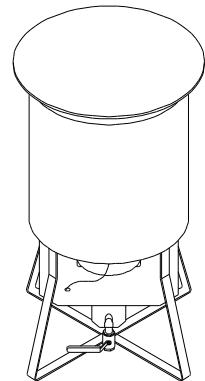


**IMPORTANT – READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THIS HEATER****Equipment Required:**

- : S-200-HP Portable Construction Heater
- : ¼" x 10ft LP Gas Hose with 9/16"-18 LH swivel nut hose ends
- : LP Gas Pressure Regulator, preset to 10 psig
- : Flint type sparker / striker
- : Approved LP Gas storage cylinder, full (100# cap. Recommended)

**Tools Required:**

- : 7/8" Open end wrench
- : 11/16" Open end wrench
- : Leak test solution

**Setup / Installation:**

- 1) Ensure that both the S-200-HP portable construction heater and the propane cylinder are located in a safe area, away from all combustibles and hazards. Both the heater and the cylinder must be positioned on level surfaces and free from potential tipping hazards.
- 2) Connect the LP gas pressure regulator (preset to 10 psig) to the LP gas (propane) storage cylinder and tighten securely using a 7/8" open-end wrench.
- 3) Connect one end of the ¼" x 10ft LP gas hose to the pressure regulator and tighten securely using an 11/16" open-end wrench.
- 4) Connect the other end of the ¼" x 10ft LP hose to the S-200-HP portable construction heater and tighten securely using an 11/16" open-end wrench.
- 5) Verify that the control knob on the S-200-HP portable construction heater gas inlet connection is turned fully clockwise, to the FULLY CLOSED position.
- 6) Verify that there are no open or concealed sources of ignition present. Slowly open the LP gas storage cylinder supply valve to allow propane pressure to enter into the hose.
- 7) IMMEDIATELY TEST ALL GAS CONNECTIONS using an approved leak test solution. Begin with the connection on the LP gas storage cylinder, the pressure regulator, the entire hose, and the connection on the S-200-HP portable construction heater.
- 8) If any leaks are detected, IMMEDIATELY TURN OFF THE GAS SUPPLY VALVE !!!
- 9) If no leaks are detected, you may proceed to the Lighting & Operations section.

**Lighting and Operations:**

- 1) Verify that there are no gas leaks present in any part of the system (refer to Setup / Installation section) and the flow control knob located at the gas inlet connection is turned fully clockwise.
- 2) Turn the flow control valve, located at the gas inlet connection of the S-200-HP portable construction heater, ¼ turn counter-clockwise.
- 3) Place the striking / sparking end of the flint-type striker into the steel flame bowl, located inside the round S-200-HP portable construction heater.
- 4) Begin striking (producing sparks), while the striking end of the flint-type striker is located inside the flame bowl and fully depress the red safety valve button located on the underside of the S-200-HP portable construction heater. A flame should become present immediately. If no flame is present, release the red safety valve button.
- 5) If a flame is established, continue to hold the red safety valve button for 15 seconds, then release the red safety valve button.

The S-200-HP portable construction heater should now be operating at low output.

If no flame is present, go to the trouble-shooting section of this manual.

If flame is present, adjust the flow control knob on the S-200-HP gas inlet connection to achieve the desired flame and heat output.

**IMPORTANT NOTE** – The S-200-HP portable construction heater is design to operate between 100,000 btu and 200,000 btu output range. If the heater is turned down too low, it will automatically shut off.

To discontinue use of the S-200-HP portable construction heater, turn OFF the valve on the LP gas supply cylinder and wait 15 minutes before attempting to disconnect or service any part of the system.

### **Troubleshooting**

Verify there are no gas leaks present.

Verify that all connections are tight and secure.

Verify the correct fuel is connected to the system.

Verify that flame is touching the thermocouple inside the flame bowl.

If all troubleshooting points are confirmed correct, the S-200-HP portable construction heater will require service. Service can only be performed by a trained service technician.

**DO NOT ATTEMPT TO REPAIR THE S-200-HP PORTABLE CONSTRUCTION HEATER. YOU MAY DAMAGE THE HEATER AND MAY CAUSE SERIOUS INJURIES TO THE HEATER OPERATOR.**

**IMPORTANT – DO NOT USE THIS HEATER FOR HEATING HUMAN LIVING AREAS.**

**PROPER VENTILATION AIR MUST BE PROVIDED TO SUPPORT THE COMBUSTION AIR REQUIREMENTS OF THIS HEATER.**

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### ***IF YOU THINK YOU SMELL GAS:***

**DO NOT TAKE ANY ACTION THAT COULD IGNITE THE FUEL GAS. DO NOT OPERATE ANY ELECTRICAL SWITCHES. DO NOT PULL APART ANY EXTENSION CORDS. DO NOT LIGHT MATCHES OR ANY OTHER SOURCE OF FLAME. DO NOT USE A SPARK STRIKER. DO NOT USE A TELEPHONE OR CELLULAR PHONE.**

**GET EVERYONE OUT OF THE AREA IMMEDIATELY.**

**CLOSE ALL PROPANE GAS TANK OR CYLINDER FUEL SUPPLY VALVES.**

**PROPANE GAS IS HEAVIER THAN AIR AND MAY SETTLE IN LOW AREAS. WHEN YOU THINK YOU SMELL GAS, OR SUSPECT YOU HAVE A GAS LEAK, STAY OUT OF LOW AREAS.**

**STAY OUT OF THE AREA UNTIL IT HAS BEEN DECLARED SAFE BY EITHER YOUR FIRE DEPARTMENT OR YOUR PROPANE GAS SUPPLIER.**

**USE A NEIGHBORS TELEPHONE, AWAY FROM THE GAS LEAK, TO CONTACT YOUR PROPANE GAS SUPPLIER AND YOUR LOCAL FIRE DEPARTMENT. DO NOT RE-ENTER THE AREA OF THE GAS LEAK!**

**BEFORE YOU USE THIS HEATER, HAVE YOUR FUEL GAS SERVICE PROFESSIONAL CHECK FOR LEAKS IN THE UNIT AND IN THE GAS SUPPLY PIPING OR LINES.**

## S-200-HP Portable Construction Heater

### SPECIFICATIONS

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|   |                 |
|---|-----------------|
| Fuel  | Propane         |
| Maximum Input BTU/Hr                                  | 200,000         |
| Ventilation Air Required for Proper Combustion (scfm) | 1,000           |
| Inlet Gas Supply Pressure                             | 10 psig         |
| Fuel Consumption (lbs.)                               | 9.3 lbs / Hr    |
| Fuel Consumption (gals.)                              | 2.2 gal / Hr    |
| Dimensions  | 18" x 18" x 32" |
| Safe Distance to Combustibles (top)                   | 5ft – 10in      |
| Safe Distance to Combustibles (sides)                 | 4ft             |
| Net Weight  | 34 lbs.         |