

	CT-0430	CT-0840	CT-0753	CT-0853
Type	Type IV 30 ft. trailer	Type IV 40 ft. trailer	Type IV 53 ft. trailer	Type IV 53 ft. trailer
Liner Material	High Density Polyethylene (HDPE)			
Approval	US DOT 20425 / TC-SH13375			
Approved Gases	Methane, Hydrogen, Helium, Nitrogen, Neon, Argon			
# of Cylinders	4x 25 ft.	4x 25 ft. & 4x 11 ft.	7x 25 ft.	8x 25 ft.
Gas Volume (SCF / SCM)	309,087 / 8,752	453,631 / 12,845	540,901 / 15,317	618,173 / 17,505
Water Volume (G / L)	7,421 / 28,093	10,921 / 41,340	12,987 / 49,163	14,843 / 56,186
GGE	2,472	3,629	4,327	4,945
DGE	2,224	3,264	3,891	4,447
Operating Pressure (psi / bar)	4,000 / 275			
Minimum Operating Temperature	-40° C/F			
Maximum Operating Temperature	72°C / 162°F			
Axles	2			
Trailer Tare Weight (lbs. / kgs.)	22,413 / 10,166	40,048 / 18,165	40,298 / 18,279	43,991 / 19,953
Fully Loaded Weight (lbs. / kgs.)	36,143 / 16,394	60,000 / 27,216	64,326 / 29,178	71,451 / 32,410

Does not take in consideration effect of heat of compression, Z depends of composition. Natural gas composition assumed, In normal pressurization processes, max density reached is about 12.5 lb/ft3, for natural gas. CNG: 60F, 13.84 lb/ft3. Fully Loaded Weight does not include tractor.



Composite Advanced Technologies, LLC.

7441 E Orem Drive
Houston, TX 77075

(832) 409-5577
sales@catecgases.com
www.catecgases.com

