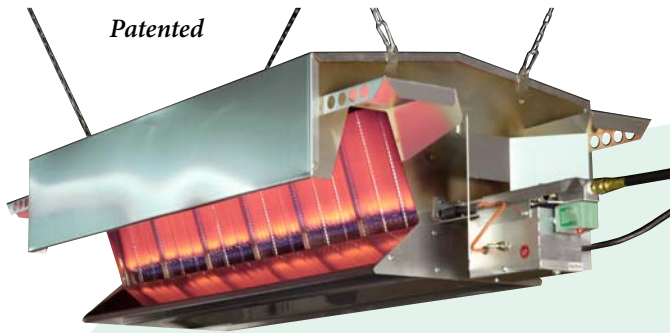


QUAD-GLOW® Heater

Pressure, Fuel and Power Options



Model Overview

		High Pressure		Low Pressure		
		Std.	Can.	Snap	Zone	DSI
Fuel	Propane	●	●	●	●	●
	Natural Gas	●	●			●
	Butane/ Propane Mix	●		●	●	●
Power	120 V AC**	●	●			
	No Electricity			●		
	24 V AC**				●	●
	12 V DC				●	

**Transformers are available to convert a 230 V power source to 120 V, 120 V to 24 V, or 230 V to 24 V.

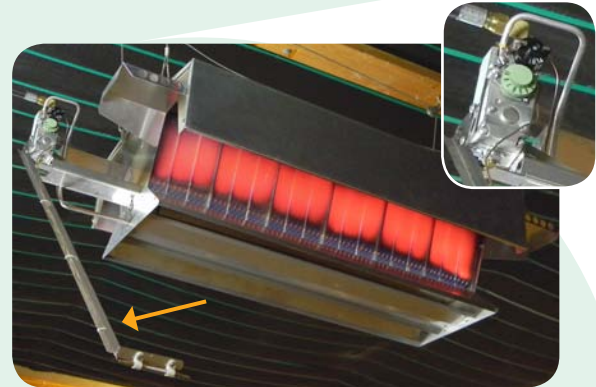
Performance Efficiency

- Delivers 80,000 BTUs of QuadRadiant® heat in a broad, quadrangular heat pattern.
- Uses fuel more efficiently by converting more of the thermal capacity of the gas to infrared heat and transferring more of that heat to the floor.
- Adjustable height helps optimize floor coverage.
- Requires fewer units and less run time to heat a typical house.
- Case studies show approximate fuel savings of 15 to 20% (individual results may vary).
- Zone control models save fuel by permitting users to heat only the areas of the house where heat is needed.*

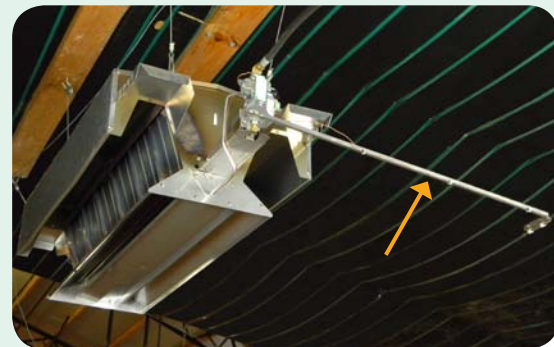
*Zone control models include all DSI QuadRadiant® heater models and the low-pressure zone model.

Operational Advantages

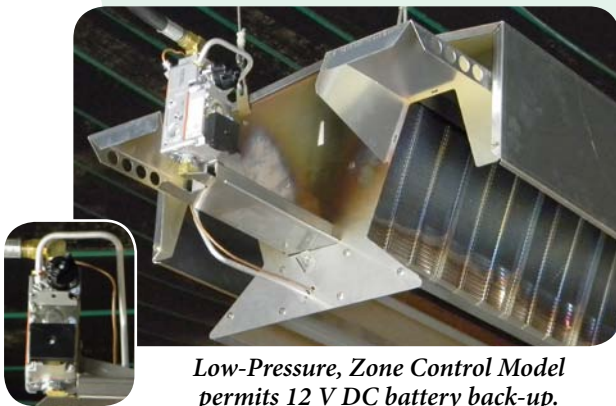
- Constructed of stainless steel and aluminum with stable four-point suspension.
- Heaters are pre-assembled, winchable and include power cords and gas hoses.
- Burner is protected from debris and is easy to access for cleaning purposes by removing one screw.



