

# newsrelease...

## **NEW ACTIONAIR MARINE FIRE DAMPER DESTINED**

### **FOR WORLD WIDE APPLICATION**

The best can get better still! Ruskin Air Management has launched a new, improved version of the world-beating Actionair A-60 Marine Fire Damper.

Purpose designed for application in marine and offshore projects, Actionair A-60 Marine Fire Dampers provide a complete solution for fire safety requirements in association with ventilation and A/C systems.

Units are now available in an extended range of sizes from 100mm X 100mm up to 1m square, with the option of multiple units to meet the needs of even larger applications

#### **Major success**

Ruskin has already achieved major success with the Actionair A-60 Marine design - particularly with builders of fast ferries and luxury yachts. Orders have been won from both European yards, including those in Italy and Germany and as far afield as Australia and Chile.

Fire at sea can present an even greater hazard than on land. Safety equipment designed for marine application has to meet a whole list of stringent specifications.

Actionair's A-60 Marine Fire Damper was the world's first to achieve the coveted USCG-EU MRA Certification, confirming its suitability for use in ships and other types of marine application all over the globe.

Every unit also bears a stainless steel plate showing the distinctive "ship's wheel" logo that symbolises Marine Equipment Directive compliant (MED) approval and an individual number so that it can be tracked throughout its life cycle.

Other key approvals include Lloyds EC Type Approval (Module B), Germanischer Lloyd Approval, Lloyds Certificate of Fire Approval and American Bureau of Shipping Certification ([www.actionair.co.uk](http://www.actionair.co.uk))

#### **Performance enhancing**

In its latest form the Actionair A-60 incorporates a number of performance enhancing features. These include an electric actuator option with a 60 second reset time, an LED indicator on the Electrical Thermal Release (ETR) and a more versatile Pneumatic Thermal Release (PTR) design.



A-60 Marine Fire Dampers incorporate aerodynamic, stainless steel interlocking opposed blades, operated by a "failsafe" spring mechanism. "Failsafe" is achieved by means of a unique and patented Electrical Thermal Release (ETR), which operates automatically at 72°C, or if the power supply is interrupted.

A manual test switch permits periodic operation of the damper for test purposes, simulating actual "failsafe" release under fire conditions. Dampers can now be reset in just 60 seconds after a test.

A green LED lamp is now built into the ETR housing - giving clear and simple visual confirmation that the actuator is receiving power, the ETR is correctly fitted and the thermal fuse is intact.

The A-60's Pneumatic Thermal Release (PTR) assembly is supplied complete to 500mm of nylon tubing to connect the quick-fit PTR couplings and actuator. Activation of the in-built 74°C fusible link causes air to exhaust from the actuator causing the spring loaded PTR to close the damper. Reset after testing can be achieved in as little as 3 seconds.

### **Rectangular and circular ductwork**

A-60 Marine Fire Dampers are available for use with both rectangular and circular ductwork. They can be used in systems with maximum pressures up to 1500Pa and duct velocities to 15m/s. Models are suitable for both vertical and horizontal applications with airflow in either direction.

The stainless steel aerodynamic blades are mounted in a standard 1.2mm galvanised steel flanged type casing with a single penetration for the drive control. An optional 316 all stainless steel casing is also available. This complies with Class A and B of Eurovent 2/2 and HVCA Ductwork specification DW144. While strong and reliable, the A-60 Marine casing is light in weight to permit easier installation.

Blades - which are available in either 430 grade or 316 stainless steel options - are normally open, with "fail-safe" to the closed position

IP54 rated Control Modes are available for 24 volt, 120 volt or 230 volt electrical supply. Control Modes are designed for location outside the ductwork for easy access during installation and maintenance and are direct coupled to the Damper using a unique positive connection system.

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