

Acetylene Cylinders

DOT / TC Specification Acetylene Cylinders

Model	Min. Cylinder Volume	Approx. Tare Wgt. w/Valve (w/o Cap)	Nom. Dimensions				Solvent Acetone [DMF]	Acetylene Capacity
			OD	Height w/o Valve and Cap	Height w/Valve and Cap	tmin		
	(in ³) (liter)	(lb) (kg)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(lb-oz) (kg)	(ft ³) (m ³)
MC	125	8	3.95	13.0	14.8	0.055	1-6	10.0
	2.0	3.6	100.3	330	375	1.40	0.62	0.28
B	466	26	6.18	19.7	23.3	0.089	5-7	40.0
	7.6	11.8	156.9	500	592	2.26	2.47	1.13
BC	466	28	6.18	20.0	25.8	0.089	5-7	40.0
	7.6	12.7	157.0	508	655	2.26	2.47	1.13
A75	855	45	7.18	25.8	31.5	0.089	9-8	75.0
	14.0	20.4	182.3	655	800	2.26	4.31	2.12
A100	1055	55	7.18	30.8	36.5	0.089	12-2	100.0
	17.3	24.9	182.4	782	927	2.26	5.50	2.83
A145	1527	76	8.21	33.9	39.8	0.102	18-10	145.0
	25.0	34.5	208.5	861	1011	2.59	8.45	4.11
A210	2194	105	10.26	32.0	37.8	0.126	25-13	210.0
	36.0	47.6	260.6	813	960	3.20	11.71	5.95
A250	2606	115	10.26	36.7	42.5	0.126	30-12	250.0
	42.7	52.2	260.6	932	1080	3.20	13.95	7.08
A310	3240	140	12.26	32.8	38.5	0.120	39-5	310.0
	53.1	63.5	311.4	833	978	3.05	17.88	8.78
A390	4151	170	12.26	41.0	46.8	0.120	49-14	390.0
	68.0	77.1	311.4	1041	1187	3.05	22.62	11.04
A420	4375	178	12.26	43.3	49.0	0.120	51-14	420.0
	71.7	80.7	311.4	1099	1245	3.05	23.53	11.89
A450	4785	204	12.26	46.3	52	0.120	[71-4]	450.0
	78.4	92.5	311.4	1175	1321	3.05	[32.32]	12.74

Notes:

-Standard tapping is 3/4"-14 NGT except MC and B, which are tapped for 3/8" valve.

All Models except MC and B are equipped for valve protection cap.

-Tare weight includes the shell, filler, solvent, paint, saturation gas, valve and fuse plugs. Does not include the cap weight of 2 lb (0.91 kg)

-Cylinder Capacities are based on commercially pure acetylene gas at 250 psi (17.24bar) and 70° F (21° C).