



CLEANFLOW ELECTRONIC FILTER FITTING INSTRUCTIONS to Johnson & Starley Warm Air Heaters

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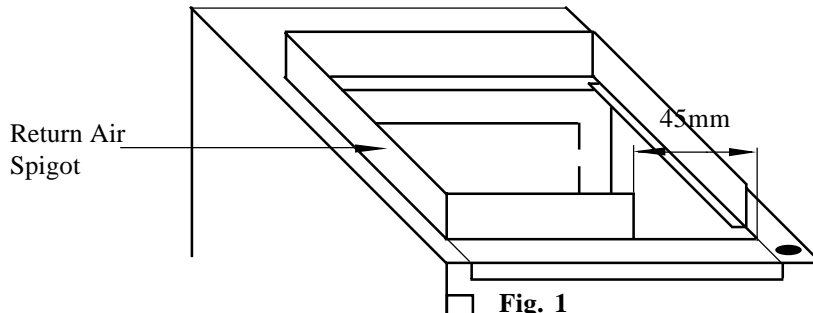
1. GENERAL DESCRIPTION

1.1 Cleanflow Electronic filter requires a 24V power supply provided by a Johnson & Starley NTK3 Kit specific to the heater model, and is suitable for use with MODAIRFLOW and non-MODAIRFLOW variants of the following Air Heaters:-

| | | | |
|-------------|-------------|-------------|-------------|
| JT19-25 | J15-22(&R) | J25-32(&R) | JA33-43 |
| JB40-50 | J55-65 | J70-90 | JB25-30 |
| HI-SPEC J30 | HI-SPEC J50 | HI-SPEC J65 | HI-SPEC J90 |

1.2 COMPONENTS CHECK

| Item | Description | Qty |
|------|-----------------------|-----|
| 1 | Cleaner rack | 1 |
| 2 | Air Cleaner | 1 |
| 3 | NTK3 Kit | 1 |
| 4 | Screw self tapping | 2 |
| 5 | Label circuit diagram | 1 |



□ Fig. 1
Return Air Spigot modification

2. FITTING INSTRUCTIONS

- 2.1 Referring to the Installation instructions supplied with the heater:
 - a. Isolate the heater electrical supply.
 - b. Remove and retain Return Air Duct, Upper and Lower compartment doors.
 - c. Remove and discard Air Filter.
- 2.2 Referring to Fig. 1, cut out segment of return air spigot front face to accommodate Cleaner Rack electrical connection. (Some heaters are already provisioned with this detail).
- 2.3 Fit the Cleaner Rack to the return air spigot, ensuring the electrical socket is to the front.
- 2.4 Drill 2 x 3.1 mm dia holes into the return air spigot sides, using the holes in the Cleaner Rack as a template, and secure the rack to the return air spigot with 2 x self tapping screws provided.
- 2.5 Seal the Cleaner Rack to return air spigot joint with sealing tape (not supplied).
- 2.6 Referring to the Fitting Instructions provided with the NTK3 Kit (ZZ516), fit and connect the TK30 Module to the Air Heater.
- 2.7 Refit return air duct.
- 2.8 Leave Air Cleaner User's Instructions with householder, and ensure they fully understand the method for Air Cleaner replacement, and cleaning of the unit.

Johnson and Starley prides itself on its ability to supply spare parts quickly and efficiently. If your local heating engineer should indicate a problem in obtaining a spare part, please ask him to contact Johnson and Starley Spares Department at the address below.

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