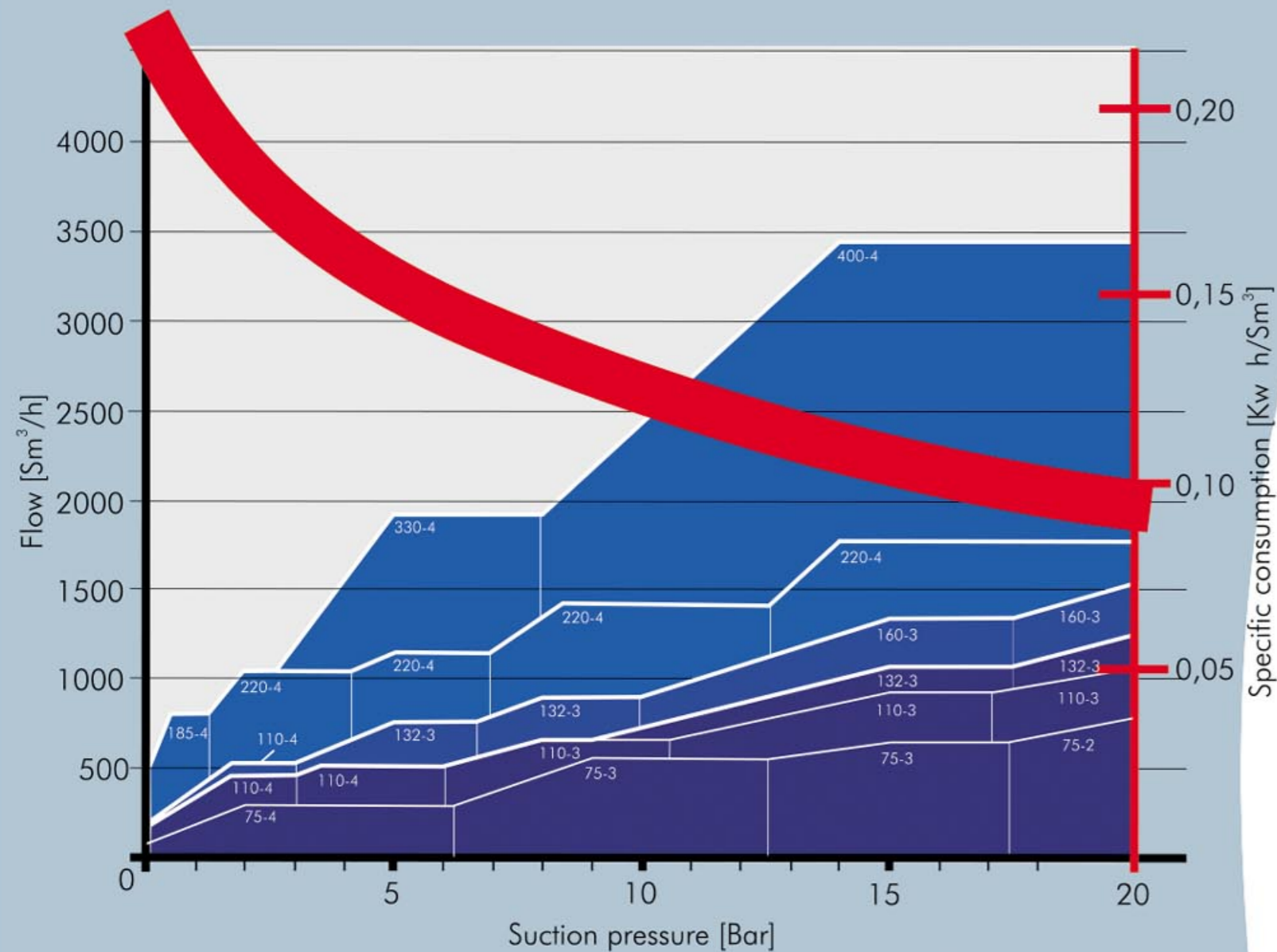
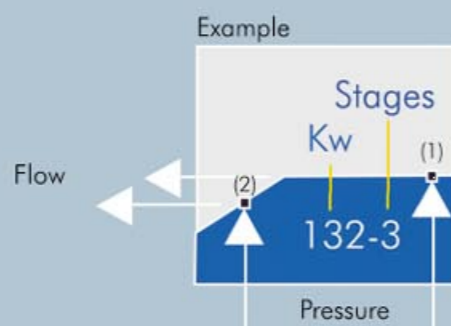


Performance Curves

These curves refer to the flows typically used in CNG stations.



Specific consumption: [Kw h/Sm³]



Note: For special flows, please contact GNC Galileo.

Microbox & Microskid

General characteristics and comparison to other compression systems.

