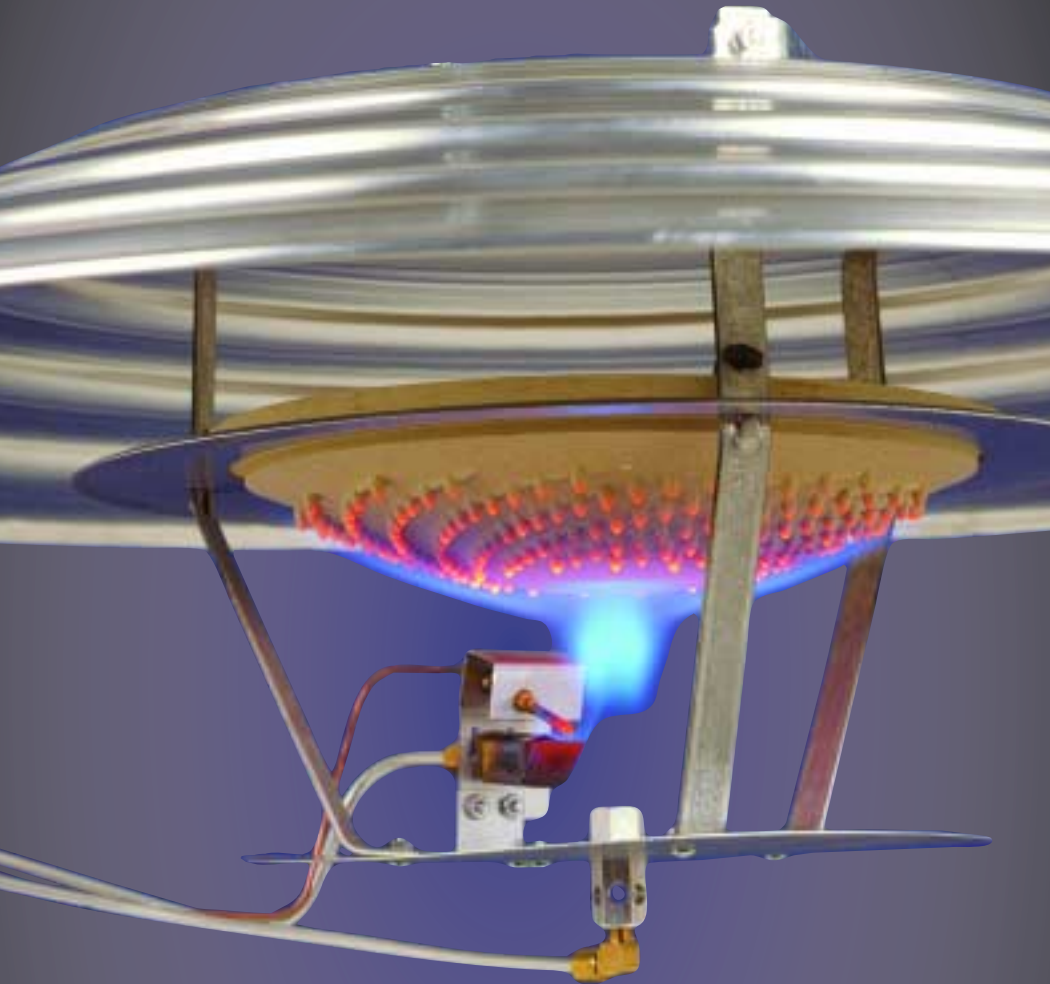


NEW
Now Available
with Electronic
Hot Surface
Ignition



*Rocket Jet
Brooder*

ROCKET JET BROODER

31,000 BTU
LP or NATURAL GAS

**It's Versatile.
It's Economical.
It's Powerful.
It's the Rocket Jet.**

Hot Surface Ignition

- 24 volt electronic control
- Eliminates time-consuming lighting of pilots
- No pilots to clean or maintain
- Saves fuel

Jet Burner

- Efficient
- Minimum cleaning

Patented Turbo Radiant

- Maximum heat efficiency

Canopy

- Aluminum or galvanized
- 34" or 46"

Gas Control Valve Options

- Individual thermostat
- 24 volt zone control valve
- Zone - two-pipe supply

Pilot

- Horizontally mounted
- Less maintenance
- Wind resistant
- Grower friendly

Suspension Options

- Low profile suspension system
- Reduces heater height 4-6"

Sibley®

ROCKET JET BROODER

FEATURES & BENEFITS

HOT SURFACE IGNITION – Utilizes 24 volt electronic control technology perfected through years of reliable operation on our Turbo space heaters. Hot Surface Ignition (HSI) provides dependable and trouble-free ignition of each brooder through either individual or zone thermostat control. With HSI, you save fuel costs by eliminating a standing pilot flame when heat is not required. In addition, HSI saves time between flocks by eliminating the need to light individual pilots and the requirement to clean and maintain pilot assemblies.

