

Ficha Técnica



Encore

 **VEEDER-ROOT**

 **RED JACKET**

 **CATLOW**

 **DOMS**

 **INSITE360**

 **GASBOY**



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www.sdm.pe

SDM
Soluciones De Mercado

DISTRIBUIDOR OFICIAL

SK700-II CNG

Quality
Engineering

Proven
Performance

High quality CNG dispensers

Field proven design for the highest safety and performance.

Why Gilbarco Veeder-Root CNG?

CNG is clean, affordable and abundant in nature. As one of the most environmentally friendly fuels available CNG's popularity is growing fast. Across Europe there are currently more than 1.2 million natural gas vehicles supplied by more than 3,400 refuelling stations with numbers increasing rapidly.

With a breadth of installations in the field, the modular SK700-II CNG dispenser range is designed for the highest safety, reliability and performance. It will fit seamlessly with the rest of the solutions and systems on your forecourt.

Unique Offering

The unique SK700-II CNG Combi allows you to deliver CNG alongside other fuels, including LPG from the same dispenser.

Flexible

The SK700-II CNG dispensers are fast and accurate, for both PN 250 and PN 300 inlet pressure, compatible with Biogas, configurable for car and bus applications and with all standard POS protocols.

Safe

SK700-II CNG dispensers are fully approved and designed to exceed safety and environmental standards without compromising with reliability and conformity.

Alternative Fuels Dispensers Adapted to Fit Your Needs

The full SK700-II CNG range

A flexible range of SK700-II CNG configurations, comprising dispensers for standalone use, with single and double hose column or uniquely fully integrated with other fuel grades including LPG.

SK700-II CNG Standalone

Compact and Robust

Single and dual
solution for line
oriented dispensing



SK700-II CNG Standalone Twin

Double Hose Column

Combine NGV1 and
NGV2 side by side in
a single dispenser



SK700-II CNG Combi

Unique and Flexible

Combine CNG with
up to four other
fuel grades,
including LPG



The SK700-II CNG range provides a wide selection of options, such as standard POS protocols and Emergency Shut Down system.

The SK700-II CNG is one of the many modular designs of the SK700-II series, so it fits seamlessly with the rest of the systems and solutions on your forecourt.

Designed for safety and performance

NGV1 and NGV2 applications



Technical specifications

Hydraulics

- > Coriolis type mass flow meters
- > 250 bar or 300 bar inlet pressure
- > Temperature compensated filling procedure
- > External and internal sequencing
- > Electronically controlled sequencing
- > Solenoid valves

Mechanical

- > Housing - powder coated steel
- > Hose management - internal with retraction
- > Twin hose line with re-connectable breakaways
- > Refuelling nozzles: NGV1 and NGV2, TK16, TK17, TK26
- > Refuelling hose: 3/8" (cars), 1/2" (buses)
- > Foundation frame

Electronics

- > Calculator - Gilbarco® Sandpiper II
- > LCD display (back lit)
- > Interfaces - 2-wire, IFSF-LON, ATCL, PUMA
- > Start - Stop button, Dead man push button

Options

- > Safety device to avoid escape of CNG after accident
- > Leak tightness test at different pressures
- > Remote monitoring interface
- > Housing - stainless steel
- > Emergency Shut Down (ESD) system
- > Emergency Signal
- > E&H meter DN 25 (for pure bus applications)
- > Mandatory country options

The full SK700-II Alternative Fuels range

A complete range of SK700-II configurations for Alternative Fuels dispensing, all of which are compatible with a wide selection of options — so there is a solution to suit any forecourt.

SK700-II AdBlue®
Fail Safe Filling



SK700-II LPG™
Easy LPG Solutions



SK700-II CNG
Quality Engineering



SK700-II Biodiesel and E85
Designed for Biofuels



Thanks to Gilbarco Veeder-Root's SK700-II range for Alternative Fuels LPG, AdBlue®, CNG, Biodiesel and E85 are now easy to integrate into your forecourt.

With these configurations it is now possible to deliver Alternative Fuels alongside other fuel grades from the same dispenser.

The SK700-II range for Alternative Fuels allows you to maintain a uniform image across your alternative and conventional fuel dispensers. Combine the SK700-II dispensers with the power of Red Jacket submersible pumps, TLS tank gauging and FlexPay™ payment into a seamless fuel retailing solution. The safety, efficiency and reliability offered by Gilbarco Veeder-Root's robust, low maintenance products will continue to keep your site up and running.

Alternative Fuels Dispensers Adapted to Fit Your Needs

Gilbarco Veeder-Root Products

Gilbarco Veeder-Root is the largest supplier in the world representing the leading brands of solutions and technologies that provides convenience, control and environmental integrity to retail fuelling and adjacent markets. Gilbarco Veeder-Root is the only manufacturer that can provide all your fuel forecourt solutions.

