75 cm H₂O

Pressure drop through mask @ 4400 l/min 22.00 cm H₂O

Pressure drop through mask @ 4450 l/min 22.25 cm H₂O

Pressure drop through mask @ 4500 l/min 22.50 cm H₂O

Pressure drop through mask @ 4550 l/min 22.75 cm H₂O

Pressure drop through mask @ 4600 l/min 23.00 cm H₂O

Pressure drop through mask @ 4650 l/min 23.25 cm H₂O

Pressure drop through mask @ 4700 l/min 23.50 cm H₂O

Pressure drop through mask @ 4750 l/min 23.75 cm H₂O

Pressure drop through mask @ 4800 l/min 24.00 cm H₂O

Pressure drop through mask @ 4850 l/min 24.25 cm H₂O

Pressure drop through mask @ 4900 l/min 24.50 cm H₂O

Pressure drop through mask @ 4950 l/min 24.75 cm H₂O

Pressure drop through mask @ 5000 l/min 25.00 cm H₂O

Pressure drop through mask @ 5050 l/min 25.25 cm H₂O

Pressure drop through mask @ 5100 l/min 25.50 cm H₂O

Pressure drop through mask @ 5150 l/min 25.75 cm H₂O

Pressure drop through mask @ 5200 l/min 26.00 cm H₂O

Pressure drop through mask @ 5250 l/min 26.25 cm H₂O

Pressure drop through mask @ 5300 l/min 26.50 cm H₂O

Pressure drop through mask @ 5350 l/min 26.75 cm H₂O

Pressure drop through mask @ 5400 l/min 27.00 cm H₂O

Pressure drop through mask @ 5450 l/min 27.25 cm H₂O

Pressure drop through mask @ 5500 l/min 27.50 cm H₂O

Pressure drop through mask @ 5550 l/min 27.75 cm H₂O

Pressure drop through mask @ 5600 l/min 28.00 cm H₂O

Pressure drop through mask @ 5650 l/min 28.25 cm H₂O

Pressure drop through mask @ 5700 l/min 28.50 cm H₂O

Pressure drop through mask @ 5750 l/min 28.75 cm H₂O

Pressure drop through mask @ 5800 l/min 29.00 cm H₂O

Pressure drop through mask @ 5850 l/min 29.25 cm H₂O

Pressure drop through mask @ 5900 l/min 29.50 cm H₂O

Pressure drop through mask @ 5950 l/min 29.75 cm H₂O

Pressure drop through mask @ 6000 l/min 30.00 cm H₂O

Pressure drop through mask @ 6050 l/min 30.25 cm H₂O

Pressure drop through mask @ 6100 l/min 30.50 cm H₂O

Pressure drop through mask @ 6150 l/min 30.75 cm H₂O

Pressure drop through mask @ 6200 l/min 31.00 cm H₂O

Pressure drop through mask @ 6250 l/min 31.25 cm H₂O

Pressure drop through mask @ 6300 l/min 31.50 cm H₂O

Pressure drop through mask @ 6350 l/min 31.75 cm H₂O

Pressure drop through mask @ 6400 l/min 32.00 cm H₂O

Pressure drop through mask @ 6450 l/min 32.25 cm H₂O

Pressure drop through mask @ 6500 l/min 32.50 cm H₂O

Pressure drop through mask @ 6550 l/min 32.75 cm H₂O

Pressure drop through mask @ 6600 l/min 33.00 cm H₂O

Pressure drop through mask @ 6650 l/min

<https://web.archive.org/web/20061016041625/http://www.fphcare.com/osa/pdf/interface/185043711.pdf>

