

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 |
| | CFF-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.

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)