

Dyna-Glo™

Propane Construction Heater

Installation

▲ WARNING Review and understand all of the warnings in the Safety Information Section on pages 1–3. They are required to operate this heater safely. Follow all local and state codes when operating this heater.

▲ WARNING After installing all gas piping, and making the proper connections, be sure to check for leaks. Apply a 50/50 mixture of dish soap and water to all connections. Bubbles forming are evidence of a leak. Be sure to correct all leaks at once!

1. Provide propane supply system as outlined above.
2. Connect POL fitting on hose/regulator assembly to propane tank(s) by turning the fitting COUNTERCLOCKWISE into the threads on the valve on top of the tank. Finish by tightening firmly, using 7/8" wrench.

IMPORTANT: To protect the regulator from weather damage, tighten the fitting with the black adjustment knob pointing down.

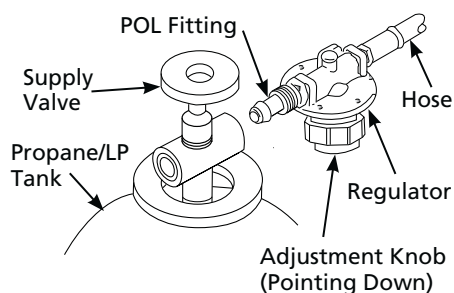


Figure 3 – Regulator with Vent Pointing Down

inlet connector of the heater, and tighten firmly with a wrench.

IMPORTANT: Use extra piping or hose if necessary to connect the heater to the gas supply, but always use the regulator supplied with the heater.

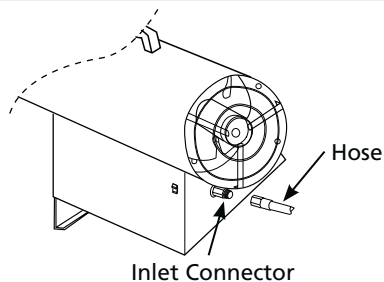


Figure 4 – Hose and Inlet Connector

4. Open supply valve on propane tank(s) SLOWLY.

NOTE: If this valve is not opened slowly, the excess flow check valve on the tank will interrupt the gas flow. If this happens, close the supply valve and reopen slowly.

5. Adjust the regulator to between 7 and 10 PSIG.

▲ WARNING Do not adjust the regulator above 10 PSIG or below 7 PSIG, or the heater may not operate properly.

6. Check all connections for leaks.

▲ WARNING Never use an open flame to check for leaks. Apply a 50/50 solution of liquid dish soap and water to check all connections. Correct all leaks immediately.

7. Close propane supply valve.

Ventilation

▲ WARNING Always follow the minimum fresh air ventilation requirements. If these guidelines are not followed, carbon monoxide poisoning can occur. Always provide proper amounts of fresh air before operating this heater.

Provide at least three square feet of fresh, outside air for each 100,000 BTU/Hr of rating. This heater requires a fresh air opening of at least 11.25 square feet. Provide extra fresh air if more heaters are being used.

Operation

▲ WARNING Review and understand all of the warnings in the Safety Information Section, on pages 1–3. They are required to operate this heater safely. Follow all local and state codes when operating this heater.

TO START HEATER

1. Follow all safety, installation and ventilation instructions in this manual.
2. Position the heater on a stable and level surface, and be sure that no drafts blow into the inlet or outlet of the heater.
3. Plug the power cord of the heater into a three hole grounded extension cord. Be sure that the extension cord is at least 6 feet long, and is UL listed.

EXTENSION CORD SIZE REQUIREMENT

- Up to 50 feet long, use 18 AWG rated cord.
 - 51 to 100 feet long, use 16 AWG rated cord.
 - 101 to 200 feet long, use 14 AWG rated cord.
4. Plug extension cord into a 120 volt/60 hertz, three hole grounded outlet.
 5. Open supply valve on propane tank(s) SLOWLY.

NOTE: If this valve is not opened slowly, the excess flow check valve on the tank will interrupt the gas flow. If this happens, close the supply valve and reopen slowly.

6. Adjust the regulator to between 7 and 10 PSIG.

NOTE: The higher regulator setting will enable the heater to produce more heat.