



CNG Refueling Solutions

CNG/RNG Dispensing System

For safe, effective, and fast refueling of natural gas powered vehicles.



RNG/CNG Dispensing System

Part of our modular natural gas refueling station solution, our industry leading dispenser technology offers the reliability, scalability, and performance for a seamless and safe CNG or RNG fueling experience.

YOUR DISPENSER, YOUR WAY

Safe, Fast, and Complete Fill

Optimized, electronically controlled filling system with temperature-compensated fill rate. Enhanced safety ensured by positive shut-off ball valves equipped with hydrocarbon and motion sensors.

Seamless Integration

Ties to your existing forecourt controller — minimizes impact to your site payment network and saves the cost of a separate POS system.

Remote Connectivity

Connects to ANGI compression system for three tiers of remote monitoring and configuration, boosting site uptime with enhanced connectivity.

Familiar Interface

Increase throughput, streamline transactions, shorten wait time, and enhance your customer's experience with Encore's familiar interface and intuitive design. Available in 1-sided or 2-sided models.

Maximum Flexibility

Configurable for 3-Bank or Direct-fill site configurations. One dispenser for hi-flow and standard flow applications — fill cars or busses from the same dispenser and increase throughput for your site.



1 Integrated payment terminal
Optional payment terminal with color display.

2 Modern display
Large multimedia screen displaying prices, masses and instructional video content.

3 Customizable branding
Imaged panels available to increase brand awareness.

4 Configurable solution
To support your fleet or retail applications.

TECHNICAL SPECIFICATIONS

STANDARD FEATURES:	
DESIGN	Configurable single- and dual-sided units, 1 hose per side or 2 hoses per side
PRESSURE	Service pressure: 3600 psi / design pressure: 5500 psi
TEMPERATURE COMPENSATION	Temperature compensated to 70°f
COMMUNICATION	Standard 2-wire and Gilbarco POS/CRIND protocols. Spare RS-485 serial ports support standard protocols available for SCADA connections
INLETS	Up to (3) 1" inlet gas connections
INTERNAL TUBING	Minimum 1" internal tubing – stainless steel
METER TECHNOLOGY	Coriolis mass flow, 1 per side; accuracy = +/- 1.5%
DISPLAYS	Large backlit LCD main display for total sale, GGE volume. Price per unit and fill pressure displays
FILTRATION	In-cabinet coalescing filters. Standard flow filters for applications with car fueling. Optional filters for high-flow applications with busses and trucks available
DISPENSER CONNECTIONS	3/4" SAE for gas, 1" tube for vent, 3/4" JIC for supply hose, 1/2" JIC for vent hose
CONTROLS & VALVES	External manual hose shutoff valve Internal pneumatic actuated ball valves Internal liquid filled pressure gauge Pressure relief valve, opens at 4500 psig Standard 1" vent line through pit. Alternative vent through canopy available
OPERATING ENVIRONMENT	Temp range = -40°f (-40c) to 140°f (60c) Humidity = 20-95% rh (non-condensing)
SAFETY SYSTEM	Purgefan: not required. Gas detection system for electronic cabinet protection. 40% LEL rated External indicator capable for alarm system set-up Dispenser activation – push to start/push to stop Impact sensor (tilt switch is a standard safety feature)
VOLTAGE	(-)15% To (+)10% for 120v, 60hz for North America
DIMENSIONS	94.1"H x 44.8"W x 24"d column; 37.5" Between nozzle cradles
AVAILABLE OPTIONS	
USER INTERFACE	EMV ready card reader High speed usb printer Optional alphanumeric keypad Optional EMV ready contactless card reader Optional barcode reader Encrypted pin pad for retail debit applications 120 V heater option (required for 10.4" Display)
GRAPHICS	Customized, brand-centric graphic panels & custom graphics Brandview canopy Two-tone paint bezel with standard silver CIM area
HANGING HARDWARE	Optional hanging hardware available with 3/4" or 3/8" hose WEH 16, 17, 26 nozzles OPW CT1000 & CT5000 nozzles - 3/4" & 3/8" hose sizes *Kits include: hoses, nozzle and breakaways.
COMPLIANCE	
REGULATORY	NCWM Certificate of Conformance, MC (Measurement Canada), PCI Laboratory Certification, MET Laboratory Approval, FCC (Class A or B), CSA ANSI/IAS NGV4.1 Dispensing Systems, NFPA 52 Compressed NGV Fuel Systems, NFPA 70, ASME B31.3
WARRANTY	ANGI Standard 1-Year – Labor not included.

ANGI IN PARTNERSHIP WITH GILBARCO VEEDER-ROOT

Our mission is to build cleaner, more sustainable mobility of the future. Our commitment is to supply the world with the infrastructure needed to accelerate the transition to a zero-carbon future is brought to you by two industry leaders in global mobility.

VONTIER
ENABLING THE WAY THE WORLD MOVES™



40 years' experience in the design and manufacture of full-site solutions for compressed gases, including CNG, biogas, and hydrogen.





150+ years' experience in refueling station technologies and services throughout the world.

**Part of the Vontier group of businesses
united by a powerful purpose: mobilizing
the future to create a better world.**

Ready to fuel the world ahead?

Speak to our dedicated CNG solution specialists

 angienergy.com
 sales@angienergy.com



Fuel for the world ahead