



## **R&D PRESSURE STABILISER CARE AND MAINTENANCE INSTRUCTIONS**

### **Composite EBS / Electro-thermal Release Fire Damper Pressure Stabilisers**

#### **WARNING**

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 build up 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.**

Remove the egg crate grill from the rear of the stabiliser. Use a vacuum cleaner to remove any dust from inside the casing. The egg crate grill can be cleaned and dried prior to reattaching.

Take care not to touch the fire damper thermal fuse / release mechanism, as this may cause inadvertent operation of the fire damper blades.

#### **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 be 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 OF THE ELECTRO MAGNETIC RELEASE**

The supply voltage to the electro-magnetic release mechanism should be periodically removed to ensure that this release mechanism is functioning correctly and the fire damper blades close.

Reinstate the supply voltage to the release mechanism and reset the fire damper blades after completing the test.



Figure 1. The electro-magnetic release mechanism

## **IN CASE OF DIFFICULTY**

Please contact R&D Ventilation Systems quoting the serial number of the stabiliser, which is printed on the adhesive label.

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Additionally, the fire damper manufacturers information / data sheets can be obtained via a link from our website.