ROCKET JET BURNER – This single jet design properly mixes gas and air to deliver a more efficient burn. The steady, hot blue flame distributes the heat evenly over the entire radiant. The Rocket Jet burner requires little cleaning and service, making it convenient for today's progressive poultry grower.

TURBO RADIANT – Our exclusive ceramic with a large quantity of radiating elements get the heat down on the birds quickly. (Patented)

CANOPY – Aluminum is durable, yet much lighter in weight (50% of galvanized), has higher reflective qualities and resists corrosion. Galvanized is more rugged and economical. Both aluminum and galvanized canopies are available in 34" and 46" sizes.

HORIZONTAL PILOT – Our unique, horizontal design is wind resistant, decreases clogging and resists crosswinds from any direction. The removable shield makes it the easiest pilot to install, clean and disassemble. Fabricated from stainless steel to ensure long life, this pilot is designed to incinerate dust and other foreign matter, enhancing its dependability. (Patented)

GAS CONTROL VALVE OPTIONS

Individual – Each brooder has its own sensing system to consistently maintain the desired temperature. No electrical wiring is needed.

Zone Control System – Allows one thermostat to control all the brooders within a specified area.

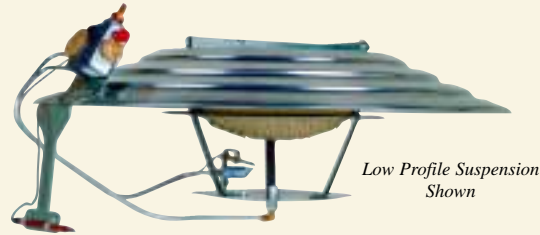
Hot Surface Ignition – Utilizes 24-volt control technology in either zone or individual thermostat configuration.

24 Volt Zone – Utilizes an electrically-controlled gas valve, with safety shutoff on each brooder. The valve will operate on 24V AC or 12V DC (battery back-up) current. This system requires a 24 volt power pack. A standby battery trickle charger is also available.

Manifold Zone System – Uses a two-pipe supply system. One pipe supplies the main burner and the second pipe the pilot. Only a safety valve is required on each brooder. The zone thermostat activates the solenoid on the manifold gas valve which controls the gas flow to the brooders within the zone.

SUSPENSION OPTIONS

Low Profile Suspension System – Ideal for drop ceiling houses, reduces hanging height 4"-6" and does not require chains and "S" hooks. (Patented)



SPECIFICATIONS

	Pilot Ignition	Hot Surface Ignition
Capacity	31,000 BTU/h 7.8105 Kcal	29,000 BTU/h 7.3108 Kcal
Gas Pressure Requirements Liquid Propane (LP) Natural Gas	11" WC or 6.35 oz. or 27.5 mbar 7" WC or 4.00 oz. or 17.5 mbar	11" WC or 6.35 oz. or 27.5 mbar 7" WC or 4.00 oz. or 17.5 mbar
Gas Consumption Liquid Propane (LP) Natural Gas	31,000 BTU .34 gph / 1.29 L/hour 29.25 cfh / .83 m ³ /hour	29,000 BTU .32 gph / 1.21 L/hour 27.36 cfh / .78 m ³ /hour
Brooder Dimensions Width Small Canopy Large Canopy Height *Weight (Alum., 34" Canopy)	34" / 86.36 cm 46" / 116.84 cm 20 1/2" / 52.07 cm 17 lbs. / 7.71 kgrams	34" / 86.36 cm 46" / 116.84 cm 20 1/2" / 52.07 cm 17 lbs. / 7.71 kgrams
Operation Guidelines for Brooding Area Height (edge of canopy) Space between brooders / side Square feet per brooder	36" / 91.4 cm 10-20 ft. / 3-6.1 m 250-600 sq. ft. / 23.2-55.7 sq. m	36" / 91.4 cm 10-20 ft. / 3-6.1 m 250-600 sq. ft. / 23.2-55.7 sq. m
Min. clearance to combustibles Side Top Below	36" / 91.4 cm 14" / 35.6 cm 24" / 61 cm	36" / 91.4 cm 14" / 35.6 cm 24" / 61 cm

*Will depend on model type.

CSA Approved Models Available



HEATING THAT'S ALL ABOUT PERFORMANCE!

Manufactured by:

Sibley®



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Phone: 800-704-7356 • Fax: 417-845-6069

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