



# Refueler 180

Now you can **fill your own**

**fuel gas cylinders...fast!**

### **Applications**

The Refueler 180 System supplies all the hi-pressure natural gas you need for portable fuel applications. Common uses are:

- Metal Fab Shops
- Auto Repair Shops
- Brazing
- Mechanical Contractors
- Maintenance & Repair

### **Dimensions & Weight**

Width – 24"  
Height – 20"  
Depth – 24"  
Weight – 200 lbs

### **Electric Power**

Refueler 180 operates on a 120V 30 amp separately fused circuit.

### **Gas Supply Line**

Install a 1" Schedule 40 pipe from existing gas service to the Refueler 180. Gas pressure must be ¼ - 1 psi. G-TEC provides a ¾" ball valve at the rear of the unit.

### **Environmental Requirements**

General ambient temperature must be above 40° F and there should be a 12" space around the unit for ventilation.

### **Maintenance**

Refueler 180 requires about 20 minutes of downtime per year for preventive maintenance.



*The Refueler 180 fills from one to four Adsorbed Natural Gas cylinders up to 275 psi in less than 3 hours then automatically shuts itself off when finished. If you use a lot of fuel gas in cylinders then the Refueler 180 System is right for you!*

Refueler 180 lets you take the advantages of high-pressure natural gas anywhere...across the shop or on the road. When you can fill your own cylinders with natural gas you don't need to keep track of reorder points or stock a big inventory of expensive cylinder gases. Eliminate monthly cylinder rental charges and delivery bills and never return an "empty" cylinder that still has residual fuel gas inside.

A simple hose with a 510 fitting connects the Refueler to an Adsorbed Natural Gas cylinder and with the press of a switch the filling process becomes automatic. Refueler 180 will fill the cylinder to 275 psi at the rate of 180 CF/HR and shut itself off when the cylinder is full. There is no need to monitor the filling process because safety controls will shut down the system in the event of a hose cut or other major failure. G-TEC also provides a manifold that will allow a Refueler 180 to fill up to four cylinders at once.

Refueler 180 is certified by CSA International and has passed tests for construction, performance and safety. It can be installed in any facility and will be readily approved by Fire Marshals or other inspectors.



 **G-TEC** Natural Gas Systems

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