InterfaceSolutions

Product Profile

Overview: The Family of Interface Solutions

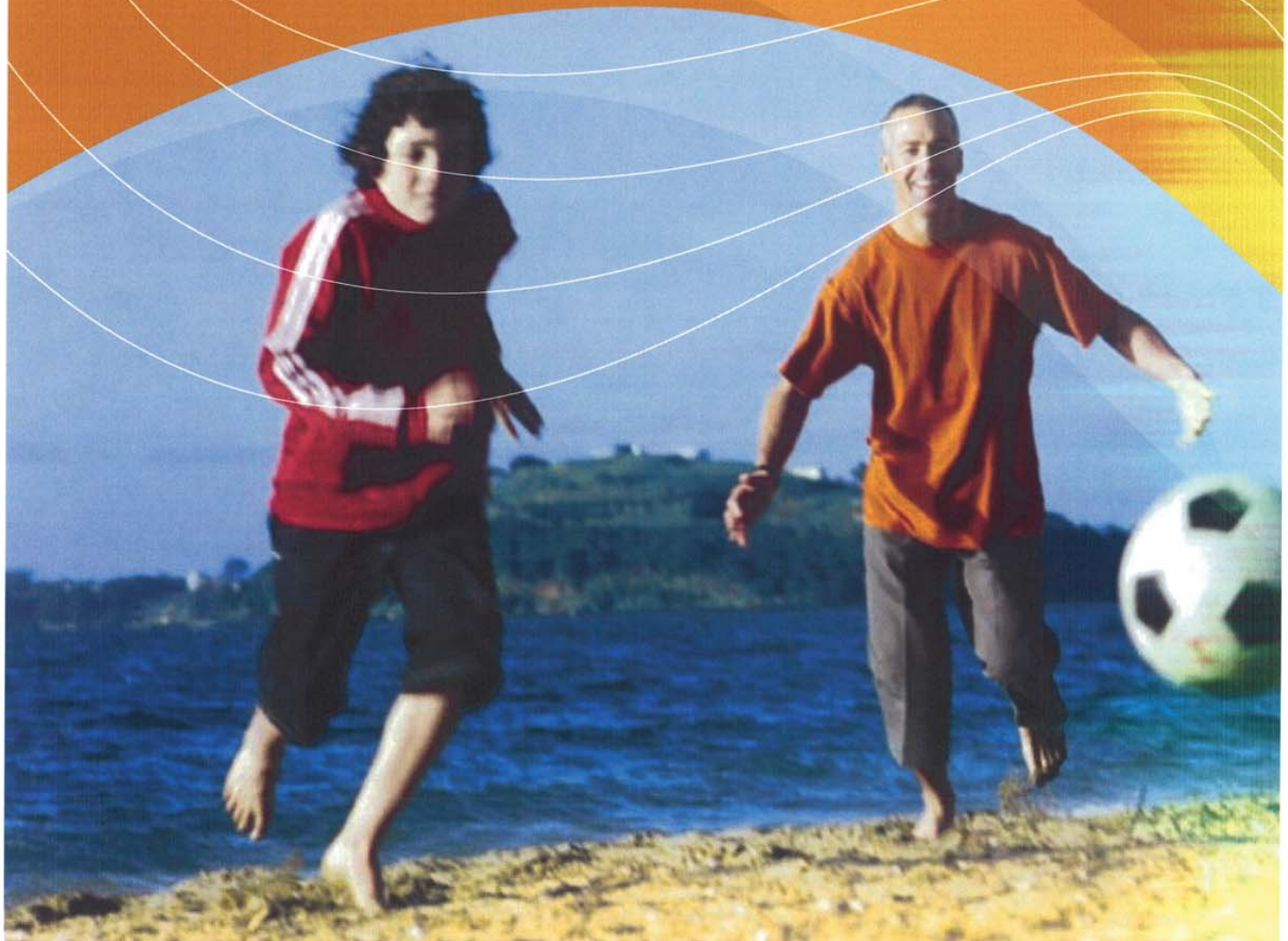


SleepStyle™
SLEEP PERFORMANCE FOR
AN ENERGIZED LIFESTYLE

Fisher & Paykel
HEALTHCARE

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Our quality of life blossoms when we are well. Sleep, though seemingly unimportant, is essential for human beings to live life in an optimal state of health. Sleep is actually highly productive. Our optimal performance while asleep is vital to ensure recovery and rejuvenation. Sleep replenishes us, energizes us and gives us the freedom to enjoy our lifestyle.

Sleep Performance for an Energized Lifestyle

At Fisher & Paykel Healthcare, we believe everyone should enjoy a good night's sleep. We've based our business on this belief. To those who suffer from Obstructive Sleep Apnea (OSA) and those who provide treatment for them, we bring **SleepStyle™** – an innovative family of Continuous Positive Airway Pressure (CPAP) and interface solutions.