Pumps & Dispensers

Designed to be at the core of retail forecourt solutions centering on quality and innovation, Gilbarco Veeder-Root's broad portfolio of pumps and dispensers are proven to deliver profitability for our customers today and tomorrow.



Automatic Tank Gauging

Innovative tank monitoring and loss detection to automate wet stock management, environmental control and risk management across the network and allow centralised data management to optimise operational profitability.



FlexPay B2B

Secure and flexible payment solutions to create new business at the pump.



Retail Solutions

The leading provider of solutions and tools to support fuel retailers in improving profits and preparing business for tomorrow's challenges.



Submersible Pumps

The most efficient way to pump fuel on a forecourt; consistent flow rates, no vapour lock and minimal maintenance.



Forecourt Solutions

Combine POS and forecourt equipment of any make or brand for efficient control and management of your petrol station forecourt.



For more information contact us at:

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or visit: www.gilbarco.eu | www.gilbarco.eu/cng

Compact

**GILBARCO
VEEDER-ROOT**
Alternative Fuels



Robust

SK700-II CNG Standalone

Why SK700-II CNG Standalone?

The compact design means that the SK700-II CNG Standalone can be accommodated on any forecourt, with a flexible configuration allowing a single or double hose column for line oriented dispensing. It is the most robust dispenser on the market, made from highest quality materials to withstand corrosion and damage.

Key features



Lane Orientation



250 bar or 300 bar inlet pressure

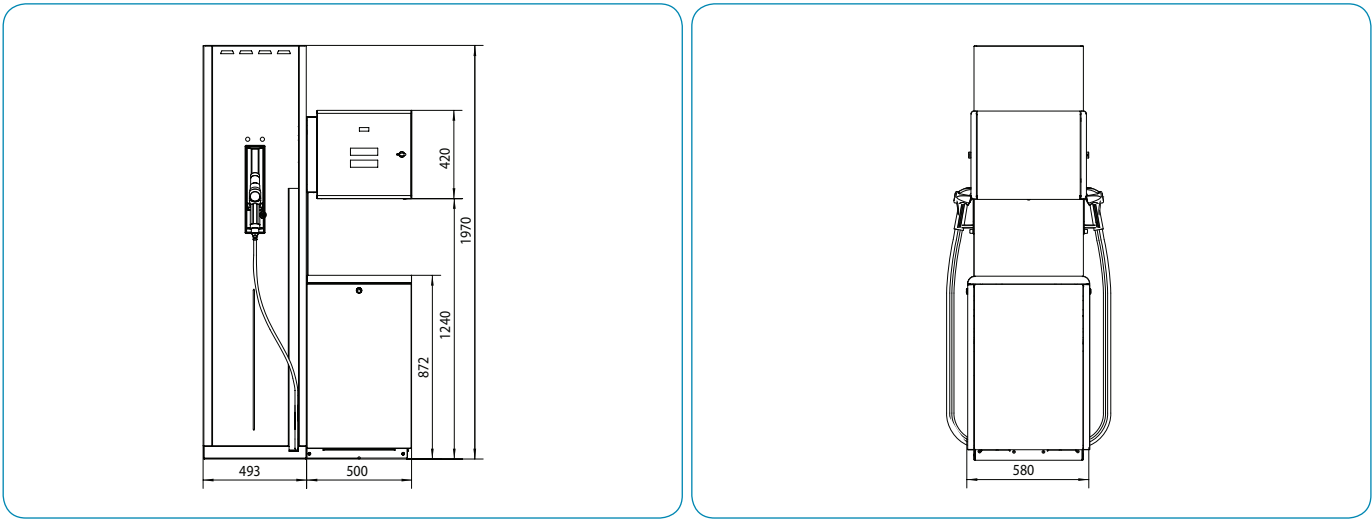


NGV1 or NGV2



Biogas compatible

Product Specifications



Technical Specifications		
Standard Features		
Hydraulics > Coriolis type mass flow meters > 250 bar or 300 bar inlet pressure > Temperature compensated filling procedure > External and internal sequencing > Electronically controlled sequencing > Solenoid valves Electronics > Calculator - Gilbarco® Sandpiper-II > LCD display (back lit) > Interfaces - 2-wire, IFSF-LON, ATCL, PUMA LAN > Start - Stop button, Dead man push button	Mechanical > Housing - powder coated steel > Hose management - internal hose connection with retraction > Twin hose line with reconnectable breakaways > Refuelling nozzles: NGV1 and NGV2, TK16, TK17, TK26 > Refuelling hose: 3/8" (cars), 1/2" (buses) > Foundation frame	Technical Characteristics and Performance > Ambient temperature range -20°C to +40°C > Accuracy +/- 1.5% > Refill duration (standard vehicle) ≤ 3 min > Power supply: 230V > Factory tested > EC marked > Approvals: ATEX, PED, PTB, G651 > Country specific weights and measures upon request
Options		
> Interfaces - ER3 and Impuls (multiwire) > Safety device to avoid escape of CNG after accident > Leak tightness test at different pressures > Remote monitoring interface > Housing - stainless steel	> Emergency Shut Down (ESD) system > Emergency Signal > E&H meter DN 25 (for pure bus applications) > Mandatory country options	

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Double Hose Column



SK700-II CNG Standalone Twin

Why SK700-II CNG Standalone Twin?

