



The Future Is **NOW!**



***“Galileo’s entry into the U.S. market
will revolutionize CNG fueling”***

GALILEO
Natural Gas Technologies.



Riverside California CNG Station

"CNG station in a box"

For the past 30 years Galileo has been changing the way people around the world think about CNG refueling. Now, Galileo's innovative fueling system is available in the United States. The Galileo station at 3096 Cottage Avenue in Riverside, California provides a side by side comparison of old vs. new technology. The new station provides over 4 times the flow of the old station with the same inlet pressure and power.



New Galileo CNG compressor system being placed.



Microbox is easy to maneuver and needs very little space.



Galileo Microbox Compression System.



Old CNG compressor footprint.



New CNG compressor footprint.

CASE STUDY

Old System vs. New System

Flow: 153 SCFM	Flow: 613 SCFM
6 large storage bottles take up space	Buffer storage included inside the cabinet
No monitoring system	Sophisticated remote monitoring alert system
Over 200db	Approximately 75db

Galileo's Enersave system reduces operating costs by controlling energy use. The smart software controls the variable speed motor to avoid electrical demand peaks and even "learns" the compressor's daily duty cycle to anticipate fueling needs.

The natural gas is cooled at each stage of the compression cycle. The cooled gas goes directly to the dispenser, and provides a full "fill" regardless of ambient temperature.

Microbox[®] Includes:

- ◆ Suction & Blow Down
- ◆ Explosion-Proof Compressor Cabinet
- ◆ Electrical Control Panel
- ◆ 11,290 SCF Buffer Storage at 4500 psi
- ◆ Active Safety Systems
- ◆ Compressor Driven Electric Motor (Direct Coupling)
- ◆ Touch Screen Control Panel & Modem Data Transmission
- ◆ Explosive Atmosphere Detection Systems
- ◆ Fire Extinguishing Systems
- ◆ Inter-Stage Air Cooling
- ◆ Inter-Stage Pulse Damping System
- ◆ Inter-Stage Hydrate Purge System
- ◆ Gas Detection & Shut Off



The Galileo Advantage

OVER TRADITIONAL CNG COMPRESSION SYSTEMS

	Traditional Systems	Galileo	Average Reduction In Costs
Hardware	Large Amount of Storage. Low Flow	Minumum Storage High Flow	15%
Installation	Multiple Interconnected Components	CNG Station in a Box	30%
Operational Costs	Soft Starter (some compressors) Compressor derived from oil compressor technology	<ul style="list-style-type: none"> • Soft Starter • Energy Efficient • Compressor Designed Exclusively for CNG Applications 	40%
Safety	No Cabinet. Open to Atmosphere & Elements	Explosion Proof & Protected Cabinet	Priceless
Service	Varies	Manufacturer's service available nationwide	50%
Noise	150db	75db	Half
Vibration	High Levels of Vibration - Higher Maintenance Costs	No vibration -- lower maintenance costs	No Related Maintenance Repair
Average OM	5000 Hours	8000 Hours	
Running Time	High Low SCFM	Lower than traditional systems High SCFM	
Operating RPM	High	Low	



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