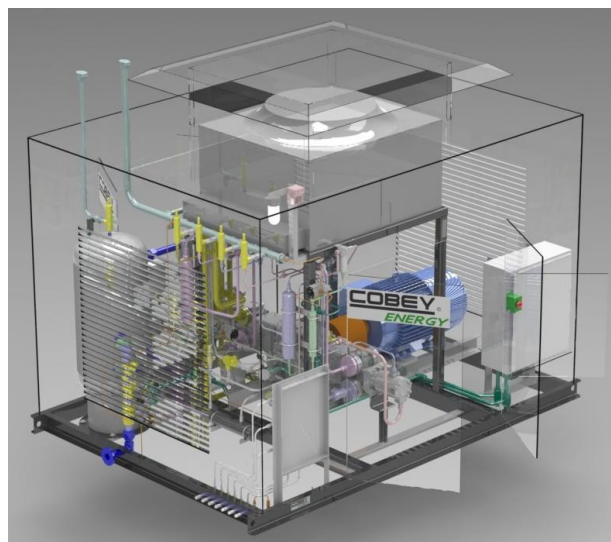


Cobey Energy, located in Buffalo, NY is a premier equipment packager specializing in gas compression. Every unit is designed with maintainability and reliability at the forefront. Simplicity of operating a Cobey Energy CNG compressor is paramount and considered in every design. Custom engineered designs are available to meet your unique site requirements.

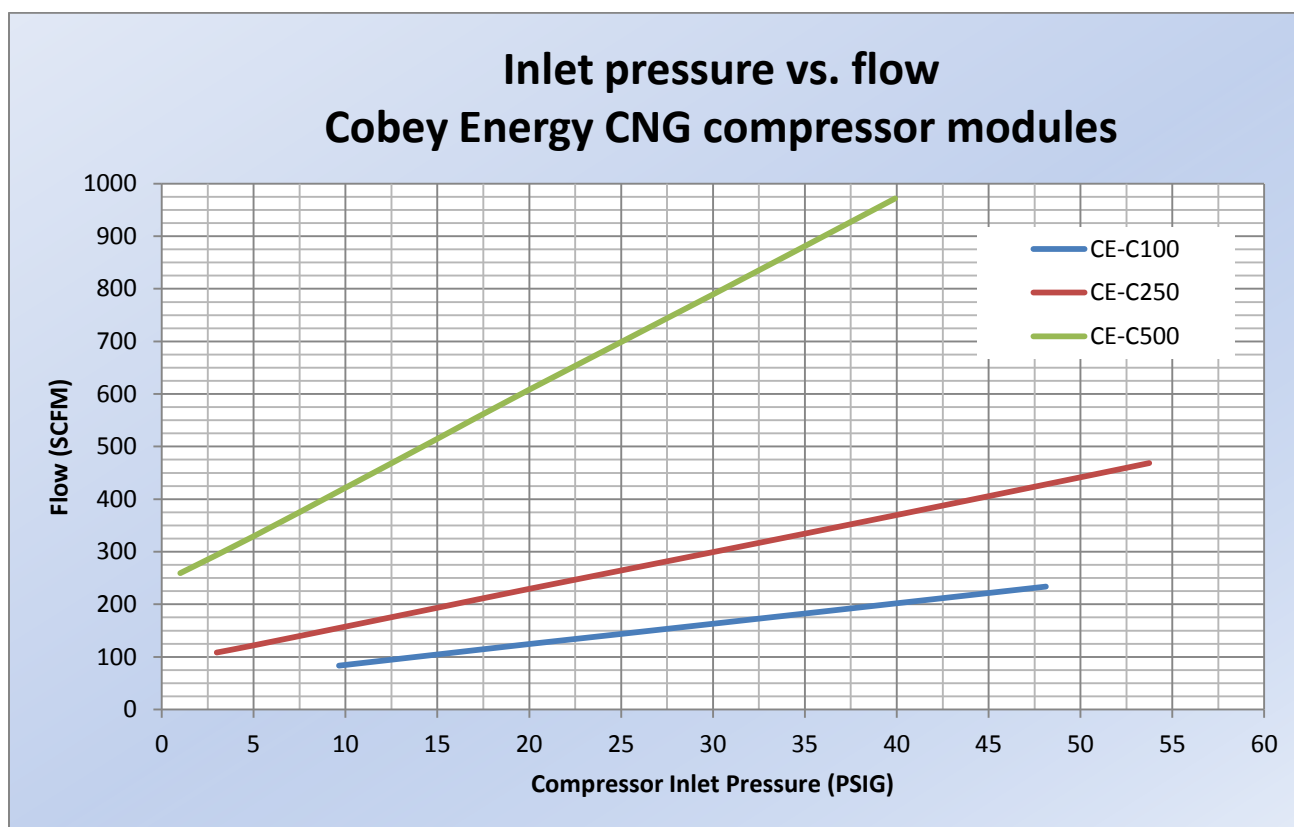
Cobey Energy's CNG compressor module is built to the highest standards and is designed to meet or exceed NFPA 52 & 30A, SAE J1616 and ASME Section VIII, Div. 1

