



Rectangular Series Butterfly Type Isolation Damper



M.C. Air Filtration manufacture's a range of high integrity isolation dampers suitable for use in a wide range of critical ventilation & process applications associated with nuclear, biotechnology, pharmaceutical, research & hospital facilities.

The M.C. Air Filtration range of rectangular butterfly type isolation damper was developed to extend our long standing range of circular butterfly type isolation dampers.

Our product is designed to provide positive leak tight (bubble tight) operation.

The damper can be installed in any orientation and is not reliant on the duct air pressure to aid closure.

Construction:

Body & flanges	All welded construction from carbon steel with a white decontaminable epoxy coat finish or 304L / 316L grade stainless steel
Blade	Double skin construction from carbon steel with a white decontaminable epoxy coat finish or 304L / 316L grade stainless steel
Operating spindles	304L / 316L grade stainless steel with bronze iolite bushes and nitrile rubber O ring seals
Blade seal	Extruded silicone rubber
Actuation	$\frac{1}{4}$ turn stainless steel hand-lever with positive thumb screw locking in both the fully open & closed positions (supplied with or without padlock option) Electric or pneumatic actuation (power open - power close or spring return)
Factory Testing	After manufacture each isolation damper will be air pressure leak tested to ensure it is leak free across the blade and all seals. The test pressure can be specified at any value between \pm 1KPa & 6KPa
Temperature	Standard product is suitable for use at temperatures between 5°C & 70°C however both low and high temperature options are available to special order.

Quality Control:

All M.C. Air Filtration isolation dampers are manufactured and tested under strict quality controlled conditions in accordance with our BS EN ISO 9001:2008 accreditation.

Each damper will be individually factory tested and allocated with a unique serial number for future traceability.

Alternative sizes, specifications and materials of construction are available; please contact our Sales office to discuss your specific requirements.

We reserve the right to change product specification without notice

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