

9.1 Commissioning checklist

The following brief checklist allows quick setup of the detector. This procedure will be adequate for most standard installations.



IMPORTANT NOTE

1. Before powering up the detector, visually check all cabling to ensure correct connection. If wire identification is not immediately clear (e.g. by use of different coloured wires or wire identification sleeves) an electrical check should be made. Any damage caused by misconnection of the detector is not covered by warranty.
2. Power up the unit and enter the engineering access code. The factory default setting for this is **0102**. See section 3.1 'Engineering access code' for further details.
3. Enter the **Setup menu** and verify that the time and date are correct. (see section 3.4.1)
4. Set an appropriate alarm factor for the protected environment. The detector will perform a FastLearn for the new alarm factor. (see section 3.4.5)
5. Whilst the detector is still in FastLearn mode exit the program mode on the display by pressing **<RESET>** and set the detector into demonstration mode (see section 5.5). To do this, press and hold down the **<RESET>** button and simultaneously depress the **<TEST>** and **<ISOL>** buttons. The text display will then display **Demo mode** and the time and date.
6. Wait for the FastLearn to finish (when the legend **FastLearn end** will appear on the display and the 'rolling' LED indications will finish) and perform any necessary smoke tests, ensuring that the detector reacts appropriately, and let the smoke fully dissipate.
7. Perform another FastLearn, this time not putting the detector into demonstration mode. The detector will generate no alarms during the 15 minute FastLearn period, and after this the detector will operate at a reduced sensitivity for 24 hours whilst ClassiFire acclimatises to the protected environment and sets up appropriate day and night sensitivity settings.

10. Maintenance

Stratos-HSSD is a very low maintenance detection system. If required, external cleaning of the unit should be performed using a damp (not wet) cloth. Do not use solvents as these may mar the display bezel. The only part that may require field replacement during servicing is the dust separator assembly. The dust separator condition can be checked using the **Dust Separator** test in the **Diagnostics menu**, which gives a percentage reading of dust separator efficiency. When this level drops to 80% the detector will signal a **Separator renew** fault and the dust separator will need replacing. See section 3.4.38

As dust contained in the dust separators may expose maintenance personnel to a 'Nuisance Dust' hazard as defined by the 'Control of Substances Hazardous to Health' (COSHH), it is strongly recommended that suitable masks and protective clothing be worn when changing filters. Used separators are not intended for re-use and should be disposed of.

The following illustration shows how the dust separator is replaced. Make sure to push the separator fully home, or the detector will fail to register its presence, and will continue to indicate **Separator change**.

Open the front cover using the key provided, and locate the dust separator tab at the bottom right of the detector as shown. Remove the black end piece with the removal tab from the filter element and dispose of the element. Fit the new element into the plastic end piece and slide into the detector. The filter should be fitted with the legend 'IN' towards the front of the detector. If the filter is inserted the wrong way up, the detector will not register its presence and the **Separator change** legend will stay on the display. When the replacement filter is fitted, the detector will automatically start a FastLearn routine.

