



INDUSTRIAL DAMPERS

Butterfly Dampers • Multilouvre Dampers • Guillotine Dampers
Radial Vane Dampers • Flap Isolators • Diverter Dampers • T-Ducts

Product Catalogue

APPLICATIONS



Chemical and Fertilizer Plant



Steel - Plant



Cement-Sector



Defence



Thermal Power Plant



Oil Gas Plant



NUCLEAR Power Plant



CVT - VT Transformers

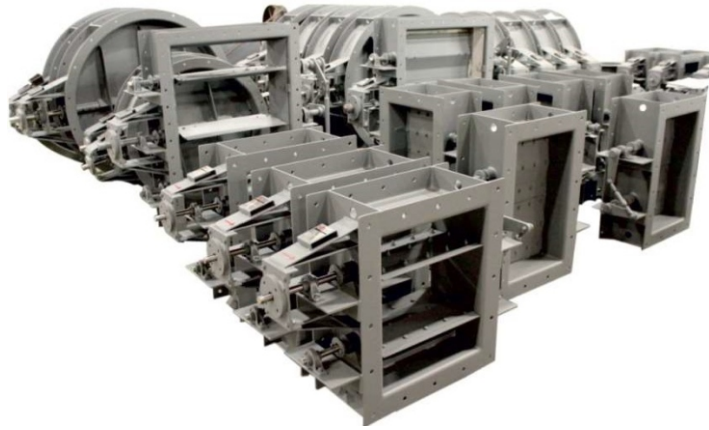


Railways (locomotive)



Water

ABOUT US



- Flexatherm, incorporated in 1992 and serving the industries with its consistent quality, design, manufacturing capability and customer satisfaction.
- We are a renowned manufacturer of expansion joints and industrial dampers. We provided damper solutions for Cement, Steel and Power sectors mainly. We also cater for Oil and Gas. Fertilizer, Gas cleaning systems, Sulfuric acid plants and Fan inlet/ outlet controls.
- Flexatherm's quality is approved by various international and national third-party inspection agencies like Lloyds, Tata Projects Limited, TUV, BV and PDIL. Our Quality Management System is certified with ISO 9001:2015. ISO 14001:2015 & ISO 45001:2018

INFRASTRUCTURE



- Manufacturing facility of 70,000 Sq.Ft. and 5,000 Sq.Ft. of office and storage building. Flexatherm has total area of 4,00,000 Sq.Ft.
- Blasting and painting facility is available in-house to have control on quality and on time delivery.
- Flow test set up to test the dampers for sealing efficiency on flow

INDUSTRIAL DAMPERS

Butterfly Dampers

- Butterfly Dampers are simple and cost effective, provides regulating and ON-OFF services.
- Sealing arrangements decides the required sealing efficiency, we offer 100% isolation dampers with seal air system.
- Butterfly dampers can be operated pneumatically, electro-Pneumatically, electrically, mechanically or manually by a simple hand lever.

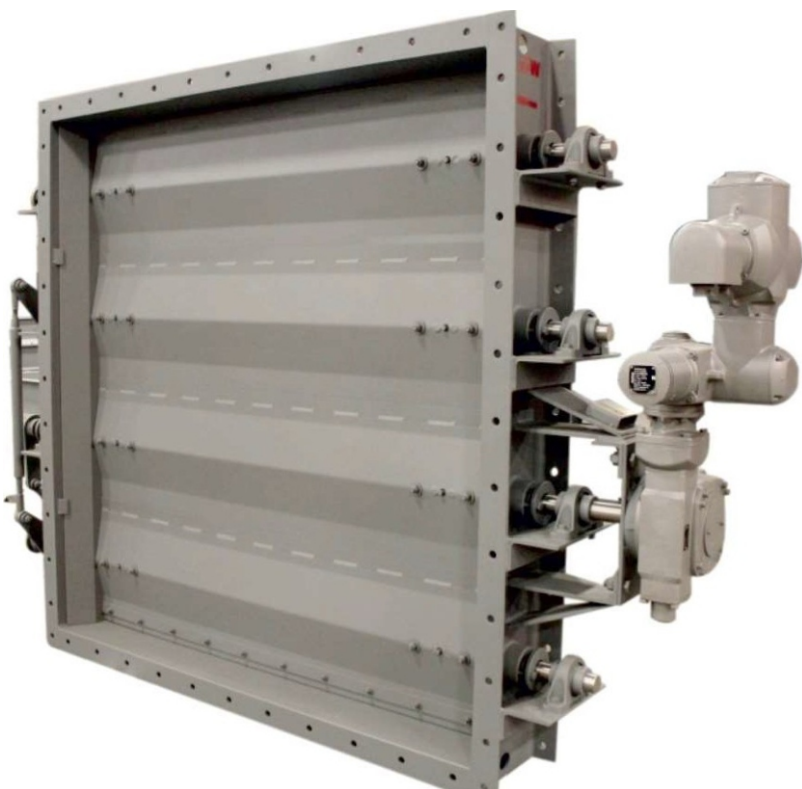


Multilouvre Dampers

- Multilouvre dampers are available in parallel or opposed bladed action. Opposed blade operation provides better flow modulation.

Various sealing arrangements can be made, from simple metal-to-metal to double skin blade sealing system with seal air fan to provide 100% isolation.

Multilouvre dampers can be operated pneumatically, electro-pneumatically, electrically, mechanically or even manually by a simple hand lever.



Guillotine Dampers

- Guillotine dampers are used in many applications where a positive isolation is required.
- Guillotine dampers are constructed from heavy formed channels and structurally designed blades.
- Bonnets will be provided for high temperature applications and where leak to atmosphere is not permitted.
- Actuation can be manual, pneumatic or electric, with different lifting mechanisms according to client specifications.



Radial Vane Dampers

- Radial vane dampers are used in fan inlet applications, to provide modulating control of the air flow into the fan and at the same time provides a "swirl" at the inlet which enhances the performance of the fan.
- The inlet vane control dampers are designed with or without a center hub. Without a center hub design requires a pair of bearings per shaft over central hub design but it provides less pressure drop.
- Actuator can be manual, electrical or an electro-pneumatic system.



Flap Isolators & Diverter Dampers

- Diverter dampers are most commonly used in Turbine Exhaust Gas applications, to divert the exhaust gasses from waste heat recovery boiler to bypass stack.
- Flap isolators are mainly used in coal mill isolation, as a replacement of slide gate (guillotine) dampers. A vent valve provided on the isolator helps to relieve the hot gasses leaked through first set of seals to achieve 100% isolation.

QUALITY ASSURANCE

- TEST ON DAMPERS :

Functional Test

Leak Tightness Test (Feeler Gauge Method)

Flow Test



CERTIFICATIONS :

- ISO 9001-2015
- ISO 14001-2015
- ISO 45001: 2018
- IBR (Indian Boiler Regulations)
- DGQA (Director General of Quality Assurance)



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