



## Quality, precision, and rapid availability

For home oxygen therapy, emergency medical services (EMS), pre-hospital care and hospitals, nursing homes, and other medical institutions. Quality, service, and on-time delivery are paramount in the healthcare industry, and Metal Impact consistently meets those demands.

### FEATURES

- Small and intermediate models with thread size: .750-16 UNF-2B
- Large models (M33, M60, M90, and M122) with thread size: 1.125-12 UNF-2B
- Includes standard medical valve
- Lightweight, high-strength 6061-T6 alloy helps increase patient mobility
- Corrosion-resistant interior and exterior
- Wide color range available, including fully brushed and polished
- Custom TMI labeling available

### Manufactured to DOT and TC requirements

- U.S. Department of Transportation (DOT) 3AL
- Transport Canada (TC) 3ALM
- Every cylinder inspected and tested by DOT- and TC-authorized independent agency
- Cycle-tested in excess of 10,000 cycles at test pressure
- Minimum burst pressure tested to 2.5 times service pressure without failure

### STANDARD SPECIFICATIONS

	Model																
	M2	ML2	M4	ML4	M6	ML6	M7	MC	MC12	MD	ME	M22	M33	M42	M60	M90	M122
Service pressure (psi)	2,216	2,216	2,216	2,015	2,216	2,015	2,015	2,015	2,015	2,015	2,015	2,216	2,216	2,216	2,216	2,216	2,216
Outer diameter (in)	2.53	3.19	3.19	4.38	3.19	4.38	4.38	4.38	4.38	4.38	4.38	5.25	6.89	5.25	7.25	7.25	8.00
Finished length (in)	5.9	5.3	8.4	5.8	11.8	7.6	9.2	10.8	14.0	16.2	25.6	16.5	15.0	28.9	22.9	32.6	36.5
Cylinder weight (lbs)	0.7	1.1	1.6	2.3	2.3	2.8	3.2	3.6	4.9	5.1	7.5	8.3	13.4	13.6	21.9	29.8	40.7
Internal volume (in <sup>3</sup> )	17.7	21.5	40	43	61	68	86	101	141	169	281	235	353	449	642	963	1,307
O <sub>2</sub> capacity (cubic ft)	1.7	2.0	3.7	3.6	5.7	5.8	7.3	8.6	12.0	14.3	23.9	22.0	33.0	42.0	60.0	90.0	122.0

### METRIC SPECIFICATIONS

	Model																
	M2	ML2	M4	ML4	M6	ML6	M7	MC	MC12	MD	ME	M22	M33	M42	M60	M90	M122
Service pressure (bar)	153	153	153	139	153	139	139	139	139	139	139	153	153	153	153	153	153
Outer diameter (mm)	64.3	80.9	80.9	111.1	80.9	111.1	111.1	111.1	111.1	111.1	111.1	133.4	175.0	133.4	184.2	184.2	203.2
Finished length (mm)	149	135	213	147	298	193	233	273	357	411	650	418	381	733	582	827	927
Cylinder weight (kg)	0.3	0.5	0.7	1.1	1.0	1.3	1.4	1.6	2.2	2.3	3.4	3.8	6.1	6.2	9.9	13.5	18.5
Internal volume (L)	0.3	0.4	0.7	0.7	1.0	1.1	1.4	1.7	2.3	2.8	4.6	3.9	5.8	7.4	10.5	15.8	21.4
O <sub>2</sub> capacity (L)	47	57	106	102	161	164	206	244	340	406	676	623	935	1,189	1,699	2,549	3,455