Our business, like yours, is all about results.

- **Commercial results** – maximized through product research, design and manufacture
- **Clinical results** – improved through leading-edge technologies
- **Patient-care results** – achieved through easy, versatile and comfortable solutions

These are the results of our dedication to helping you provide 24-hour wellness for your patients. Our **SleepStyle™** interface technologies deliver the best in sleep performance for an energized lifestyle.



A Holistic Approach to Sleep Therapy from the Pioneers of Humidification Technology



Fisher & Paykel Healthcare is a leading designer and manufacturer of an impressive range of innovative healthcare devices. Fisher & Paykel Healthcare products are used in more than 90 countries worldwide.

Fisher & Paykel Healthcare entered the respiratory care market in 1971 with the development of a unique respiratory humidifier system for use in critical care and have since built on a reputation as a leader in humidification technologies. Fisher & Paykel Healthcare now offers a broad range of products for use in Intensive Care Respiratory Medicine, Neonatal Care, Hospital Operating Rooms and in the treatment of OSA.

Our solutions for the treatment of OSA include a comprehensive range of CPAP units and humidification technologies in addition to interfaces (masks). Leading-edge technologies combine with rigorous R&D to provide a line-up of high-performance products for sleeping well and living well.

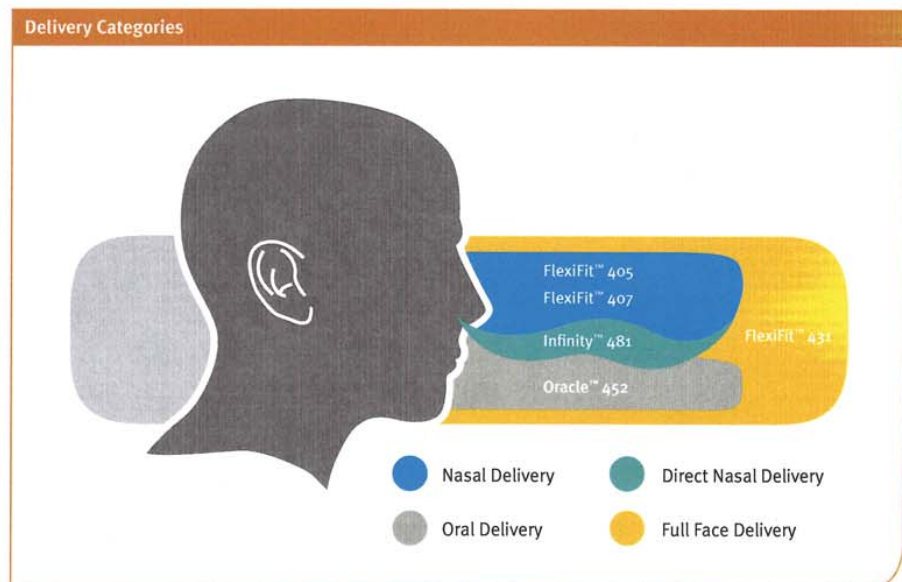


When it Comes to a Broad Family of Interface Choices, We've Got You Covered

Only Fisher & Paykel Healthcare offers an interface in all delivery categories.

In the delivery of CPAP treatment, a patient will have preferences in an interface type that may be the product of many influences.

For example, they may be sensitive to enclosed spaces or they may prefer to breathe through their mouth. For this reason Fisher & Paykel Healthcare offers a broad family of interface choices, categorized by the way OSA treatment is delivered to the patient.



