

# Cvi

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## WINDKIT

WIND TURBINE GENERATOR - HIGH PRESSURE SERVICING KIT

# easy maintenance

When your point of service is 80 to 100 meters straight up you need a specifically designed Nitrogen service system. By equipping your service technicians with the latest and most efficient process of supplying, interfacing, and controlling high-pressure Nitrogen gas service for accumulators and other high-pressure applications used in today's Wind Turbine Generators, you save time, money, and most important - protect the health and safety of your workforce. CvINTERNATIONAL



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**Lightweight Portable Nitrogen Supply** - Our high pressure service kit consists of a metal enclosure, housing high pressure (0-5000 psig and 0-350 bar) components including a: Supply Pressure gauge, Pressure Regulator valve, Fill Set Pressure and Component Pressure gauges, along with miscellaneous internal pneumatic components, including Safety Pressure Relief valves. Externally the enclosure is equipped with a Shut-off/Bleed valve and QDC's for hose connections. The Kit comes with a 30-foot long high pressure hose for attachment to the inlet side of the enclosure with a high pressure QDC connector coupled to a lightweight, carbon wound cylinder containing 88 scf of Nitrogen at 4500 psig. On the outlet side, the shut-off valve's QDC attaches the standard 10-foot long high pressure service hose equipped with a shut-off valve and service chuck for high pressure servicing.



**Internal Kit Features** - The kit's Pressure Regulator valve is adjustable from 0-5000 psig/0-350 bar. Three high pressure gauges display: **Supply Pressure**, **Fill Set Pressure** as controlled and set by the Regulator valve and the **Component Pressure** with a Safety Pressure Relief valve set and a 5-5000 psig/.35-350 bar component pressure gauge. The Component Pressure Gauge reads both fill pressure and component pressure to protect servicing components from dangerous over-pressure. In addition to the internal components the kit includes an externally attached Shut-off valve with built-in bleed feature and a System Bleed valve for bleeding-off pressure from the entire system.

**GAUGES**



**Supply Pressure**  
0-5000 psig  
0-350 bar



**Fill Set Pressure**  
0-5000 psig  
0-350 bar



**Component Pressure**  
5-5000 psig  
.35-350 bar



**MODEL WTG-HPSK**



**High Pressure Service Kit Includes:**

- 3 Gauge Control Box
- 4500 psig Nitrogen Bottle
- 10' Service Hose
- 30' High Pressure Hose
- Nylon Hanging System
- Part Number: 410761

**Hanging System Info**

- Hanging system is constructed out of 1100 pound nylon
- Triple stitched 2" nylon
- Foam surround is .5" 2 lb. polyethylene
- Valve guard is machined aluminum

