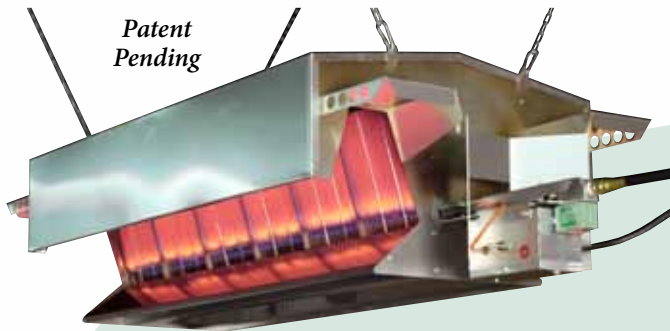


QUAD-GLOW® Heater

Pressure, Fuel and Power Options



For 5-psi operation, users have a choice of Standard, CSA or Butane/Propane Model.

Model Overview

		High Pressure			Low Pressure	
		Std	CSA	B/P	Snap	Zone
Fuel	Propane	●	●		●	●
	Natural Gas	●	●			
	Butane/ Propane Mix			●	●	●
Power	120 V AC**	●	●	●		
	No Electricity				●	
	24 V AC or 12 V DC					●

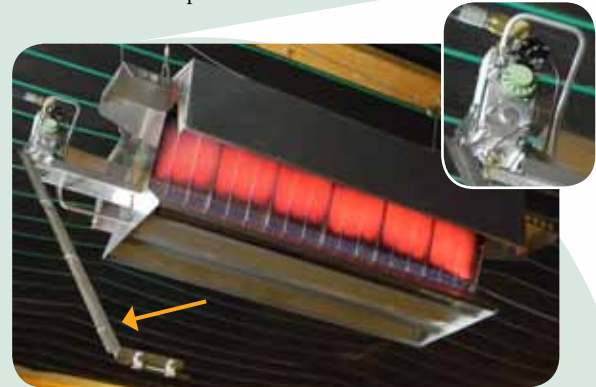
**Transformers are available to convert a 230 V power source to 120 V or to convert a 120 V power source to 24 V.

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 high-pressure QuadRadiant® heater models and the low-pressure zone model.

Easy to Install, Operate & Maintain

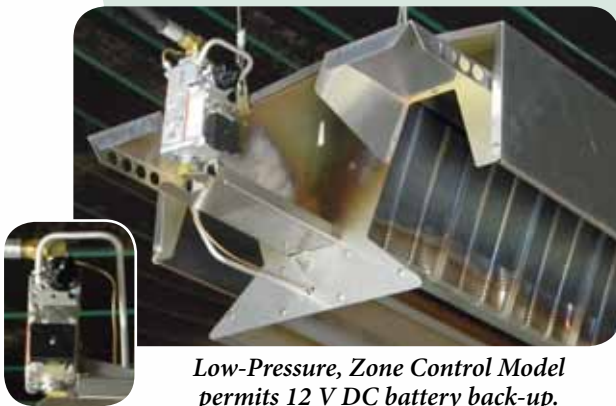
- Constructed of stainless steel and aluminum with stable four-point suspension.
- Heaters are pre-assembled, winchable and include power cords and gas hoses.
- Burner is protected from debris and is easy to access for cleaning purposes by removing one screw.



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.)



SPECIFICATIONS

QUAD-GLOW® Heater Options

High Pressure (5 psi)

Low Pressure (27.5 Mbar)

Model-Specific Details	Standard	CSA	Butane/Propane	Snap Action	Zone Control
Ignition	Direct Spark	Direct Spark	Direct Spark	500 BTU Pilot	500 BTU Pilot
Electrical	120 V AC	120 V AC	120 V AC	Non-Electric	24 V AC
Back-Up Options	Generator	Generator	Generator	Not Applicable	Generator or 12 V DC
Transformer Options (Available If Needed)	230 to 120 V AC			Not Applicable	120 to 24 V AC
Control	Zone	Zone	Zone	Individual	Zone
Gas Pressure Requirements (Maximum)	5 psi (350 Mbar)	5 psi (350 Mbar)	5 psi (350 Mbar)	11" W.C. (27.5 Mbar)	11" W.C. (27.5 Mbar)
Fuel	Propane or Natural Gas		Propane or Butane/Propane Mix*		
Maximum Gas Consumption	Propane - 0.87 gph (3.29 l/h) Nat. Gas - 75.5 cfh (2.14 m ³ /h)		0.87 gph (3.29 l/h)*		

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

Specifications Common to All Models

U.S. Measure

Metric

	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

Agile's policy is one of continuous product improvement. We reserve the right to change models and specifications at any time without notice or obligation to update previous models. 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. Contact Agile for further details if heater will be used at high altitudes (2000 feet or more above sea level). Orifice size options for high altitude use are available for all models. All models meet CSA standards for low carbon monoxide.



Shenandoah 800-704-7356

417-845-6065

Agile Mfg., Inc. • A Subsidiary of CTB, Inc.
 720 Industrial Park Road • Anderson, MO 64831
 Phone 800-704-7356 or 417-845-6065 • Fax 417-845-6069
 Internet: www.shenmfg.com • E-mail: sales@agilemfg.com