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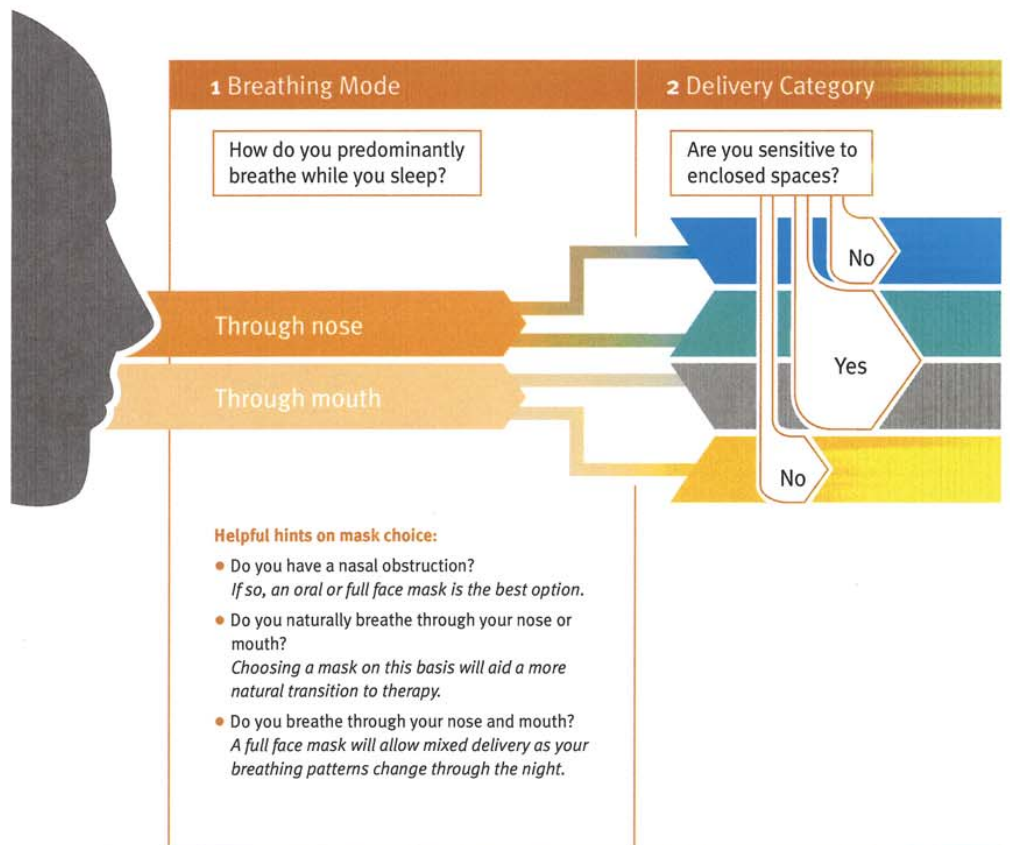
Choosing the Right Fisher & Paykel Healthcare Interface



There are four different delivery categories which should be considered when choosing an interface. The first thing to establish is the way the person naturally breathes while they sleep.

Some people may experience chronic nasal obstruction and prefer to breathe through the mouth only, others through the nose only and some may breathe partly or intermittently through both. Choosing a mask by delivery category is likely to provide for a more natural transition to therapy and therefore lead to greater acceptance and compliance.

Our range of interfaces and their inherent technologies give you greater flexibility. We designed them that way to meet the needs of every sleeper. Use the chart below as a guide to choosing the right mask.



FlexiFit™ 405



FlexiFit™ 407



HIGH PERFORMANCE FROM OUR FAMILY OF INTERFACES

The Fisher & Paykel Healthcare range of interface solutions has been designed with innovative features to enhance sleep performance and provide for:

- **'Fit and Forget'** quick and hassle-free fitting without time-consuming adjustments.
- **Alternative delivery methods** for those who may feel claustrophobic.
- **24-hour wellness** through maximizing comfort and minimizing side effects.
- **Facial comfort** through unique cushioning technologies (whether on the bridge of the nose, through the mouth, around the face or directly into the nose).
- **An optimal mask seal** to minimize mask leakage.
- **Quiet and considerate** usage by decreasing noise that could potentially wake the user or their bed-partner.

3 Mask Models

Over-the-nose nasal mask

Standard	FlexiFit™ 405
Premium	FlexiFit™ 407

Direct nasal mask

Infinity™ 481

Oral mask

Oracle™ 452

Full face mask

FlexiFit™ 431

Helpful hints on mask choice:

- Do you ever feel claustrophobic?
If so, a mask that provides a free field of vision may suit you better.
- Do you scuba-dive or snorkel?
An oral mask slips into your mouth in a similar manner to a diver's mouthpiece.
- Are you comfortable with the feel of a hat or cap?
Masks with headgear are not dissimilar in feel to a hat. Each is designed for lightweight, personalized comfort.
- Would you prefer the freedom of little or no headgear?
If so, a direct nasal or oral mask may suit you best.

