

NATURAL GAS FOR VEHICLES

FUEL FOR THE WORLD AHEAD.



SINCE 1983,

WE HAVE GROWN TO BE NORTH AMERICA'S LEADING SUPPLIER OF CNG REFUELING EQUIPMENT FOR NATURAL GAS VEHICLES BY PROVIDING RELIABLE AND INNOVATIVE SYSTEMS.

WE DELIVER LEADING EDGE CNG EQUIPMENT WITH THE LOWEST OVERALL LIFE CYCLE COSTS AND HAVE A LONG-STANDING REPUTATION AS A LEADER IN THE HIGH PRESSURE COMPRESSION INDUSTRY. ANGI PROVIDES SUPERIOR CUSTOMER SERVICE, PROJECT MANAGEMENT, MAINTENANCE, AND TRAINING PROGRAMS THAT ENSURE THE SUCCESS OF A PROJECT.

ANGI TECHNICAL SERVICES

ANGI Application Engineers provide our customers with research and design support to supply CNG equipment that meets current and future fueling needs. CNG stations have dynamic fueling requirements; evaluating and determining the correct equipment design for each specific site is critical. Project Managers assist with site design, technical information, and support through the entire production process. ANGI will provide innovative fueling solutions that are as unique as your project.



ADVANCED DISPOSAL | Augusta, Georgia

ENGINEERING SERVICES

- > Specification Development
- > Custom Packaging Solutions
- > Project Management
- > Site Integration and Construction Design
- > Coordination of Commissioning
- > Comprehensive Factory and Field Testing
- > Fleet Fueling Demand and Operational Costs Analysis





ALL SYSTEMS CNG

ANGI Energy Systems is a North American company that designs and manufactures systems for compressed natural gas (CNG) vehicle fueling and tube trailer transport in applications around the world. Natural gas fueling equipment is our core business. We provide a specialized team of sales, project management, engineering, and field support experts who work with each customer to analyze their unique fueling needs, supply complete fueling solutions, and coordinate to required standards and codes. We strive to provide a complete and optimized natural gas refueling system solution for each customer.



COMPRESSOR SERIES

ANGI offers a wide range of compressor systems that feature modular design for site integration. Sound attenuated enclosures are available for outdoor weatherproof protection. Integrated systems can include the inlet gas dryer, storage, and priority panel mounted on the compressor skid. We provide a common method of measurement below in Gasoline Gallon Equivalent (GGE) and Liter Gasoline Equivalent (LGE).



NG50

- > 0.4 GGE/min to 0.6 GGE/min (1.5 LGE/min to 2.3 LGE/min)
- > Electric motor driven
- > ANGI model 50 compressor/ 4 stages
- > Compact and/or integrated skid design



NG300

- > Up to 8 GGE/min (30.2 LGE/min) for typical inlet pressures
- > Up to 17 GGE/min (63.5 LGE/min) for higher inlet pressure
- > Electric motor or natural gas engine driven
- > Ariel compressor available in 2, 3, or 4 stages
- > Conventional, mother/daughter station, tube trailer, or integrated designs

ANGI BUILDS UL & MET LABORATORIES, INC. LISTED ELECTRICAL PANELS FOR HAZARDOUS LOCATIONS.

Our standard compressor packages and dispensers have MET certification. We are NRTL factory certified and listed for the following in the United States and Canada:

- > UL – NNNY Industrial control panels for hazardous locations
- > MET – NFPA-52 & 70, ANSI/ IAS NGV 4.1 & 8, CSA 12.5 & 8 for natural gas dispensers and compressors and UL508A & UL698A for control panels



NG300 Duplex

- > Up to 16 GGE/min (60.4 LGE/min) for typical inlet pressures
- > Up to 34 GGE/min (127 LGE/min) for higher inlet pressures
- > Electric motor driven
- > Ariel compressors available in 2, 3, or 4 stages
- > Conventional, mother/daughter station, tube trailer, or integrated designs



NG600

- > Up to 24 GGE/min (90.7 LGE/min)
- > Electric motor or natural gas engine driven
- > Ariel compressor available in 3, 4, or 5 stages
- > Conventional, mother station, tube trailer, or integrated designs



NG900

- > Up to 32 GGE/min (121 LGE/min)
- > Electric motor or natural gas engine driven
- > Ariel compressor available in 3, 4, or 5 stages
- > Conventional, mother station, tube trailer, or integrated designs

SYSTEM COMPONENTS

ANGI supplies all of the components required for refueling CNG vehicles. This equipment ranges from standard products that ANGI provides around the world to highly specialized custom designs for specific customer needs.



DISPENSING PRODUCTS

ANGI offers various high quality dispensing options for single or dual hose applications. The dispenser's software provides independent sequence functions for each hose, large LCD display of volume and costing, and an easy-to-use operator interface keypad.

FEATURES:

- > Single and dual hose designs
- > One, two, or three bank sequencing
- > Coriolis mass flow metering
- > Internal microprocessor controller
- > Electronic temperature compensation
- > NGV1 Type 1 or Type 2 nozzles
- > Certified for Weights and Measures
- > High flow transit or fleet/transit dispensers available



TIME FILL DISPENSERS

Time fill allows fleet vehicles to conveniently refuel overnight or when the vehicles are not in use. This is a cost effective fueling option.

FEATURES:

- > Up to four hose configurations per post
- > Temperature compensated fills
- > Electronically controlled time fill panel



INLET GAS DRYERS

- > Standard and custom designs
- > Dew-point detection available
- > Regenerating and non-regenerating
- > Manual and fully automatic regeneration

VALVE PANELS

- > Electronic or pneumatic controls
- > Integrated ESD valves
- > Custom designs



STORAGE VESSELS

- > ASME vessels
- > Various configurations and vessel sizes available
- > Designed for seismic applications



SYSTEM CONTROLS

- > Distributed control systems
- > Programmable Logic Controller (PLC) and embedded system designs
- > Pre-engineered unit and master control panels
- > Remote communication and monitoring
- > SCADA design
- > High degree of connectivity with SCADA systems
- > UL listed for hazardous locations
- > Developed and supported by our in-house design team



PROUD PACKAGER OF
ARIEL COMPRESSORS

ARIEL CORPORATION is the largest manufacturer of gas compressors in the world, and sets the standard in quality, reliability, and customer support. Ariel has built a reputation for safe, rugged, and long-lasting compressors and cylinders. Ariel's CNG compressors are based on the same designs that are used in field gas, process and transmission services, and are built to run 24 hours a day, 365 days a year.



TESTING FACILITY

ANGI's state of the art test facility allows us to run all equipment at design capacity to validate customer specifications.

FEATURES:

- 6,500 square feet with 5 testing bays
- High flow recirculation loop capable of testing to full operating flow and pressure
- Test range of 40 hp to 900 hp with 1600 amps of power available



ANGI EQUIPMENT & INSTALLATIONS WORLD WIDE



MADE WITH PRIDE IN THE USA.



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