

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 | | Diameter | Length | (Empty) Weight | CLASS A AIRSPACE | | | | | | | | | | | | |
|-----------|-----------------------|------------------|--------------------------|----------------|----------------|----------------|------------------|-------|-------|------------|------|------|------------|------|------|------------|-------|------------|-------|
| | | Pressure PSI | Capacity Cu. Ft. /Liters | | | | 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 | 3.2in/8.1cm | 8.3in/21cm | 1.7lb/0.8kg | 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 | 3.2in/8.1cm | 11.8in/30cm | 2.7lb/1.2kg | 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 | 4.4in/11.1cm | 10.6in/27cm | 3.8lb/1.7kg | 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 | 4.4in/11.1cm | 16.2in/41.0cm | 5.4lb/2.5kg | 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 in/ 13.3cm | 16.5in/42.0cm | 8.4lb/3.8kg | 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 in/11.1cm | 25.6in/65.0cm | 8.2lb/3.7kg | 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 |
| | CFF-480 | 3000 | 18.2/515 | 4.5 in/11.4cm | 14.4in/36.5cm | 3.7lb/1.7kg | 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 in/17.2 cm | 19.7 in/50.0cm | 6.2lb/2.8kg | 19.1 | 56.7 | 83.6 | 13.2 | 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 in/13.2cm | 19.9in/50.5cm | 3.6lb/1.6kg | 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 in/9.3cm | 19.1in/48.5cm | 2.0lb/0.9kg | 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 in/19.4cm | 29.5in/75.0cm | 11.4lb/5.2kg | 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 in/23.1cm | 31.5in/80.0cm | 16.6lb/7.5kg | 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.

CFF 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) for the valve.

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