Information on mask models:

- The FlexiFit™ 405 and 407 offer an over-the-nose solution that fits well and is easy to fit and forget.
- The Infinity™ 481 is smaller and lighter than other masks, delivering pressure directly to the nasal passages.
- The Oracle™ 452 is unique – the only mask on the market to deliver pressure through the mouth with minimal headgear.
- The FlexiFit™ 431 is for those who prefer full face delivery for a mix of nasal and oral therapy.

Infinity™ 481



Oracle™ 452



FlexiFit™ 431



Unique Mask Features for Greater Freedom, Comfort and Compliance



These unique performance features appear in our range of interfaces. All have Fit-and-Forget Technology and are supplied complete as an Out-of-Box Solution. Refer to our handy table for guidance on which interface contains each feature.

FIT-AND-FORGET TECHNOLOGY

Using our anthropometric database with thousands of facial contours, our designers have created a combination of technologies that adjust to the user for personalized comfort - such as: auto-contouring cushioning technologies and an auto-sliding Glider™ Strap that compensates for head movement to maintain a seal. Simply fit and forget.

AN OUT-OF-BOX SOLUTION

All interfaces in the family come assembled (all sizes included) - ready to use for a simple application straight from the box. There is no requirement for a dealer or lab to hold a range of sizes and no requirement for difficult manual adjustments once you have the mask home.

PERFORMANCE FEATURES



FlexiFit™ Technology Auto-contouring fit

With Foam or Air Cushion
FlexiFit™ Technology automatically adjusts to a wide range of nasal and facial contours with simple one-step ease of fitting and no complicated adjustments.



Glider™ Strap Anti-leak system

The sliding Glider™ Strap provides freedom of movement while maintaining a seal. Mask force remains equal when the head rotates from side to side, minimizing the occurrence of leaks.



Premium Frosted Silicone Seal Optimizing seal technology

This seal technology has a soft, smooth feel to slide onto the face, and its frosted texture optimizes the mask seal.



Stretchgear™ Headgear Deluxe mask suspension system

This is a special elastic headgear segment that maintains an equal mask force when the head tilts up or down.



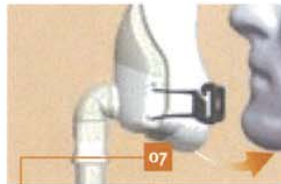
Microgear™ Headgear Minimal intrusion

Virtually 'strap free', the most minimal headgear in the range. Microgear™ Headgear holds the mask securely in place with minimal presence and all the holding advantages of full headgear.



Efficient Bias Diffuser Quiet usage on vented elbow

With Material Filter or Maintenance Free. This advanced air diffuser system prevents air from blowing onto the sleeping partner and decreases noise that could potentially disrupt sleep.



Under-Chin Design Extra stability

An Under-Chin fit provides stability by providing a constant point of reference and maintains the seal even with movement of the jaw during the night.



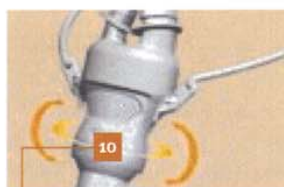
Crown Strap Extra stability

Complements the Under-Chin Design to maximize stability and eliminate the need for a chin strap.



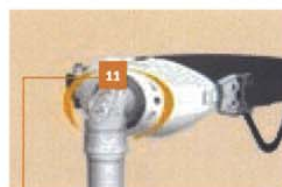
Easy-Release Strap
One-step removal

Simply pull the Easy-Release Cord for one-step removal of headgear. No ongoing headgear adjustments required. Convenient for quick removal of the mask.



Anatomically Designed Mask Base

This ball-and-socket-styled joint (used only in the Direct Nasal Mask) allows the user to select the Flexitube position - providing greater freedom to choose any sleeping position.



