



TYPE III ALTERNATIVE FUEL CYLINDERS

From the world's leading producer of lightweight, filament reinforced composite cylinders and pressure vessels.

*Lightweight....
Proven Durability...
No Hydrotest Required...*



Typical Sizes: Type III CNG and Hydrogen Fuel Cylinders

AN EXTENSIVE RANGE OF ADDITIONAL SIZES AND PRESSURES ARE ALSO AVAILABLE
... diameters to 24 in. (610 mm) ... lengths to 120 in. (3048mm) ... pressure ratings to 10,000 psi (690 bar) ...

SCI Model Number	Cylinder Diameter		Length		Water Capacity		Weight lb.	Service Pressure PSI	CNG Capacity SCF	Equivalent Gasoline Gallons (US)	Equivalent Diesel Gallons (US)
	mm	inches	mm	inches	Litres	cu. in.					
ALT747	345	13.5	1115	43.9	74	4516	68.8	3000	662	5.4	4.8
ALT753	255	10.0	1870	73.6	72	4357	86.0	3600	751	6.1	5.4
ALT821	333	13.1	2180	85.8	132	8241	149.0	3600	1376	11.2	9.9
ATL807	333	13.1	3048	120.0	196	11939	211.0	3600	2039	16.6	14.7
ALT823F	388	15.3	1001	39.4	74	4744	78.0	3600	766	6.2	5.5
ALT823E	388	15.3	1850	72.8	167	9936	149.0	3600	1738	14.1	12.5
ATL823A	388	15.3	1943	76.5	173	10555	165.0	3600	1801	14.6	13.0
ALT823B	388	15.3	2548	100.3	230	14231	207.4	3600	2428	19.7	17.5
ALT823D	388	15.3	3048	120.0	283	17294	246.5	3600	2951	24.0	21.2
ALT810A	415	15.3	1869	73.6	185	11614	174.0	3600	1928	15.7	13.9
ALT810S	415	16.3	2083	82.0	200	12450	179.0	3600	2081	16.9	15.0
ALT810M	415	16.3	2179	85.8	210	13127	188.0	3600	2186	17.8	15.7
ALT810N	415	16.3	3048	120.0	313	19092	273.0	3600	3257	26.5	23.4
ALT820	532	21.0	2180	85.8	344	21027	372.0	3600	3494	28.4	25.1
ALT714	375	14.8	700	27.6	49	3016	52.0	3600	510	4.1	3.7
ALT772	440	17.3	955	37.6	100	6146	100.0	3600	1041	8.5	7.5
ALT712	520	20.5	955	37.5	135	8307	139.0	3600	1405	11.4	10.1
ALT713	520	20.5	1060	41.7	156	9501	163.0	3600	1624	13.2	11.7
ALT848	432	17.0	1074	42.3	91	5551	139.0	5000	H2	N/A	N/A
ALT817L	401	15.8	1040	40.9	91	5540	113	5000	H2	N/A	N/A
ALT908	419	16.5	2667	105	260	16700	258	5000	H2	N/A	N/A
ALT909	419	16.5	3048	120.0	313	19092	288.0	5000	H2	N/A	N/A
ALT852	417	16.4	521	20.5	35	2140	70.4	10155	H2	N/A	N/A
ALT861	372	14.6	579	22.8	24	2075	74.5	10155	H2	N/A	N/A
ALT860	400	15.75	904	35.6	66	4027	124	10155	H2	N/A	N/A

(1) Cylinders can be manufactured and certified to US DOT FMVSS 304, ANSI/CSA NGV2, ECE R110, ISO11439, KHK (Japan), CSA B51 (Canada).
 (2) Divisor (5.861) for converting cu. in. water volume to SCF at 70F/3600 psi is based on natural gas having a chemical composition of 17.4 Kg/Kmol.
 (3) Divisor (6.657) for converting cu. in. water volume to SCF at 70F/3000 psi is based on natural gas having a chemical composition of 17.4 Kg/Kmol.

TAYLOR - WHARTON INTERNATIONAL LLC

The People You Know, The Products You Trust

www.twiglobaltech.com
www.taylorwharton.com
www.scicomposites.com

Global Gas Solutions For the 21st Century



American Welding & Tank
www.awtank.com

Taylor-Wharton
www.taylorwharton.com

Taylor-Wharton International
www.twiglobaltech.com

Structural Composites Industries
www.scicomposites.com

Sherwood Valve
www.sherwoodvalve.com