

R&D Pressure Stabiliser Care and Maintenance Instructions

Smoke & Fire Rated Pressure Stabilisers



The R&D pressure stabiliser is a precision instrument. Care must be taken when handling and cleaning.

Cleaning

The stabiliser case and blade(s) should be cleaned regularly to prevent the buildup of dirt and grime. Cleaning should be undertaken with a soft cloth using warm, soapy water or a proprietary, non-abrasive cleaner.

Do not apply pressure to the blades when cleaning them. If possible support the blade with one hand when cleaning.

Maintenance

The R&D pressure stabiliser has been designed to give trouble-free performance throughout its life. It is recommended that the blades be regularly inspected for damage. Blades that have been damaged bent or twisted during cleaning or maintenance can seriously affect the performance of the stabiliser. The blades should free move from the open to closed positions without sticking or jamming. If any of these problems are found please contact R&D Ventilation Systems for advice on how to proceed.

Testing the Operation of the Fire Damper Motor

The fire damper motor drive should be periodically tested in line with local fire regulations. The supply voltage to the motor drive mechanism should be periodically interrupted to ensure that it functions correctly and the fire damper blades close. An alternative method is toggle the test switch on the ETR probe. This is shown in figure 1. Reinststate the supply voltage to the motor mechanism to reset the fire damper blades after completing the test.



Figure 1. Image showing the side access cover removed exposing the motor cassette and ETR probe

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Please contact R&D Ventilation Systems quoting the serial number of the stabiliser, which is printed on the adhesive label. Additionally, the fire damper manufacturers information / data sheets can be obtained via a link from our website.