

CLEANING/MAINTENANCE/SERVICING SCHEDULE

All gas appliances should be subject to a formal cleaning and maintenance schedule. This should optimise performance, reduce the risk of un-timely failure, prevent the build up of dangerous gases, and minimise the risk of fire.

Due to the effect different conditions and environments can have on these heaters it is essential that they be regularly monitored and all schedules updated. As an absolute minimum, we recommend the following:

Weekly:-

- (1) Slide filter back and clean out filter casing, clean off spark catchment tray, clear any blocked burner port holes, remove any build-up around thermocouple flame probe, etc.
- (2) Check shape/colour of pilot flame (if fitted). If shape distorted or very yellow/long, pilot needs cleaning or jet replacing.

1-2 Months

- (1) Clean main burner venturi bend. You will need to slide back the filter and carefully insert a 'flue' brush and vigorously clean the inside of the tube.
- (2) Clean/un-block all burner flame ports using port cleaner brush or similar.

6 months

- (1) Check condition of mantle and inner cone, check for corrosion/damage and replace if necessary.
- (2) Inspect hoses for cracking/damage.

1 Year

- (1) Inspect thermocouple tip for corrosion, splits, etc. Any damage replace immediately.

3 Years

- (1) Replace Mantle
- (2) Replace Cone
- (3) Replace Thermocouple

4-5 Years

- (1) Replace flame failure device/gas control valve. ▣
- (2) Replace hose.

N.B.

Gas Jets:- These should be replaced rather than cleaned (especially pilot jet) as cleaning can easily enlarge the orifice diameter which will seriously damage your heater (or worse still, lead to a fire).

Flame failure devices and gas control valves:- Must NEVER be subjected to a high pressure air or gas line.

Inner cones:- These are made from an advanced natural plant-fibre, body-soluble material that can survive being splashed with water (they dry out quickly), but will disintegrate under high pressure water jets.

It is recommended that spare thermocouples and jets be always close at hand as these items are subjected to the most wear and tear.

With a clean brooder, most troubles will be caused by some form of blockage or mechanical failure. The table on the next page covers most faults likely to occur. Seek qualified assistance if in any doubt.

▣ All gas controls use flexible material seals and these materials are subject to age degradation and so should be replaced every 4-5 years to avoid untimely failure. They MUST be replaced every seven years to optimise safety. They are sealed units and have NO user replaceable parts.

Maywick are able to provide In-House or On-Site training for the cleaning, maintenance and servicing of its range of brooder heaters. These courses can provide invaluable information and training to significantly reduce untimely failures and expensive call-out charges from service engineers. For further advice please contact our sales team.