

## INSTALLATION

This heater should be installed by a competent & suitably qualified engineer (ideally GAS-SAFE registered). New installations will need purging and must be fully tested for gas leakage. This should be repeated when the brooders are re-installed after storage or disconnection.

### **NEVER USE A NAKED FLAME TO LOOK FOR GAS LEAKAGE**

#### **It is important that brooders are operated at the correct gas pressure.**

To check the gas pressure, unscrew the test nipple plug fitted to all brooders, and connect up to a suitable water-gauge/water-column meter using soft rubber tubing, whilst the brooder is operating on 'full-heat'. All Maywick brooders require a 'manifold-pressure' (input pressure to heater control) of 37mbar (15" WC). The pressure can be lower, although the output and efficiency will reflect this, but the pressure should **NEVER BE HIGHER than 37mbar**. Above this pressure the heater flames can become unstable & potentially dangerous, and components burnout very quickly. Pressures are very important and should be regularly checked (at least every six months).

Ignite the brooder (as explained on Page 6) at least 12 hours in advance of the livestock arrival.

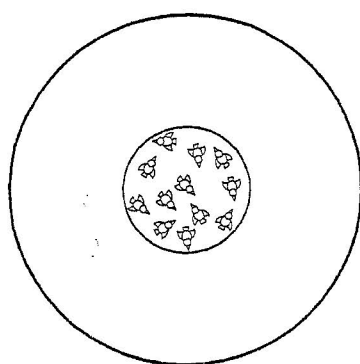
Place a suitable thermometer on the Floor/Litter directly below the rim of the canopy.

After a few hours, check the temperature and adjust the control as necessary either to increase or decrease the temperature. Response is quicker if one starts with a low temperature and increases the thermostat setting, rather than reducing it from a high setting. Once the temperature has settled at the required level remove the thermometer.

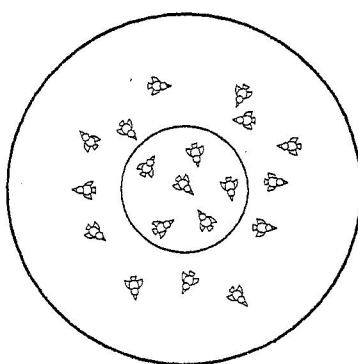
Always ensure you know where the incoming gas taps are located both inside and outside of the building, so that they can be quickly turned off in the event of an emergency.

Once the birds are settled, be guided by their pattern and only re-adjust the brooder control if they are huddling or dispersing away from the heat.

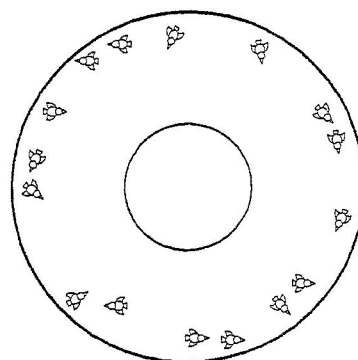
## BIRD PATTERN



**TOO COLD**



**CORRECT**



**TOO HOT**

**IMPORTANT** – These brooders are designed to be used in a dusty atmosphere, but regular cleaning is essential. At the end of each crop, the brooders must be thoroughly cleaned. A suitable brush (Part N° 6284) should be drawn up/down vigorously through the Venturi to remove as much baked-on dust as possible. High-Pressure air-line or water jet must NOT be used on any part of the heater. A cut-down paint brush is ideal to brush away dust around the Venturi Casting and other components. If the Burner Ports are blocked, clean out with a brass bristle port brush (Part N° 5784). Fibre Cones should NOT be cleaned and if accidentally splashed with water they will dry out without being harmed, however any forces applied to the Cone will cause it to disintegrate.