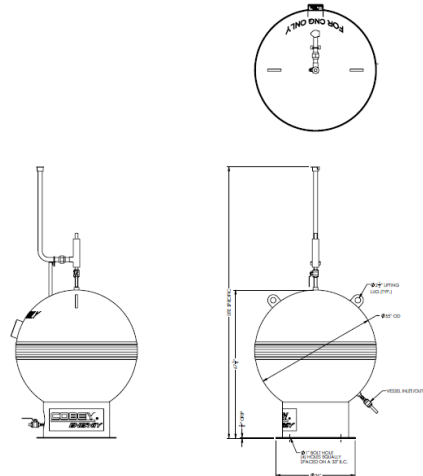


Cobey Energy, located in Buffalo, NY is a premier equipment packager specializing in gas compression. Each CNG vessel is designed with maintainability and reliability at the forefront. Cobey Energy's CNG ASME vessels are built to the highest standards and are designed to meet or exceed NFPA 52 & 30A, and ASME Section VIII, Div. 2.

Cobey Energy CNG ASME Vessels standard offerings include:



CE-VR Single Vessel



- ❖ Designed, manufactured and National Board registered according to ASME Code Section VIII, Div. 2 specifications
- ❖ 48" ID
- ❖ Storage Capacity: 34,104 SCF @ 4,500 psi, equivalent to 273 GGE
- ❖ Design Pressure: 5500 psig
- ❖ Est. three vessel assembly weight: 25,803 lbs.
- ❖ Each vessel will be furnished with:
 - One (1) 3/4" NPT, 3/4" relief valve with isolation valve
 - One (1) 3/4" NPT, 3/4" Inlet/Outlet with isolation valve
 - One (1) 1" NPT, 1" Inlet/Outlet, plugged
 - One (1) 1/2" NPT, 1/2" drain with needle valve
- ❖ Each sphere is mounted on a skirt with a base plate. Base plate includes mounting holes for field installation
- ❖ Sandblasted, with white epoxy paint system applied
- ❖ Marked "FOR CNG ONLY"
- ❖ Available in pre-tubed, skid mounted configuration (CE-PSO)
- ❖ Available in single vessel and 3 vessel cascade configurations

	CE-VR	CE-VRA
	Single Vessel	3 Vessel Cascade
Vessel Capacity @ 4,500 psig (scf)	11,368	34,104
Equivalent GGE capacity (gal.)	91	273
Water Volume (ft ³)	33.6	100.8
Vessel Size (in)	48" I.D. x 67.13" H	48" I.D. x 67.13" H x 165" Lg.
Working Pressure (psig)	5,000	
Design Pressure (PSIG)	5,500	
Weight (lbs)	~8,600	~25,800

Cobey Energy supplies and manufactures a full complement of CNG filling station components, including:

- ❖ Natural Gas desiccant dryers
 - Non-regenerative single vessel
 - Manual regenerative, single & dual vessel
 - Auto regenerative, single & dual vessel
- ❖ CNG compressor modules
 - 20-3000+ scfm
- ❖ Priority Fill Panels
- ❖ CNG fuel dispensers
 - Fast fill
 - Time fill posts