Rotating Adjustment Dial

Offers continuous adjustment of the distance between the SnapFlap™ Cover and SoftSeal Mouthpiece for a personalized fit. Easy to use - just rotate the adjustment dial. This can even be adjusted while the mask is fitted.

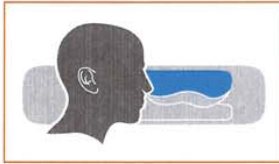


SoftSeal Mouthpiece / SnapFlap™ Cover Interaction

Holds the lips snugly between the inner SoftSeal Mouthpiece and outer SnapFlap™ Cover providing a leak-free combination. These technologies work together to provide a simple, superior seal and maximum comfort.

			Nasal Delivery		Full Face Delivery	Direct Nasal Delivery	Oral Delivery
Interface Performance Features			FlexiFit™ 405	FlexiFit™ 407	FlexiFit™ 431	Infinity™ 481	Oracle™ 452
Fit-and-Forget			●	●	●	●	●
Out-of-Box Solution			●	●	●	●	●
01 FlexiFit™ Technology	Foam Cushion		●	●			
	Air Cushion				●		
02 Glider™ Strap				●	●		
03 Premium Frosted Silicone Seal				●	●	●	
04 Stretchgear™ Headgear				●			
05 Microgear™ Headgear						●	
06 Efficient Bias Diffuser	Material Filter		●				●
	Maintenance Free			●	●	●	
07 Under-Chin Design					●		
08 Crown Strap					●		
09 Easy-Release Strap					●		●
10 Anatomically Designed Mask Base						●	
11 Rotating Adjustment Dial							●
12 SoftSeal Mouthpiece/SnapFlap™ Cover Interaction							●

Nasal Delivery - FlexiFit™ 405 & 407



NASAL MASKS

Each of these nasal masks offers an over-the-nose mask solution that fits better, feels lighter and is easier to use. When you study the foam cushion of the new FlexiFit™ Series you can immediately see why these nasal masks are so user-friendly. The FlexiFit™ Series' comfort technology with its auto-contouring properties provides a perfect fit for faces of every shape and size. Each mask

comes fully assembled with a unique Glider™ Strap mechanism to stop the mask being pulled askew during the night. The FlexiFit™ 407 Nasal Mask comes with premium features including a frosted Silicone Seal and Stretchgear™ Headgear for even greater comfort and a maintenance-free bias diffuser for quieter operation.

FlexiFit™ 405

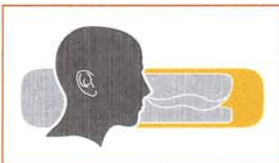


FlexiFit™ 407



Interface Performance Features		Nasal Delivery	
		FlexiFit™ 405	FlexiFit™ 407
Fit-and-Forget		●	●
Out-of-Box Solution		●	●
01 FlexiFit™ Technology	Foam Cushion	●	●
	Air Cushion	●	●
02 Glider™ Strap		●	●
03 Premium Frosted Silicone Seal			●
04 Stretchgear™ Headgear			●
06 Efficient Bias Diffuser	Material Filter	●	
	Maintenance Free		●

Full Face Delivery - FlexiFit™ 431



FULL FACE MASK

For those who prefer a full-face delivery for a mix of nasal and oral CPAP therapy, the FlexiFit™ 431 Full Face Mask offers a comfortable alternative to nasal or oral delivery. Still incorporating the FlexiFit™ Technology with auto-contouring properties, the FlexiFit™ 431 Full Face Mask comes

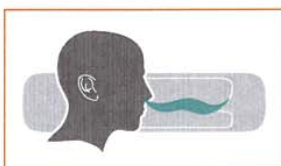
with an Under-Chin fit and highly contoured Silicone Seal for maximum comfort and stability. The Glider™ Strap integrates with Easy-Release Straps for one-step removal and no need for ongoing adjustments. The FlexiFit™ 431 Full Face Mask comes fully assembled and ready for use.

