

Oxygen Savings

The Oxymizer® offers a savings ratio of up to 4:1 over continuous flow. The chart on the right illustrates conservation savings for a variety of liter flow settings.

OXYGEN REQUIREMENTS WITH STANDARD NASAL CANNULA	OXYGEN REQUIREMENTS WITH OXYMIZER® DEVICES	RESULTING OXYGEN SAVINGS*	SAVINGS RATIO (OVER CF)
2.0 lpm	0.5 lpm	75.00%	4:1
3.0 lpm	1.0 lpm	66.60%	3:1
3.5 lpm	1.5 lpm	57.14%	2.3:1
4.0 lpm	2.0 lpm	50.00%	2:1
5.0 lpm	2.5 lpm	50.00%	2:1
5.5 lpm	3.0 lpm	45.45%	1.8:1
6.0 lpm	3.5 lpm	41.67%	1.7:1
6.5 lpm	4.0 lpm	38.46%	1.6:1
7.0 lpm	4.5 lpm	35.71%	1.5:1
7.5 lpm	5.0 lpm	33.33%	1.5:1

*Average savings. Your patient's actual oxygen level may vary. ATS-ERS COPD Guidelines recommend titrating using the prescribed delivery device.

Cylinder Duration

The Oxymizer® can save you valuable time and money by extending the life of your patient's oxygen supply. The chart below outlines how much longer cylinders will last when using the Oxymizer®:

			Liter Flow Setting									
STANDARD CANNULA			2	3	3.5	4	5	5.5	6	6.5	7	7.5
OXYMIZER® EQUIVALENCY SETTING*			0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
	Cylinder Type	Volume	Estimated Cylinder Duration in Hours									
Continuous Flow Oxymizer®	M2	36 liters	0.30	0.20	0.17	0.15	0.12	0.11	0.10	0.09	0.09	0.08
			1.20	0.60	0.39	0.30	0.24	0.20	0.17	0.15	0.13	0.12
Continuous Flow Oxymizer®	M4(A)	113 liters	0.94	0.63	0.54	0.47	0.38	0.34	0.31	0.29	0.27	0.25
			3.77	1.88	1.24	0.94	0.75	0.62	0.53	0.46	0.40	0.38
Continuous Flow Oxymizer®	M6(B)	164 liters	1.37	0.91	0.78	0.68	0.55	0.50	0.46	0.42	0.39	0.36
			5.47	2.73	1.80	1.37	1.09	0.89	0.77	0.67	0.59	0.55
Continuous Flow Oxymizer®	ML6	171 liters	1.43	0.95	0.81	0.71	0.57	0.52	0.48	0.44	0.41	0.38
			5.70	2.85	1.87	1.43	1.14	0.93	0.81	0.70	0.61	0.57
Continuous Flow Oxymizer®	M7	198 liters	1.65	1.10	0.94	0.83	0.66	0.60	0.55	0.51	0.47	0.44
			6.60	3.30	2.17	1.65	1.32	1.08	0.94	0.81	0.71	0.66
Continuous Flow Oxymizer®	M9(C)	246 liters	2.05	1.37	1.17	1.03	0.82	0.75	0.68	0.63	0.59	0.55
			8.20	4.10	2.69	2.05	1.64	1.34	1.16	1.01	0.88	0.82
Continuous Flow Oxymizer®	D	425 liters	3.54	2.36	2.02	1.77	1.42	1.29	1.18	1.09	1.01	0.94
			14.17	7.08	4.65	3.54	2.83	2.32	2.01	1.74	1.52	1.42
Continuous Flow Oxymizer®	E	680 liters	5.67	3.78	3.24	2.83	2.27	2.06	1.89	1.74	1.62	1.51
			22.67	11.33	7.45	5.67	4.53	3.71	3.21	2.79	2.43	2.27

*Due to the oxygen storage capability of the Oxymizer®, you can reduce your patient's liter flow and still deliver the required amount of oxygen to maintain saturation. The Oxymizer® effectively oxygenates high-flow patients.