Cobey Energy CNG Compressor standard offerings include:

- ❖ 4 Stage GE Oil & Gas HSR Reciprocating Compressor
 - Horizontal balance opposed design
 - Oil injected cylinder lubrication
 - Direct coupled to motor
 - Main drive motor
 - ❖ Air cooled gas cooler
 - Fin / tube design
 - 4 stages of gas cooling
 - ❖ Lube oil system
 - Main and auxiliary lube oil pumps
 - Lube oil filter
 - Oil Cooler
 - Startup pre-lube and warm oil circulation for cold climate startup
 - Constant oil level device with 5 Gal. supply tank
 - ❖ Gas / oil recovery system
 - Blowdown vessel with level indicator and drain
 - Oil separation vessels
 - Final discharge oil coalescing filter
 - Automatic sequencing recovery valves
 - ❖ Compressor Control Panel
 - 10" color touch screen (HMI)
 - Push button emergency stop switch
 - Modbus RS232/485/USB/Ethernet
 - ❖ Motor Control Center
 - Supplied loose, to be remotely located
 - Includes: Motor soft starter for compressor, accessory motor starters and breakers.
 - ❖ Automatic inlet isolation valve
 - ❖ Manual isolation valves for inlet and discharge
 - ❖ Pressure regulating valve
 - ❖ Nitrogen connection for system startup
 - ❖ Interstage and vessel pressure relief valves
 - ❖ Instrumentation for interstage temperature and inlet/outlet pressures
 - ❖ All electrical components designed for Class 1, Div 2, Grp. D service
 - ❖ Gas piping, tubing and electrical interconnections located within enclosure and secured
 - ❖ Installation, operation, maintenance manuals included
- ❖ Priority fill system
 - Panel Mounted Configuration
 - Filling Priority: Direct fill, Bank 3, Bank 2 & Bank 1
 - Liquid filled pressure gauges for each storage bank
 - ❖ Weather / sound enclosure
 - Two 6' wide access doorways
 - Access door to control panel
 - Rain hood over gas cooler
 - Inlet ventilation louvers
 - Methane detector
 - Interior lighting



	CE-C100	CE-C250	CE-C500
HP	100	200	400
Flow Range (scfm)	91 - 234	108 - 468	259 - 958
Inlet Pressure Range (psig)	11.5 – 48	3 – 54	1 -39
Outlet Pressure (psig)	4,500		
Electrical Requirements	480V / 60hz / 3ph & 120V/ 60 Hz / 1ph		
Weight (lbs)	~14,000	~15,000	~20,000
Dimensions (L x W X H)	12'8" x 9' x 10'	12'8" x 9' x 10'	15'8" x 9' x 10'



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 vessel
 - Manual regenerative, dual vessel
 - Auto regenerative, single vessel
 - Auto regenerative, dual vessel
 - ❖ ASME Section VIII, Div 1 storage spheres
 - 48" ID – 11,993 scf capacity ea.
 - ❖ ASME storage tubes
 - 23' lg. – 12,207 scf capacity ea.
 - 11.5' lg. – 5,711 scf capacity ea.
 - ❖ CNG fuel dispensers
 - Fast fill
 - Time fill posts
 - Pay at the pump functionality
- Available compressor options:
- ❖ Natural gas engine drive
 - ❖ Variety of custom configured units