



World Leader in Natural Gas Refueling Systems

Vehicle Refueling Appliance Models VRA

BRC FuelMaker's full line of Vehicle Refueling Appliances (VRA) provide an economical and convenient way to refuel natural gas vehicles used on the road, in the plant or on the ice rink. Five models are available, offering a wide range of refueling capabilities. All incorporate our proven and patented technologies. Individual models can be installed separately or together with other BRC FuelMaker VRAs and accessories to meet the refueling needs of specific applications.

Benefits

- ✓ Low capital cost allows fleets of any size to realize the convenience & economic benefits of on-site refueling.
- ✓ Proven reliability, with thousands of satisfied customers worldwide.
- ✓ Built-in performance monitoring & diagnostics.
- ✓ Modular design for easy field servicing.
- ✓ Oil-free compression delivers uncontaminated fuel to the vehicle.
- ✓ Simple, inexpensive installation and site permit requirements.
- ✓ Accommodates applications for time fill, fast fill or both.
- ✓ Indoor and outdoor refueling options.
- ✓ Quiet, automated and simple to operate.

Safety Features

- ✓ Certified as an appliance by the CSA and other leading agencies around the world.
- ✓ Automated shut off in the event of a leak, hose damage or in advertent drive away.
- ✓ Electronic self-diagnostics to constantly monitor the VRA's operation, such as inlet pressure, outlet pressure, operating temperature, running time and to automatically shut down the refueling process if any abnormalities or faults are detected.
- ✓ Automatic electronic ambient temperature/pressure compensation to prevent overfilling of vehicle cylinder.
- ✓ Many redundant electronic and mechanical measurement controls to ensure long period of safe, unattended, Reliable operation.

Simple Operation

Users of the BRC FuelMaker System will appreciate how easy it is to operate. Under the time fill method, initiating the refueling process is as simple as connecting the hose fill nozzle to the vehicle receptacle. A green light on the control panel indicates to the operator that the unit is functioning normally. From that point on, everything is automatic, including the shutdown of the system when the vehicle's fuel cylinder is full. At any time, the user can push the "Stop" button to interrupt the refueling process, if desired. Time fill refueling takes place overnight or any time the vehicle is not in use, completely unattended.

Fast Fill refueling can be accomplished by a fast fill storage system. In this application, any number of VRA's are Connected together to compress natural gas into a bank of storage cylinders, which is then dispensed to the vehicle. This allows most vehicle to be refueled in just a few minutes.



BRC FuelMaker Authorized & Factory Trained Distributor for Arizona and New Mexico-

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