

INTENTIONAL LEAK RATE – MASKS AND DEP DEVICES 2007

Respironics sleep therapy devices report and/or display **Total Leak** rates.

Total Leak = Intentional Leak PLUS Unintentional Leak

This chart/graph provides the Intentional Leak rates of our mask exhalation ports at various pressure settings.

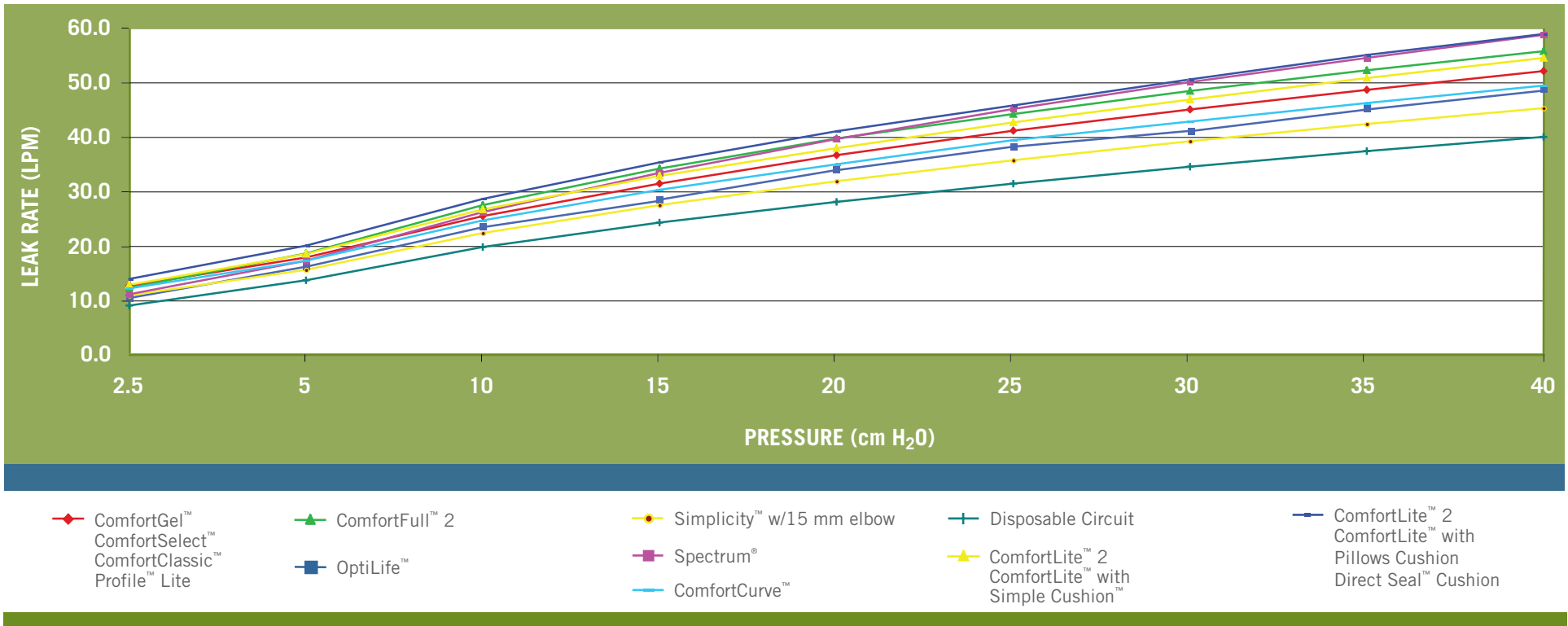
Unintentional Leak = Total Leak MINUS Intentional Leak

(from mouth, mask, etc.)

MASK	ComfortGel™ ComfortSelect™ ComfortClassic™ Profile™ Lite		ComfortFull™ 2	OptiLife™	ComfortLite™ 2 ComfortLite™ with Simple Cushion™	ComfortLite™ 2 ComfortLite™ with Pillows Cushion Direct Seal™ Cushion	Simplicity™ with 15 mm elbow	Spectrum®	Disposable Circuit	ComfortCurve™
	ELBOW	Exhalation Mute	Entrainment Valve	OptiLife™ Exhalation	Diffusion Elbow	Diffusion Elbow	Castle Port	Whisper Swivel® 2	DEP	Crosstube
ELBOW SCHEMATIC										
Intentional Leak Rate (LPM) *										
PRESSURE (CM H2O)	2.5	12.7	12.3	11.2	12.9	14.0	10.9	11.1	9.1	12.2
	5	17.9	18.6	16.1	18.5	20.1	15.6	17.3	13.7	17.3
	10	25.5	27.5	23.1	26.7	28.6	22.4	26.2	19.8	24.7
	15	31.4	34.2	28.7	32.9	35.3	27.5	33.4	24.3	30.3
	20	36.7	39.7	33.7	37.9	41.1	31.9	39.6	28.1	35.0
	25	41.1	44.2	37.9	42.7	45.8	35.7	45.1	31.4	39.4
	30	45.0	48.4	41.7	46.8	50.5	39.2	50.0	34.5	42.8
	35	48.6	52.2	45.1	50.8	55.0	42.4	54.5	37.4	46.2
40	52.1	55.7	48.6	54.5	58.9	45.3	58.7	40.0	49.4	

* The actual leak rate may vary due to slight differences in the manufacturing process.

RESPIRONICS MASK AND DEP DEVICES - PRESSURE VS. FLOW



RESPIRONICS®

Customer Service: 800-345-6443 or 724-387-4000
 Respiration Europe, Africa, Middle East: +33-1-47-52-30-00
 Respiration Asia Pacific: +852-3194-2280
www.respiration.com

©2007 Respiration, Inc. and its affiliates. All rights reserved.

PTECH JJ 2/21/07 MCI 4100961 PN 1036868