

Model	80	100
Heating area per QuadRadiant® heater (m <sup>2</sup> )	111.5–223.0	133.8–267.6
<b>Capacity (maximum per hour)</b>		
Direct spark or pilot ignition (kW)	23.45	29.31
<b>Gas consumption (maximum) direct spark ignition</b>		
LP gas (l/h)	3.29	3.95
Natural gas (m <sup>3</sup> /h)	2.14	currently not applicable
<b>Gas pressure requirements (measured at pressure tap on valve with unit running)</b>		
LP gas (mbar)	27	344 high pressure currently, low pressure is not applicable
Natural gas (mbar)	13.5	currently not applicable
<b>Heater size, weight &amp; assembly Information</b>		
Weight per complete unit (kg)	24	21.8
Shipping dimensions (length x width x height) (cm)	55 x 119.4 x 33.7	56 x 122 x 44
Unit height (cm)		36
<b>Operational guidelines for brooding area (adjust up or down depending on housing construction/condition and climate) * Fewer units required in grow-out area</b>		
Minimum height from floor (measure from floor to bottom of unit) (m)	2.1–2.7	2.1–2.7
Space between heaters (m)	12.2–18.3	13.7–21.3
<b>Minimum clearance to combustibles</b>		
Sides of heater (cm)	121.9	121.9
Above heater (with heat shields in place as required) (cm)	30.5	30.5
Above heater (if any heat shields are temporarily missing) (cm)	61	61
Below heater (cm)	182.9	182.9

Heater control options				
Ignition	pilot	pilot	direct spark	direct spark
Control type	individual snap	zone	solenoid	solenoid
Electrical requirements	not applicable	24 VAC/ 12 VDC 0.2 A	120 V or 24 AC 0.5 A	24 VAC 0.1 A only
Backup options	not applicable	generator or battery	generator	generator

*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, for agricultural use only. Gas pipe layout assistance is available to customers through authorized distributors. Specific, certified models are available for various countries, where required. Customer/ distributor need to check if Roxell has a certified model for the country of installation. All models meet stringent standards for low carbon monoxide.*