

# POWERFILL™

## FUEL YOUR VEHICLES FASTER

WHILE MAXIMIZING YOUR ON-SITE STORAGE AND USING LESS HORSEPOWER!

Decrease your fill times significantly by maximizing your on-site fuel storage. J-W Power Company offers a new patented design that allows the compressor to change the number of stages dynamically to utilize high pressure from storage to yield a higher flow rate. It is available in two different models, PowerFill™ and PowerFill™ Lite.

### J-W PowerFill Compressor Packages

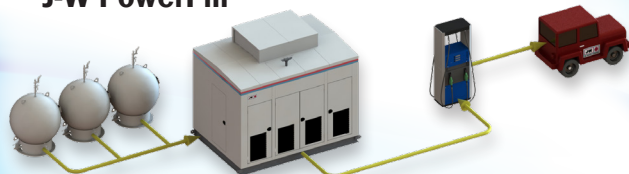
	J-W PowerFill	J-W PowerFill Lite
Horsepower	150HP	200HP
Inlet Pressure Range	30 - 70 psig	25 - 45 psig
Flow Range	229 scfm - 4,488 scfm	423 scfm - 857 scfm

Both options are designed in 4-stage/2-stage configurations. When in direct fill mode or when filling storage, both package designs function in 4-stage mode. As a vehicle is fueling, the package automatically switches to PowerFill mode (2-stage), increasing the flow rate by up to 10x. Storage is typically 30% usable, and with PowerFill, over 70% usage can be achieved!



**J-W POWER COMPANY**  
**CNG REFUELING SYSTEMS**

J-W PowerFill™



J-W Power Company is your single resource for all CNG refueling equipment, including compression, storage, dispensing, drying and controls. All of J-W Power Company packages are designed with state-of-the-art 3-D modeling software. Standard designs are available or custom-engineered packages can be built to your exact specifications.

- Standard package design utilizes Ariel compressor frames with electric motor drivers and 2000 Watt compressor oil heaters
- Packages meet NFPA 52, NEC and ASME Standards

#### Controls

- Allen Bradley MicroLogix Panel with RedLion HMI display
- Automatic PLC controls with auto start / auto stop
- Remote monitoring available

#### Motor Controls

- Motor Control Cabinet (customer-mounted in non-hazardous area) includes: Main motor soft start, cooler, pre-lube and heater contactors

#### Enclosures

- Sound attenuation and weather proof
- Heavy-duty lifting lugs
- Methane detector & interior lighting package

#### STORAGE

- Division II storage spheres (81GGE capacity)
- Standard 48" ID 5,500 MAWP@150 °F
- ASME Section 8, Division II, code stamped
- Drain and pressure safety valves
- Priority panels (½", ¾", and 1" panels) with or without slow fill options)
- Nitrogen Service Spheres available
- National Board Registered
- ASME CNG storage tubes

#### Dispensers

- Fast-Fill
- Slow-Fill
- Light-duty dispensers
- Transit dispenser
- Internal card readers
- Time Fill Posts
- Single, dual, triple and quad hose designs

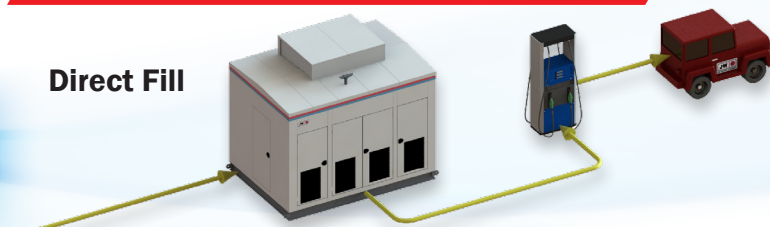
#### Dryers

- Multiple manufacturers' products offered
- Single and dual vessel options
- Regenerative and non-regenerative

#### Services

- Equipment Commissioning
- Equipment Orientation
- Start-Up Support
- Factory and Field Testing
- Maintenance Contracts
- Factory and Field Testing
- 24/7 availability

Direct Fill



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CNG