The SK700-II CNG Twin double hose column is a versatile dispenser which allows car and bus filling side by side delivered from the same unit. Its robust design provides any forecourt with a dependable dispensing solution.

Key features



Lane Orientation



250 bar or 300 bar inlet pressure

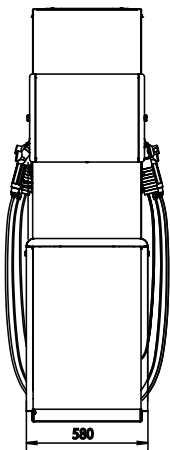
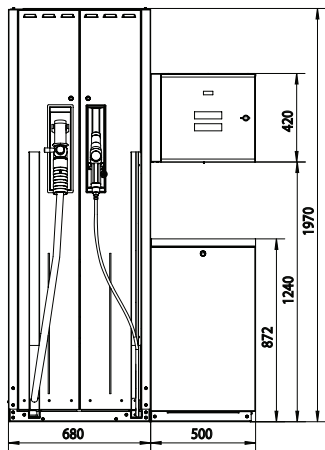


NGV1 or NGV2



Biogas compatible

Product Specifications



Technical Specifications		
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Unique



Flexible

SK700-II CNG Combi

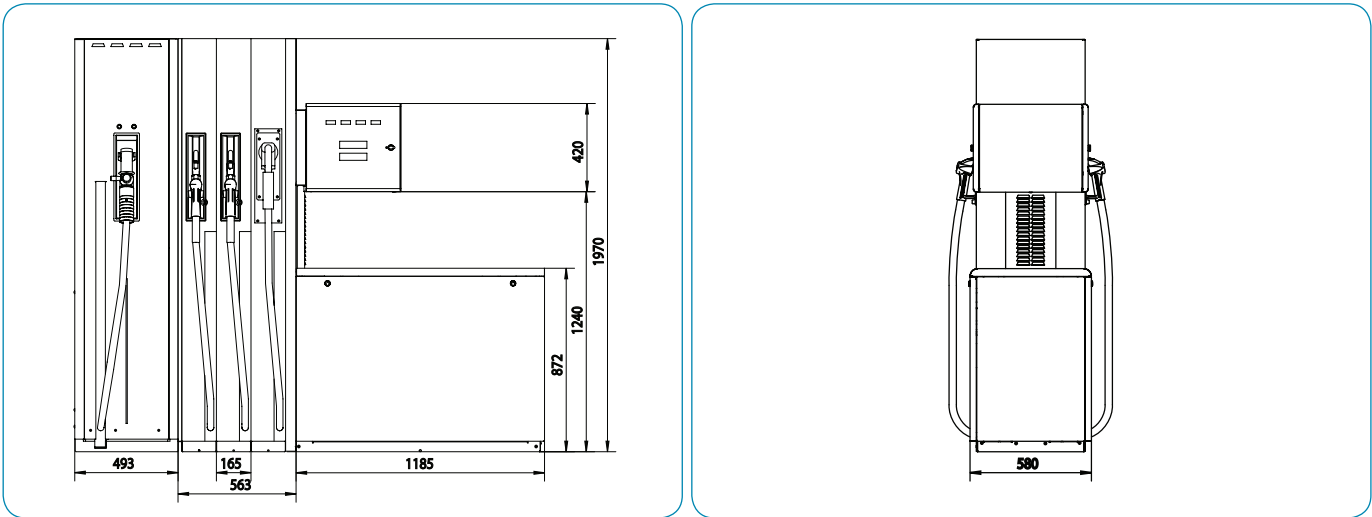
Why SK700-II CNG Combi?

The SK700-II CNG Combi fits seamlessly with the rest of the systems and solutions on your forecourt. Its unique offering is compatible with LPG grades alongside standard fuel options, Biogas, and is configurable for car and bus applications. The SK700-II CNG Combi is approved and designed to exceed safety and environmental standards without compromising with reliability and conformity.

Key features

-  CNG plus up to four other fuel grades
-  250 bar or 300 bar inlet pressure
-  LPG and Biogas compatible
-  NGV1 or NGV2

Product Specifications



Technical Specifications

Standard Features		
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