



# Radiant Gas Brooder



Global Presence - Local Commitment



Feeding



Drinking



Climate



Housing

# Direct Spark & Pilot Ignition Brooders

## General Features

- Saves fuel and reduces maintenance
- Unique 60° angled stainless steel insulated emitter - larger surface area efficiently delivers heat directly to the birds enclosed insulation will not crumble or distort
- Built with heavy duty corrosion resistant materials
- Low maintenance
- Unique quick adjust - low profile hanging bracket - raises the brooder closer to the roof when not in use
- Aluminium canopy - maximises downward heat effect
- Corrosion resistant stainless steel burner assembly
- Durable stainless steel gas pipe from the gas valve to the main burner
- Propane and Natural Gas

### Direct Spark Ignition Brooder

02380090 - SRB40CRE #5



- Save fuel - up to 22 litres LPG every 24 hrs per 14 Brooder house compared to pilot brooders
- 24v power supply (230v Optional)
- Wash down friendly - Water resistant valve with potted electrical connections.

### Pilot Ignition Brooder

02380091 - SRB40CRE #9



- Electrical supply not required
- Integrated gas valve and thermostat
- Low maintenance stainless steel pilot assembly

## Maintenance Friendly



The main burner jet is quickly accessed by sliding back the quick release bracket shown above. Sparks to directly light the burner. No standing pilot to clog up, blow out or wasted fuel.



The main burner jet is quickly accessed by sliding back the quick release bracket shown above.

### Patented WindBuster™ Pilot

The Wind Buster Pilot System not only enhances flame stability but provides dependable ignition for virtual trouble-free operation, even with speeds up to 7 mph (11.2 km).



## Specification Guide

Input rating		11.7 kW 40,000 btu
Stock capacities:	Broilers Pullets Turkeys Ducks Pheasants	2000 - 3000 1500 - 2000 750 - 1000 750 - 1000 1500 - 2000
Mounting height		1520 mm - 1830 mm (60 in - 72 in)
Brooder spacing	(Maximum)	12.2 m..... 40 ft
Reflector diameter		890 mm ..... 35 in
Brooder height		460 mm..... 18 in
Brooder weight	(Approximate)	12.0 kg ..... 26 lbs
Shipping weight	(Approximate)	18.0 kg ..... 39 lbs
Gas consumption	(Maximum Full Heat)	
Per hour	Propane	0.43 GPH 0.88 kg/hr
	Natural	0.40 Therm 1.15 m <sup>3</sup> /hr
Minimum clearance	Side	915 mm ..... 36 in
To combustibles	Below Top	1220 mm ..... 48 in 460 mm ..... 18 in
Ventilation Requirement	Refer to Installation Instructions	

	Supply pressure to heater	Burner setting pressure
Natural Gas	12 m/bar to 35 m/bar	10 m/bar
Propane Gas	37 m/bar to 50 m/bar	25 m/bar

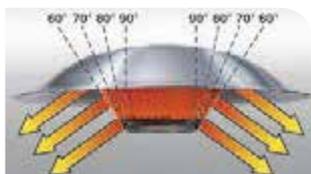
**Note:** Details of gas characteristics and supply pressure to be advised by customer

### Ancillary equipment

Gas Hose - Standard	3.0 m ..... 10 ft
Gas Tap	(R $\frac{3}{8}$ ) ..... $\frac{3}{8}$ in BSP external

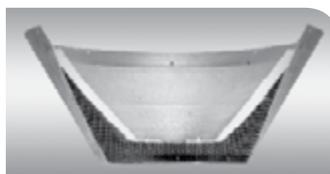


### 60° Emitter Angle Optimises Heat Pattern



The unique 60° Emitter Angle is specifically designed to aim the radiant heat directly at the birds where it's needed most.

### Enclosed Emitter Assembly



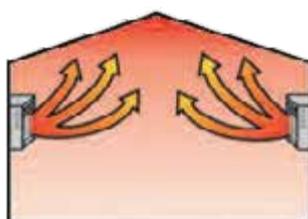
The enclosed insulation will not crumble or distort and is designed to withstand the tough operating conditions found in poultry houses.

The unit features a 3-year limited warranty.

### Radiant Heat V.S. Forced Air



Radiant heat helps keep the litter area dry and warms the birds directly, saving fuel.



Space heaters force the heated air to the upper areas of the house first, then to the floor area.



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Ventilation



Cooling



Fogging



Heating



Lighting



Control



Feeding



Drinking



Climate



Housing

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