Low-Pressure, Snap Action Model requires no electricity (shown with sensor arm lowered into operating position).



Low-Pressure, Snap Action Model (shown with sensor arm raised for winching).



Low-Pressure, Zone Control Model permits 12 V DC battery back-up.

Case studies show approximate fuel savings of 15 to 20% for QUAD-GLOW® Heaters compared to other commonly used heating systems. (Individual results may vary.)



QUAD-GLOW® Heater Specifications

Model-Specific Details	High Pressure*		Low Pressure	
	Ignition	Direct Spark	500 BTU Pilot	500 BTU Pilot
Electrical	120 V AC	Non-Electric	24 V AC	24 V AC
Back-Up Options	Generator	Not Applicable	Generator or 12 V DC	Generator
Transformer Options (Available If Needed)	230 to 120 V AC	Not Applicable	120 to 24 V AC 230 to 24 V AC	120 to 24 V AC 230 to 24 V AC
Control	Zone	Individual Snap Action	Zone	Zone
Gas Pressure Requirements (Maximum)	5 psi (350 Mbar)	11" W.C. (27.5 Mbar)	11" W.C. (27.5 Mbar)	LP & B/P** 11" W.C. (27.5 mBar) NG 5.5" W.C. (13.5 mBar)
Fuel (Fuel Key: Propane=LP; Natural Gas=NG; Butane/Propane Mix=B/P**)	LP, NG or B/P**	LP or B/P**	LP or B/P**	LP, NG or B/P**
Maximum Gas Consumption	LP 0.87 gph (3.29 l/h) NG 75.5 cfh (2.14 m ³ /h) B/P** 0.87 gph (3.29 l/h)	0.87 gph (3.29 l/h)	0.87 gph (3.29 l/h)	LP 0.87 gph (3.29 l/h) NG 75.5 cfh (2.14 m ³ /h) B/P** 0.87 gph (3.29 l/h)

*High-Pressure model for Canada also available.

**Butane/propane fuel consumption may vary contingent on the mix ratio. Contact Roxell with any questions regarding use of butane/propane mixed fuel.

Specifications Common to All Models

	U.S. Measure	Metric
Heating Area per Unit (Depending on climate and hanging height. Fewer units required in grow-out area.)	1200 to 2400 sq. ft.	111.5 to 223.0 m ²
Maximum Heating Capacity per Hour (from sea level to 2000 feet)	80,000 BTU	20,160 Kcal
Weight per Unit	53 lbs.	24 kg
Approximate Shipping Dimensions – Width x Length x Height (Without Required Heat Shields Installed)	22 x 47 x 13¼ in.	55 x 119 x 34 cm
Minimum Height from Floor to Bottom of Unit (Heaters may need to be adjusted up or down depending on housing construction, conditions and climate.)	7 to 9 ft.	2.1 to 2.7 m
Space Between Heaters	40 to 60 ft.	12.2 to 18.3 m
Minimum Clearance to Combustibles		
Sides of Heater	48 in.	122 cm
Above Heater with Required Heat Shields (All Shields Required)	12 in.	31 cm
Above Heater (If Any Heat Shields Damaged or Temporarily Missing)	24 in.	61 cm
Below Heater	72 in.	183 cm

The policy of Roxell is one of continuous product improvement. We reserve the right to alter specifications without prior notice. Heating products should be installed only in accordance with local laws, codes and regulations. These products are not for residential use. Gas pipe layout assistance available to customers through authorized distributors. CSA (Canadian Standards Association) approved models are available. All models meet stringent standards for low carbon monoxide.



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