

## CYLINDER SPECIFICATIONS AND SERVICE TIME TABLE WITH MH OXYGEN DELIVERY DEVICES

### Altitude Breathing Time in Hours for One Individual

Med. Ref.	Cylinder Model Number	Maximum Cylinder Pressure PSI	Maximum Cylinder Capacity cu. Ft./Liters	Diameter in / cm	Length in / cm	Weight lb / kg (empty)	CLASS A AIRSPACE												
							10,000 Ft.			15,000 Ft.			18,000 Ft.			20,000 Ft.		25,000 Ft.	
							*MH4	*MH3	°EDS	*MH4	*MH3	°EDS	•MH4	*MH3	EDS	•MH4	••EDS	•MH4	••EDS
M4	AL-113	2216	4.0/113	3.2 / 8.1	8.3 / 21	1.7 / 0.8	1.6	4.7	6.9	1.1	2.6	3.4	0.9	2.0	2.6	0.8	1.8	0.6	1.2
M6	AL-180	2216	5.8/165	3.2 / 8.1	11.8 / 30	2.7/1.2	2.3	6.9	10.1	1.6	3.8	4.9	1.3	2.9	3.8	1.2	2.6	0.8	1.7
M9	AL-248	2015	8.8/248	4.4 / 11.1	10.6 / 27	3.8 / 1.7	3.5	10.3	15.2	2.4	5.7	7.4	2.0	4.3	5.7	1.8	3.9	1.3	2.6
D	AL-415	2015	14.7/415	4.4 / 11.1	16.2 / 41.0	5.4 / 2.5	5.8	17.2	25.4	4.0	9.5	12.3	3.4	7.2	9.6	3.0	6.6	2.1	4.3
JD	AL-647	2216	22.8 / 647	5.3 / 13.3	16.5 / 42.0	8.4 / 3.8	9.1	26.9	39.6	6.3	14.8	19.2	5.3	11.3	14.9	4.6	10.3	3.3	6.7
E	AL-682	2015	24.1 / 682	4.4 / 11.1	25.6 / 65.0	8.2 / 3.7	9.6	28.3	41.8	6.6	15.6	20.2	5.6	11.9	15.7	4.9	10.8	3.5	7.0
	CFE-480	3000	18.2/515	4.5 / 11.4	14.4 / 36.5	3.7 / 1.7	7.2	21.4	31.6	5.0	11.8	15.3	4.2	9.0	11.9	3.7	8.2	2.6	5.3
	CFFC-048	2216	48.2/1365	6.8 / 17.2	19.7 / 50.0	6.2 / 2.8	19.1	56.7	83.6	3.2	31.2	40.5	11.2	23.8	31.5	9.8	21.6	7.0	14.1
	CFFC-022	1850	22.0/623	5.20 / 13.2	19.9 / 50.5	3.6 / 1.6	8.7	25.9	38.2	6.0	14.2	18.5	5.1	10.8	14.4	4.5	9.9	3.2	6.4
	KF-011	1850	11.0/311	3.62 / 9.3	19.1 / 48.5	2.0 / 0.9	4.4	12.9	19.1	3.0	7.1	9.2	2.5	5.4	7.2	2.2	4.9	1.6	3.2
	KF-077**	1850	77.0/2180	7.60 / 19.4	29.5 / 75.0	11.4 / 5.2	30.5	90.6	133.6	21.1	49.8	64.7	17.8	38.0	50.3	15.7	34.5	11.1	22.5
	KF-115**	1850	115.0/3257	9.10 / 23.1	31.5 / 80.0	16.6 / 7.5	45.6	135.4	199.6	31.6	74.5	96.6	26.6	56.7	75.2	23.4	51.56	16.7	33.6

**NOTES:**

\*MH3 & MH4 are the Mountain High portable adjustable flowmeters. \*MH3 uses Oxymizer cannula scale.

•MH4 Flows at the standard protocol of 1.0 liter/minute per 10,000 ft. with facemask.

**EDS is Electronic Delivery System.**

°EDS calculated with cannula and N, D5, D10 mode.

••EDS calculated with facemask and F Mode.

The aluminum cylinders are manufactured with alloy 6061-T6, and are DOT 3AL rated and in compliance with Transport Canada.

CFFC cylinders have an aluminum core with carbon filament fiber wrap and are DOT-SP 10945-2216 rated and comply with Transport Canada.

CFE cylinders have an aluminum core with fiber wrap and are DOT SP 11005-3000 and comply with Transport Canada.

All cylinders are weighed empty. Add oxygen gas weight @ .085 lbs. per cubic foot.

All cylinder lengths are without a valve. Add approximately 1.6 inches (4cm) and .6 lb (.3kg)