



MEDICAL SPECIFICATIONS

PART #	SERVICE PRESSURE		WATER CAPACITY		DIAMETER		LENGTH		CYLINDER WEIGHT		OXYGEN	
	psi	bar	lbs	liters	in	mm	in	mm	lbs	kgs	cu ft	liters
M74	3000	207	22.0	10.0	7.25	184.2	23.8	605	28.4	12.9	77	2167
M32	3000	207	9.1	4.1	4.38	111.3	25.5	648	10.8	4.9	32	906
M20	3000	207	5.7	2.6	4.38	111.3	16.8	427	7.3	3.3	20	566
M12	3000	207	3.4	1.5	4.38	111.3	10.9	277	5.1	2.3	12	340
M7.8	3000	207	2.1	1.0	4.38	111.3	7.8	198	3.9	1.8	7.8	221
M7.5	3000	207	2.1	1.0	3.21	81.5	11.8	300	2.9	1.3	7.5	212
M265	2216	153	102.2	46.4	9.80	248.9	51.7	1313	84.7	38.4	265	7503
M150	2015	139	63.7	28.9	8.00	203.2	47.2	1198	49.2	22.3	150	4248
M122	2216	153	47.1	21.4	8.00	203.2	36.2	919	40.3	17.9	122	3455
M90	2216	153	34.7	15.7	7.25	184.2	32.7	830	30.4	13.7	90	2549
M60	2216	153	23.2	10.5	7.25	184.2	23.1	587	22.3	10.1	60	1699
ME	2015	139	10.2	4.6	4.38	111.3	25.4	645	7.8	3.5	24	680
M22	2216	153	8.5	3.9	5.25	133.4	16.3	414	8.2	3.7	22	623
MD	2015	139	6.4	2.9	4.38	111.3	16.7	424	5.4	2.5	15	425
M9	2015	139	3.8	1.7	4.38	111.3	10.9	277	3.8	1.7	9.0	255
M7	2015	139	3.0	1.4	4.38	111.3	9.1	231	3.2	1.5	7.0	198
ML6	2015	139	2.5	1.2	4.38	111.3	7.9	200	2.9	1.3	6.0	170
M6	2216	153	2.3	1.0	3.21	81.5	11.8	300	2.3	1	6.0	170
M4	2216	153	1.5	0.7	3.21	81.5	8.7	221	1.7	0.8	4.0	113
M2	2216	153	0.6	0.3	2.50	63.5	5.9	149	0.75	0.34	1.6	45

- Specification:** - DOT-3AL & TC-3ALM designed
 - ISO design cylinders are available
- Alloy:** - Manufactured from high strength aluminum alloy 6061-T6
- Threads:** - M60 and larger supplied with 1.125-12 UNF thread, all others with .750-16 UNF thread
- Markings:** - As required by specification
 - Additional markings available upon request
- Finish:** - Standard finish is brushed body with green crown (white crown for Canada) and clear paint
- Graphics:** - Logos or labels in silkscreen or Duragrafix available upon request
- Accessories:** - Valves installed upon request
 - M60 and larger are available with either a carrying handle or protective caps and collars

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SCUBA SPECIFICATIONS

PART #	WATER CAPACITY				DIAMETER		LENGTH		CYLINDER WEIGHT		BUOYANCY		
	Capacity cu ft*	cu in	lbs	liters	in	mm	in	mm	lbs	kgs	full	500 psi	empty

3300 SERIES - 3300 PSI (228 BAR)

C100	807	29.2	13.2	8.00	203.2	26.5	673	42.0	19.1	-5.2	0.6	2.2
C80	625	22.6	10.3	7.25	184.2	25.5	648	34.7	15.7	-5.8	-1.3	0.0
C60	486	17.5	7.9	7.25	184.2	19.9	506	27.3	12.4	-5.6	-2.1	-1.2

3000 SERIES - 3000 PSI (207 BAR)

S80	678	24.5	11.1	7.25	184.2	25.9	658	31.3	14.2	-1.6	2.8	4.1
S63	552	19.9	9.0	7.25	184.2	21.7	551	26.9	12.2	-2.8	0.7	1.8
S53	464	16.8	7.6	7.25	184.2	19.2	488	25.1	11.4	-3.8	-0.8	0.1
S50	438	15.9	7.2	6.89	175.0	19.4	493	21.8	9.9	-2.4	0.4	1.2
S45	394	14.2	6.4	6.89	175.0	17.7	450	20.3	9.2	-2.8	-0.3	0.5
S40	350	12.7	5.8	5.25	133.4	25.4	645	16.2	7.3	-1.5	0.7	1.4
S30	263	9.5	4.3	5.25	133.4	19.9	505	13.6	6.2	-2.4	-0.7	-0.2
S19	166	6	2.7	4.38	111.3	17.7	450	7.8	3.5	-1.5	-0.4	-0.2
S13	114	4.1	1.9	4.38	111.3	12.8	325	5.7	2.6	-1.8	-1.0	-0.9
S6	53	1.9	0.9	3.21	81.5	10.8	274	2.6	1.2	-1.5	-1.2	-1.2
S4	35	1.3	0.6	3.21	81.5	7.8	198	1.9	0.9	-1.6	-1.4	-1.4

* All capacities are exact except the industry standard S80 & C80 which have an actual capacity of 77.4 cu ft