FlexiFit™ 431



Interface Performance Features		Full Face Delivery	
		FlexiFit™ 431	
Fit-and-Forget		●	
Out-of-Box Solution		●	
01 FlexiFit™ Technology	Foam Cushion	●	
	Air Cushion	●	
02 Glider™ Strap		●	
03 Premium Frosted Silicone Seal		●	
06 Efficient Bias Diffuser	Material Filter	●	
	Maintenance Free	●	
07 Under-Chin Design		●	
08 Crown Strap		●	
09 Easy-Release Strap		●	

Direct Nasal Delivery - Infinity™ 481



DIRECT NASAL MASK

The Infinity™ 481 Direct Nasal Mask is smaller and lighter than all other masks to offer the patient total sleeping freedom. The Infinity™ 481 differs from other over-the-nose nasal masks by delivering pressure directly into the nasal passages via an anatomically shaped Silicone Seal direct to each nostril.

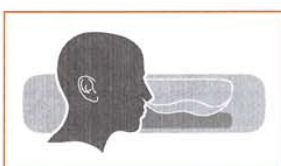
A maintenance-free vent disperses the air quietly and efficiently, while a ball-and-socket-styled joint allows infinite movement for comfort. This freedom of movement, combined with minimalist Microgear™ Headgear, provides for unprecedented comfort and ease of use.

Infinity™ 481



Interface Performance Features		Direct Nasal Delivery
		Infinity™ 481
Fit-and-Forget		●
Out-of-Box Solution		●
03	Premium Frosted Silicone Seal	●
05	Microgear™ Headgear	●
06	Efficient Bias Diffuser	●
	Material Filter	
	Maintenance Free	●
10	Anatomically Designed Mask Base	●

Oral Delivery - Oracle™ 452



FULL FACE MASK

The Oracle™ 452 Interface is a unique oral mask for the delivery of positive pressure therapy. The Oracle™ 452 delivers pressure through the mouth rather than the nose, offering the patient yet another choice of delivery. Clinically proven to function as effectively as a nasal mask, the Oracle™ 452 is a

perfect solution for mouth breathers and patients with chronic nasal obstruction who find therapy difficult with a nasal mask. With nothing covering the field of vision, the Oracle™ 452 provides freedom of movement equivalent only to that of the Infinity™ 481 Direct Nasal Mask.

Oracle™ 452



Interface Performance Features		Oral Delivery
		Oracle™ 452
Fit-and-Forget		●
Out-of-Box Solution		●
06	Efficient Bias Diffuser	●
	Material Filter	
	Maintenance Free	●
09	Easy-Release Strap	●
11	Rotating Adjustment Dial	●
12	SoftSeal Mouthpiece/SnapFlap™ Cover Interaction	●

For more information, please contact your local Fisher & Paykel Healthcare representative

Fisher & Paykel Healthcare has a policy of continuous product improvement and reserves the right to alter specifications without notice. Patented in principal countries of the world.

International

P O Box 14 348, Panmure
Auckland 1134, New Zealand

Tel: +64 9 574 0100
Fax: +64 9 574 0158
Email: info@fphcare.com
Web: www.fphcare.com

USA

Tel: 1800 446 3908
+1 949 470 3900
Fax: +1 949 470 3933

Australia

Tel: +61 3 9879 5022
Fax: +61 3 9879 5232

Austria

Tel: 0800 29 31 23
Fax: 0800 29 31 22

Benelux

Tel: +31 78 644 0924
Fax: +31 78 644 0914

China

Tel: +86 20 8363 4286
Fax: +86 20 8363 3595

France

Tel: +33 1 6446 5201
Fax: +33 1 6446 5221

Germany

Tel: +49 7182 93777 0
Fax: +49 7182 93777 99

India

Tel: +91 80 5123 6041
Fax: +91 80 5123 6044

Irish Republic

Tel: 1800 409 011

Italy

Tel: +39 06 7839 2939
Fax: +39 06 7814 7709

Japan

Tel: +81 3 3661 7205
Fax: +81 3 3661 7206

Spain

Tel: +34 902 013 346
Fax: +34 902 013 379

Switzerland

Tel: 0800 83 47 63
Fax: 0800 83 47 54

UK (EU Authorised Representative)

Tel: +44 1628 626 136
Fax: +44 1628 626 146

Nthn Ireland

Tel: 0800 132 189