

### OXYGEN / PRESSURE PORT CONNECTOR

If pressure readings and/or additional oxygen are required, an Oxygen/Pressure Port Connector is available. (Code 900HC452)

- 1) Connect the large end of the Connector (T) to the Non-Rebreathing Valve (J) on the mask and the small end of the Connector to the Breathing Tube (R).
- 2) Open the Port Cap(s) (P) and place the Pressure and/or Oxygen Tube (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 fixed 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 this 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, new air from the CPAP machine flushes the exhaled air out through the attached mask exhalation port. However, when the CPAP machine is not operating, enough fresh air will not be provided through the mask, and exhaled air may be rebreathed. Rebreathing of exhaled air for longer than several minutes can in some circumstances lead to suffocations.
- At low CPAP pressures the flow through the exhalation port may be inadequate to clear all exhaled gas from the tubing. Some rebreathing may occur.
- Operating pressure range is 3-25 cm H<sub>2</sub>O.
- Do not use the mask without the Non-Rebreathing Valve in place. This valve ensures CO<sub>2</sub> rebreathing is kept to a minimum in the event of power failure.
- Do not use the mask if vomiting or feeling nauseous.
- Discontinue using the mask if there is an allergic reaction to any part of the mask. Consult your physician if this occurs.
- If re-using the FlexiFit™ HC431 between different patients, refer to the **Multi Patient Cleaning Instructions** for the FlexiFit™ HC431 mask.
- Replace the Non-Rebreathing Valve every 12 months.
- Do not use the FlexiFit™ HC431 elbow on other Fisher & Paykel Masks.
- Use the FlexiFit™ HC431 mask only with the headgear provided.

### CAUTION

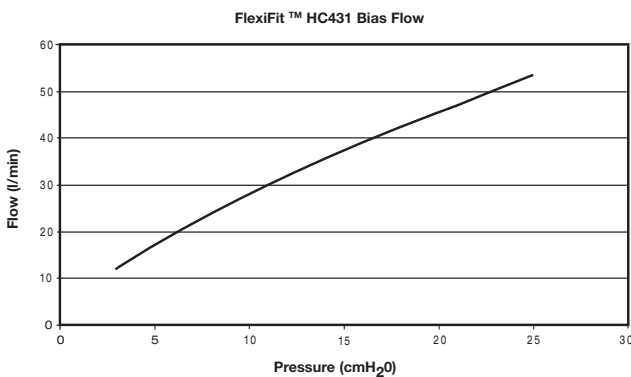
- Use the mask for its intended use only as directed in this booklet.
- US Federal Law restricts this device to sale by, or on order of a physician.
- Operating temperature range is 40-140° F (5-50°C).

### CONTRAINDICATIONS

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

**US Patent Number 6 615 834**

**Other Patents Pending**



### BIAS FLOW INFORMATION

The FlexiFit™ HC431 has a unique bias diffuser system which vents the expelled CO<sub>2</sub> 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 CO<sub>2</sub> is expelled from the mask.**

Pressure (cm H <sub>2</sub> O)	3	5	7	9	11	13	15	17	19	21	23	25
Bias Flow (LPM)	12	17	21	26	30	34	37	41	44	47	50	53

### RESISTANCE TO FLOW

Pressure drop through mask @ 50 l/min	0.27 cm H <sub>2</sub> O
Pressure drop through mask @ 100 l/min	0.75 cm H <sub>2</sub> O