- Specification:** - DOT-3AL & TC-3ALM designed
- ISO design cylinders are available
- Alloy:** - Manufactured from high strength aluminum alloy 6061-T6
- Threads:** - Standard 3/4-14 NPSM
- Other thread sizes available upon request
- Markings:** - As required by specification
- Additional markings available upon request
- Finish:** - Shot blasted, fully brushed & powder coat finishes available
- Graphics:** - Logos or labels in silkscreen or Duragrafix available upon request
- Accessories:** - Valves installed upon request

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INDUSTRIAL & SPECIALTY GAS SPECIFICATIONS

PART #	SERVICE PRESSURE		WATER CAPACITY		DIAMETER		LENGTH		CYLINDER WEIGHT		OXYGEN		NITROGEN
	PSI	BAR	lbs	liters	in	mm	in	mm	lbs	kgs	lbs	kgs	cu ft
	I265	2216	153	102.2	46.4	9.80	248.9	51.7	1313	84.7	38.4	265.0	7503
I150	2015	139	63.7	28.9	8.00	203.2	47.2	1198	49.2	22.3	150.0	4248	138.8
I20L	2900	200	44.1	20.0	8.00	203.2	36.9	937	49.5	22.5	149.0	4219	137.0
I122	2216	153	47.1	21.4	8.00	203.2	36.2	919	40.3	17.9	122.0	3455	113.0
I90	2216	153	34.7	15.7	7.25	184.2	32.6	828	30.4	13.7	90.0	2549	82.9
I60	2216	153	23.2	10.5	7.25	184.2	22.9	582	22.3	10.1	60.0	1699	55.4
I48	2216	153	18.6	8.4	5.25	133.4	32.2	818	15.2	6.9	48.2	1365	44.6
I33	2216	153	13.0	5.9	6.89	175.0	15.3	388	13.8	6.3	33.7	954	31.2
I24	2015	139	10.2	4.6	4.38	111.3	25.4	645	7.8	3.5	24.0	680	22.0
I22	2216	153	8.5	3.9	5.25	133.4	16.3	414	8.2	3.7	22.0	623	20.4
I16	2216	153	2.3	1.0	3.21	81.5	11.8	300	2.3	1.0	6.0	170	5.6
I14	2216	153	1.5	0.7	3.21	81.5	8.7	221	1.7	0.8	4.0	113	3.7

- Specification:**
- DOT-3AL & TC-3ALM designed
 - ISO design cylinders are available
- Alloy:**
- Manufactured from high strength aluminum alloy 6061-T6
- Threads:**
- Standard thread is .750-16 UNF & 1.125-12 UNF
 - Taper threads are 3/4-14 NGT, 25E, etc.
 - Other thread sizes available upon request
- Markings:**
- As required by specification
 - Additional markings available upon request
- Finish:**
- Standard finish is brushed body with unpainted crown
 - Heat sensitive clear coat is available upon request
- Cleaning:**
- Industrial cylinders are provided commercially cleaned
 - Specialty gas cylinders are provided spec gas cleaned
- Graphics:**
- Logos or labels in silkscreen or Duragrafix available upon request
- Accessories:**
- Valves can be installed upon request
 - I33 and larger available with carrying handle or cap & collar

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CARBON DIOXIDE SPECIFICATIONS

PART #	WATER CAPACITY			DIAMETER		LENGTH		CYLINDER WEIGHT		CO ₂		NITROGEN
	cu in	lbs	liters	in	mm	in	mm	lbs	kgs	lbs	kgs	cu ft
B50	2035	73.5	33.3	8.60	218.4	46.3	1175	48.3	21.9	50.0	22.7	144.0
B35	1426	51.5	23.4	8.00	203.2	37.8	960	35.2	16.0	35.0	15.9	100.9
B22	901	32.5	14.7	8.00	203.2	25.1	638	25.3	11.5	22.0	10.0	63.5
B20	814	29.4	13.3	8.00	203.2	23.2	589	23.7	10.8	20.0	9.1	57.6
B15	612	22.1	10.0	6.89	175.0	23.1	587	16.8	7.6	15.0	6.8	43.3
B10	407	14.7	6.70	6.89	175.0	16.5	419	12.6	5.7	10.0	4.5	29.0
B5	203	7.4	3.40	5.25	133.4	14.2	361	6.3	2.9	5.0	2.3	14.5
B2.5	102	3.7	1.70	4.38	111.3	10.3	262	3.3	1.5	2.5	1.1	7.2
B2	83.0	3.0	1.40	4.38	111.3	8.5	213	2.9	1.3	2.0	0.9	5.9
B1.75	71.4	2.6	1.17	3.21	81.4	12.5	317	1.9	0.9	1.75	0.8	5.1
B1.5	61.2	2.2	1.00	3.21	81.4	11.1	281	1.7	0.8	1.5	0.7	4.3
B1	40.7	1.5	0.66	3.21	81.5	7.8	197	1.4	0.6	1.0	0.5	2.9

Service Pressure: - 1800 psi / 124 bar

Specification: - DOT-3AL & TC-3ALM designed
- ISO design cylinders are available

Alloy: - Manufactured from high strength aluminum alloy 6061-T6

Threads: - B5 & larger supplied with 1.125-12 UNF thread, all others with .750-16 UNF thread
- Other thread sizes available upon request

Markings: - As required by specification, inclusive of tare weight
- Additional markings available upon request

Finish: - Standard finish is brushed body with unpainted crown

Graphics: - Logos or labels in silkscreen or Duragrafix available upon request

Common Configuration: - B10 and larger with valve & carrying handle, B5 and smaller with valve only
- Caps & collars or dip tubes available upon request

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