

Operation & Maintenance

apreco Air Pressure Relief Vents are factory balanced and preset to operate at designated pressure differentials. No on-site adjustments should be necessary.

Bearings are sealed for life and require no routine maintenance.

Care should be taken not to bend the air control blade in any way as this will affect its balance and the pressure setting.

In the unlikely event that the pressure setting should be required to be reset, please adopt the following procedure:

Using an accurate inclined or electronic manometer, establish the pressure at which the blade closes. This value should be equal to the required differential pressure.

1. With the air control blade in the closed position, using an adjusting tool (available on request) engage the hexagonal nut on the end of the balance weight carriage contained within the side housing of the adjusting tool in the slot of the brass weight which will be accessible through the access hole
2. To increase the opening pressure, rotate the adjusting nut anti-clockwise and vice-versa to decrease the opening pressure setting. The degree of change of pressure setting per turn of the adjustment weight varies with size of stabiliser.
3. To determine the new pressure setting value, open and close a control door to allow the room pressure to rise and fall. Use an inclined liquid or digital manometer to measure the new pressure at which the air control blade closes.
4. Having achieved a satisfactory pressure setting, replace the plastic cap with the marker pointing to the position on the dial label adhered to the flange around the access hole, for future reference.

Please Note.

In relation to the range of possible pressure setting where the vents are used in **Inert Gas Fire Protection Systems**, the range of pressure adjustment on site available is limited. For radical changes in pressure setting please consult **apreco** technical department.

www.apreco.co.uk

For additional information on installation, operating and maintenance instructions in downloadable format, please visit our website.

Note: Specifiers must satisfy themselves that the materials used in the construction of the equipment are compatible with the environment in which they will be placed and do not pose a hazard or risk of injury. Where there is any doubt please refer to our technical department. Apreco operates a policy of continual product development. The information contained within this data sheet may therefore be subject to change without notice

Members of FETA - The Federation of Environmental Trade

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