

ONLY ONE

FLOWSAFE II[®]
DISPOSABLE CPAP SYSTEM(S)

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 FiO₂ is now just a matter of utilizing the Flow-Safe Tubing Kit.

· ADJUST FiO₂

- By adjusting the flow of each flowmeter, the oxygen percentage can be adjusted while maintaining the same pressure.
- Blending of O₂ 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

Flow Information/PEEP/O₂ Concentration



Lightweight and Portable	75 grams nominal (less mask and harness) 61 mm X 60 mm X 50 mm (unit only)
<u>Flow (LPM)</u>	<u>CPAP/PEEP (cm H₂O)</u>
10	1.5 - 2.0
15	3.0 - 4.0
20	6.0 - 7.0
25	8.5 - 10



Lightweight and Portable	80 grams nominal (less mask and harness) 90 mm X 53 mm X 65 mm (unit only)
<u>Flow (LPM)</u>	<u>CPAP/PEEP (cm H₂O)</u>
6	2.0 - 3.0
10	6.0 - 7.0
12	8.0 - 9.0
15	11.0 - 12.0
CPAP (approx. cm H ₂ O)	Flow (LPM)
5.0	8 - 9
7.5	10 - 12
10.0	13 - 14
13.0 (Max.)	FLUSH



Flow (LPM)	CPAP/PEEP Pressure (cm H ₂ O) Nebulizer Off	CPAP/PEEP Pressure (cm H ₂ O) Nebulizer On	CPAP/PEEP Pressure (cm H ₂ O)	Flow (LPM) Nebulizer Off	Flow (LPM) Nebulizer On
6	2.0 - 3.0	1.0 - 2.0	5.0	8 - 9	15 - 16
10	6.0 - 7.0	2.0 - 3.0	7.5	10 - 12	19 - 20
12	8.0 - 9.0	3.0 - 4.0	10.0	13 - 14	24 - 25
15	11.0 - 12.0	4.0 - 5.0	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

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	8	8	100		0	10	10	100
1	7	8	90		1	9	10	92
2	6	8	80		2	8	10	84
3	5	8	70		3	7	10	76
4	4	8	61		4	6	10	68
5	3	8	51		5	5	10	61
6	2	8	41		6	4	10	53
7	1	8	31		7	3	10	45
8	0	8	21		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.