

EQUIPMENT CARE

RADIANT TUBE HEATERS

Preventative maintenance will keep heaters working safely all winter long.

There are some things to keep in mind as you begin the cleaning and prepping process:

- Always unplug the heater and shut off fuel supply before performing any cleaning or maintenance.
- Spiders are attracted to the smell of propane and natural gas. Regularly remove spiders and their webs to prevent problems with the burner.
- Sanitizers can cause corrosion to metal parts. If sanitizers are used, thoroughly wipe down metal components with a clean, damp cloth after use.
- Must be cool to touch before servicing.

To clean the heaters:

- ☐ Cut off power to the heater & unplug from power source.
- ☐ Shut off the fuel supply. Allow heater to cool.
- ☐ Use a blower to remove dust from the burner assembly, control unit, and shields.
- ☐ Clean the burner orifice with a brush and the proper size orifice drill.
- ☐ Clean inside burner assembly tube with brush and blow clean.
- ☐ Remove any carbon deposits.
- ☐ Check all gas line connections for leaks.
- ☐ Look for obstructions, cracks in the vent pipe, gaps in sealed areas, or corrosion.
- ☐ Ensure tubes are securely connected and

suspended with no sagging, bending, or distortion.

- ☐ Check hot-surface igniter or electrodes for damage or excessive wear. Replace if necessary.
- ☐ Check burner observation window is clear and free of cracks.
- ☐ Check thermostat for exposed wires and damage.
- ☐ Clean inner and outer surface of reflector with a damp cloth.
- ☐ Inspect for sagging, cracking, or distortion and that reflectors are properly overlapped and supported.

We recommend following a maintenance schedule to improve brooder performance and longevity.

Daily:

- ☐ Check that all heaters are set and working properly.

Weekly:

- ☐ Check gas tank levels.
- ☐ Inspect for debris or blockages.

Monthly:

- ☐ Remove dust. Check for obstructions, cracks, gaps, and corrosion.
- ☐ Check gas lines for leaks.
- ☐ Ensure all tubes are connected and suspended properly. Clean and replace as needed.

Between flocks:

- ☐ Thoroughly clean and examine all heater components. Repair or replace as necessary.