ONLY ONE

FLOW-SAFE® II
DISPOSABLE CPAP SYSTEMS

Flow-Safe®
Flow-Safe II®
Flow-Safe II$_{EZ}$®

FLOW-SAFE TUBING KIT

A Simple Solution to a Serious Problem.

The technology is here.
Adjusting FiO_2 is now just a matter of utilizing the Flow-Safe Tubing Kit.

· ADJUST FiO_2

- By adjusting the flow of each flowmeter, the oxygen percentage can be adjusted while maintaining the same pressure.

- Blending of O_2 and Air reduces oxygen consumption.

Flow-Safe Tubing Kit

Flow-Safe II

· EASY-TO-USE

- Just attach "Y" shape tubing to both an oxygen flowmeter and compressed air flowmeter and adjust the flow from each flowmeter.

Flow-Safe II EZ

· NO CAPITAL EQUIPMENT COSTS

- Purchase separately or in a kit with Flow-Safe, Flow-Safe II or Flow-Safe II$_{EZ}$

ORDERING INFORMATION

PART #	DESCRIPTION	PACKAGING
#10-55326	Flow-Safe® Tubing Kit	10/Box
#10-57037	Flow-Safe® with integral manometer, pop-off, 7' oxygen tubing and Flow-Safe Tubing Kit. Supplied without mask.	5/Box
#10-57237	Flow-Safe II® with integral manometer, pop-off, 7' oxygen tubing and Flow-Safe Tubing Kit. Supplied without mask.	5/Box
#10-57322	Flow-Safe® II$_{EZ}$ with integral nebulizer, manometer, pop-off, 7' oxygen tubing and Flow-Safe Tubing Kit. Supplied without mask.	5/Box

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Flow Information/PEEP/O_2 Concentration

Flow-Safe®

Lightweight and Portable	75 grams nominal (less mask and harness) 61 mm X 60 mm X 50 mm (unit only)
Flow (LPM)	**CPAP/PEEP (cm H_2O)**
10	1.5 - 2.0
15	3.0 - 4.0
20	6.0 - 7.0
25	8.5 - 10

Flow-Safe II®

Lightweight and Portable	80 grams nominal (less mask and harness) 90 mm X 53 mm X 65 mm (unit only)
Flow (LPM)	**CPAP/PEEP (cm H_2O)**
6	2.0 - 3.0
10	6.0 - 7.0
12	8.0 - 9.0
15	11.0 - 12.0
CPAP (approx. cm H_2O)	Flow (LPM)
5.0	8 - 9
7.5	10 - 12
10.0	13 - 14
13.0 (Max.)	FLUSH

Flow-Safe II EZ®

Flow (LPM)	CPAP/PEEP Pressure (cm H_2O) Nebulizer Off	CPAP/PEEP Pressure (cm H_2O) Nebulizer On
6	2.0 - 3.0	1.0 - 2.0
10	6.0 - 7.0	2.0 - 3.0
12	8.0 - 9.0	3.0 - 4.0
15	11.0 - 12.0	4.0 - 5.0

CPAP/PEEP Pressure (cm H_2O)	Flow (LPM) Nebulizer Off	Flow (LPM) Nebulizer On
5.0	8 - 9	15 - 16
7.5	10 - 12	19 - 20
10.0	13 - 14	24 - 25
13.0 (Max)	FLUSH	28 - 30

CAUTION: *CPAP pressure will decrease when nebulizer is activated and increase when nebulizer is deactivated. Verify CPAP pressure with manometer and adjust flowmeter as needed.*

All Flow-Safe configurations include a Manometer, Pressure Relief Valve and 7' Oxygen Tubing

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Flow Information

AIR LITER/MIN	O_2 LITER/MIN	FLOW LITER/MIN	% O_2		AIR LITER/MIN	O_2 LITER/MIN	FLOW LITER/MIN	% O_2
0	6	6	100		0	10	10	100
1	5	6	87		1	9	10	92
2	4	6	74		2	8	10	84
3	3	6	61		3	7	10	76
4	2	6	47		4	6	10	68
5	1	6	34		5	5	10	61
6	0	6	21		6	4	10	53
					7	3	10	45
					8	2	10	37
					9	1	10	29
					10	0	10	21

AIR LITER/MIN	O_2 LITER/MIN	FLOW LITER/MIN	% O_2		AIR LITER/MIN	O_2 LITER/MIN	FLOW LITER/MIN	% O_2
0	12	12	100		0	15	15	100
1	11	12	93		1	14	15	95
2	10	12	87		2	13	15	89
3	9	12	80		3	12	15	84
4	8	12	74		4	11	15	79
5	7	12	67		5	10	15	74
6	6	12	61		6	9	15	68
7	5	12	54		7	8	15	63
8	4	12	47		8	7	15	58
9	3	12	41		9	6	15	53
10	2	12	34		10	5	15	47
11	1	12	28		11	4	15	42
12	0	12	21		12	3	15	37
					13	2	15	32
					14	1	15	26
					15	0	15	21

NOTE: *The listed output is nominal value only, actual output may vary depending upon patient tidal volume, breath rate and the existence of mask leaks. Faster breathing rates lower oxygen concentration while slower rates result in higher oxygen concentration. Large tidal volumes lower oxygen concentration, small tidal volumes result in higher oxygen concentration.*

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