



SSS3 Overhead Radiant Heaters Main Service Schedule Per Heater

SERVICE DESCRIPTION

- 1] Function test unit and make sure it is working and not broken down.
{If it is not working inform customer as fault finding is not part of service}.
- 2] Isolate heater and disconnect from fuel supply.
- 3] Open up burner assembly.
- 4] Remove and clean main burner.
- 5] Check and clean high tension electrode.
- 6] Check and clean ionisation probe.
- 7] Check and clean main burner injectors.
- 8] Check and clean all mixing chambers.
- 9] Check h/t and ionisation cables and refit main burner.
- 10] Renew air box seal and replace air box top.
- 11] Check all connections and securing fasteners line up burner and tighten securing screws.
- 12] Clean exhaust fan blades and lubricate bearings. Check security of fastening.
- 13] Remove if required reflectors brush away all loose dust from top.
- 14] Inspect tubes for signs of burning and/or holes especially burner side tube.
- 15] Check security of all suspension chains/rods etc.
- 16] Clean reflectors with Dymashine and polish up.
- 17] Refit and straighten reflectors as required.
- 18] Open up control access panel on burner.
- 19] Check all electrical connections remake if required.
- 20] Check correct operation of composite valve.
- 21] Check time and temperature controls and set as required
- 23] Fire up unit and check operation of fan.
- 24] Set gas pressure to the correct plated pressure and refit control panel cover.
- 25] Check flue for spillback and security.
- 26] Function check all controls and reset to correct settings.
- 27] Check all flexible connections and joints back to the unit fuel isolation valve.
- 28] Check ventilation requirements and effect of any extract.
- 29] Check security of return bend.
- 30] Fill in report sheet and get signed by customer.
- 31] Report any defects and send estimate for the cost of rectification.
- 32] Signed yellow copy of job sheet will be sent with invoice.

VISUAL CHECKS

- a) Is combustion analysis correct and safe.
- b) Is the heat exchanger sound and safe.
- c) Is the flue structure safe and bracketed OK.
- d) Is there any flue spillback or blockages.
- e) Are there any combustibles stored near the unit.
- f) Are any air vents blocked or wrongly positioned.
- g) Is the gas main in good condition and safely bracketed.
Gas main soundness is not part of this service.
- h) Do the gas main isolation valves work and is the main coded.
- i) Is the gas main made of the correct material for the site.
- j) Are flexible connections fitted on unit heaters and radiants.
- k) Is the gas main correctly sized.
- l) Is earth bonding fitted (inform customer if not)
- m) Is the combustion ventilation fitted safely and not blocked.

CONDITIONS AND EXCLUSIONS

All work will conform to the "GAS SAFETY (INSTALLATION & USE) ACT 1998".

{We have the right under this act to turn off any unsafe equipment and we will do so}

- a) The cost of any replacement parts and the labour to fit them.
- b) Major resetting (recommissioning) of burner or distribution system.
- c) Repairs to leaking fuel lines, boilers and distribution system.
- d) Removal/replacement of any obstruction round unit preventing service.
- e) Disconnection and refitting of any flues, ducts, conduits or similar.
- f) Cleaning of main and secondary flues.
- g) Cleaning fuel lines internally and/or purging air from gas and oil pipework.
- h) Soundness testing of gas mains connected to more than two units.
- i) Any form of waiting time enforced on engineers is chargeable.
- j) Work over 12ft from floor will require our "Access Pack" which is chargeable at £36.89/ hour complete with all safety aids.
- k) Disposal of all arisings from the site is the customers responsibility.
- l) We reserve the right not to work in any unsafe environment or with any unidentified materials.