Description	Microbox®	Microskid®	Traditional compressors
Inlet gas measuring system with pulse damping and filtering system.	✓	-	-
Explosion-proof compression cabinet.	✓	-	-
Built-in power and control board in the compression unit.	✓	-	-
Automatic fire extinction system.	✓	-	-
Automatic gas leakage detection system.	✓	✓	-
Soundproofing system.	✓	✓	-
Automatic inlet and outlet gas shutoff system.	✓	Optional	-
Remote Telecontrol system.	✓	✓	-
Built-in storage.	✓	✓	-
PLC-controlled door opening.	✓	-	-
Compression standard automated control system.	✓	✓	-
Explosion-proof internal lighting.	✓	✓	-
Automated load priority control system.	✓	✓	-
Motor compressor direct coupling.	✓	✓	-



Compression Systems

Natural Gas Technologies



Factory and commercial offices
 Av. Gral. Paz 265 Sáenz Peña Province of Buenos Aires. Zip code: B1674AOA
 Phone: (+54-11) 4712-6002; Fax #: (54-11) 4712-6003
 info@galileoar.com

www.galileoar.com

> English



Compression Systems **Microbox®**

Microbox is Galileo's original and exclusive line of "Plug-and-Play" CNG refueling stations.

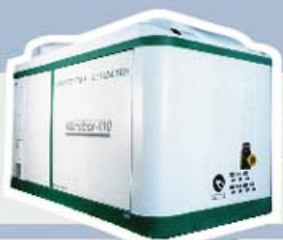
This enclosed, explosion proof module, saves major construction costs and delays, characteristic of other designs. Start up of this unit, only requires connection to utility services.

Its compact design, portability and simple reconnection, facilitates eventual expansion, relocation and financing of this equipment.

Microbox contains all components required to regulate, measure, compress and deliver CNG in the safest and most effective manner. Capacity utilization, efficiency, reliability and ease of operation are unmatched in the industry.

MICROBOX® includes:

- Gas Inlet Measuring System
- Suction Blow down
- Ariel Compressor (API-11P)
- Explosion-proof compressor cabinet
- Electric Control Panel
- Built in Storage at 250 bar
- Active safety systems
- Priority Panel
- Compressor driven electric motor (direct coupling)
- Touch-screen control panel and modem data transmission
- Explosive atmosphere detection systems
- Fire extinction systems



Where electricity is expensive or unavailable, **Microbox®** with a gas motor is the proper solution.



1. Less space required

Due to its design, small size, and as it does not require a surrounding bunker installation, **Microbox®** significantly reduces the space required.



2. Plug & Play

As it includes all the elements required for a correct, full, quick, and safe CNG installation, **MICROBOX®** is easy to set up. The absence of additional civil and electromechanical works significantly reduces installation expenses. **MICROBOX®** doesn't need:

- Bunker construction
- Explosion-proof electric installation
- Emergency device switch layout
- External storage
- External blow down
- Anti-vibration base
- Electromechanical work



3. Performance

Galileo's compressors incomparable performance, reliability and low operating costs, allow flows ranging from 300 Sm³/h to over 3,000 Sm³/h, using a single unit.



4. Supply pressure

The wide range of available compressors allows working with inlet pressures ranging from 0.5 bar to 60 bar, thus ensuring the station's required flow.



5. Enersave® electric consumption

The cost of electric energy is one of the most important variables of a CNG station. The station profit depends on the hired power and the consumed energy.

Enersave® adds up to the compressors' operating efficiency. It is a smart system developed by Galileo through which the compressor adjusts its operating consumption based on the demand curve during the day. This results in up to 50% electric consumption savings.

Likewise, **Enersave®** is applicable to gas motor driven units.

Enersave®: intelligence applied to business optimization.



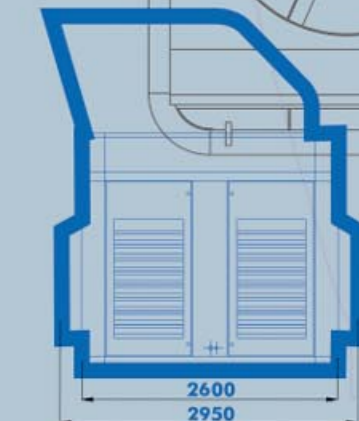
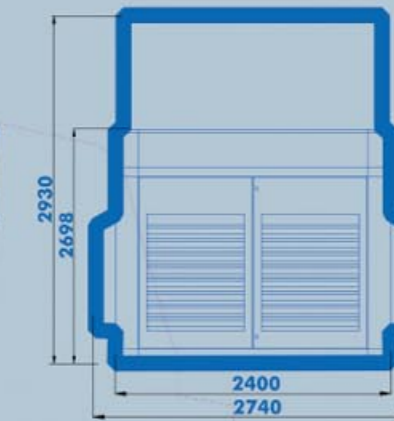
6. Satisfied customers

All the competitive advantages of Galileo equipment ensure customer satisfaction, thus resulting in the station profitability.

Microskid®

Microskid®

This compact compression system is the recommended choice in those cases where regulations do not require explosion-proof bunkers, or when the existing installations have to be replaced.



Telecontrol: both models can be remotely controlled through a simple Internet connection. This allows Galileo Technical Service to access the equipment standards for control or change as per the customers' needs, thus preventing technicians' traveling delays.

Maintenance: the renowned reliability of this equipment, in addition to the Telecontrol system, minimizes its maintenance costs.

Relocation: Microbox and Microskid modularity and plug & play features enables their easy relocation compared to traditional installations.



Both **MICROBOX** and **MICROSKID** are equipped with **ARIEL** compressors (Standard API-11P) world famous for their outstanding performance, reliability and low operating costs.

