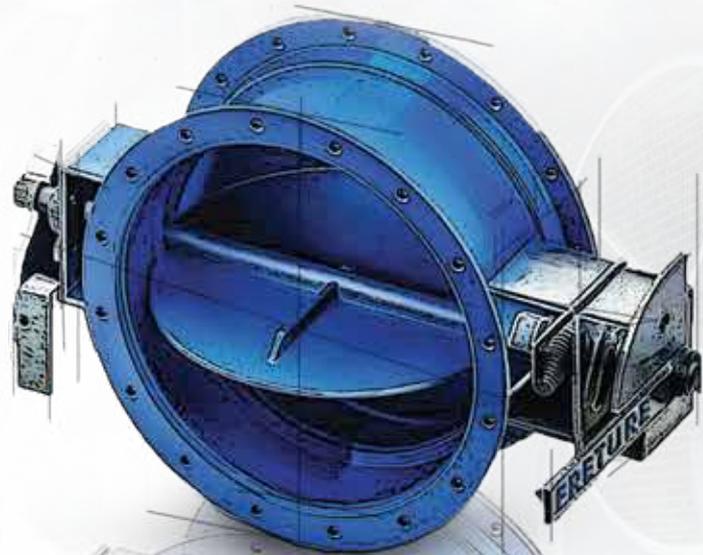
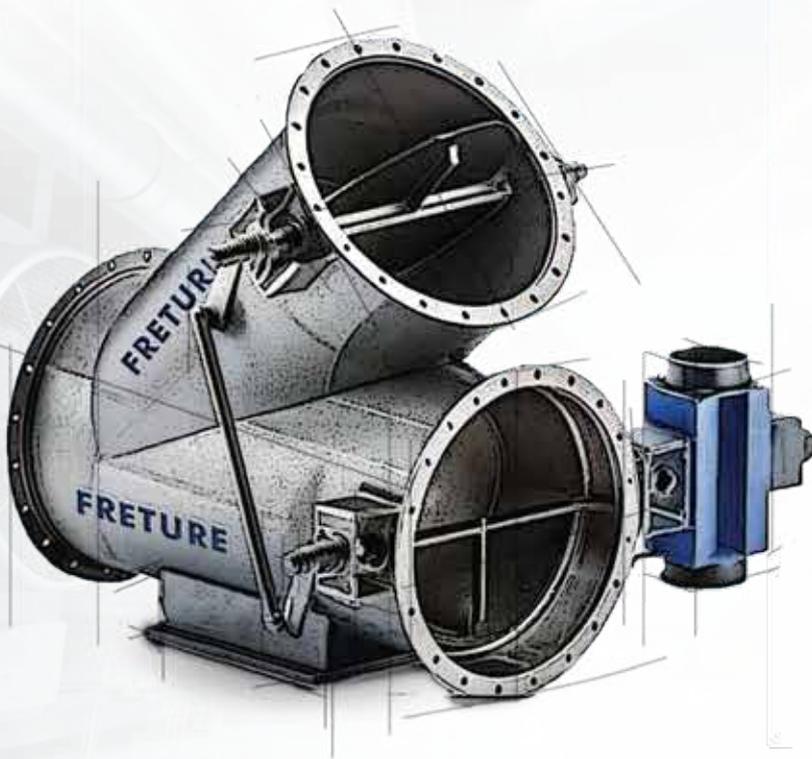


FRETURE

EMISSION FREE PROCESS

PROCESS AUTOMATION & CONTROL



BUTTERFLY | DIVERTER | VANE | GATE | DAMPERS

www.freture.com

ISO 9001 - 15000 | ISO 14000 | ISO 45001 | PED 2014 / 68 / EU

BUTTERFLY DAMPER

Freture Techno's Butterfly dampers are vital for regulating airflow in ducts, fans, and ventilation systems. They feature **manual, electric, or pneumatic actuation** to suit various needs and come in open/closed or modulating modules for precise control.

Equipped with seals like **tadpole, metal seat, and control & balancing**, they ensure efficient sealing. Configurations such as round, square, and rectangular suit diverse applications, while **stainless steel or painted carbon steel** offers durability and corrosion resistance. Widely used in HVAC, manufacturing, and power industries, butterfly dampers optimize ventilation, pressure, and airflow.



Applications



Air



Gas



Steam

Size	Pressure	Temperature
6" to 144"	1-PSI & 4000 FPM	up to 2200° F

Features

- 99% shutoff efficiency
- Precise Flow Control
- Heat and cold resistance
- Energy Efficiency
- Corrosion Resistance
- Maintenance free

DIVERTER DAMPER



Freture Techno's Diverter dampers are key for directing airflow or gas in industrial systems. Available in round, square, and rectangular configurations, they are made from stainless steel or painted carbon steel for durability. With a shutoff capability up to 99% and various seal options like tadpole, metal seat, and swing-thru, they ensure tight control.

Actuation can be manual, electric, or pneumatic, with spring return and failsafe options. These dampers can be configured in 2-way, 3-way, or 4-way systems, providing modulation, diversion, and isolation of airflow or gas. Reliable, cost-effective, and versatile, diverter dampers optimize system performance and flow control.

Size	Pressure	Temperature
10" to 48"	1-PSI & 4000 FPM	up to 1800° F

Applications



Air



Gas



Steam

Features

- 99% shutoff efficiency
- Precise Flow Control
- Low Heat Loss
- Actuation & Automation
- Corrosion Resistance
- High-temperature seals

INLET VANE DAMPER

Freture Techno's Inlet vane dampers, also known as Variable Inlet Vane Dampers (VIV) or Radial Vane Dampers, improve fan efficiency by pre-spinning air in the same direction as the fan rotation before it enters the fan inlet. This reduces fan pressure and energy consumption, enhancing performance and extending fan life.

Available in round configurations, they offer actuation options like manual, electric, or pneumatic, with open/closed or modulating control. Constructed from stainless steel or painted carbon steel, these dampers are ideal for clean air/gas environments. With reliable sealing options and field-changeable pre-spin rotation, they ensure long-term savings and reduced maintenance.



Size	Pressure	Temperature
10" to 96"	1-PSI & 4000 FPM	up to 1100° F

Features

- Seal Versatility
- Multi blade configuration
- Centrifugal Fan
- Pre-Spin Airflow Control
- Corrosion Resistance
- High Velocity Tolerance:

Applications



Air



Gas



Steam

GATE DAMPER



Applications



Air



Gas



Steam

Freture Techno's Slide gate dampers, also known as guillotine dampers, are ideal for industrial applications requiring low leakage, low-pressure drop, and minimal maintenance. With manual, electric, or pneumatic actuation options, and open/closed or modulating control, they are versatile in flow isolation.

Available in round, square, and rectangular configurations, these dampers are made from stainless steel or carbon steel for durability in harsh environments, including corrosive gases and high temperatures. Their design is space-efficient, requiring minimal flange-to-flange space. With fewer moving parts, slide gate dampers reduce maintenance needs, offering reliable, long-term operational savings in applications involving frequent

Size	Pressure	Temperature
10" to 120"	1-PSI & 4000 FPM	up to 1000° F

Features

- 99% shutoff efficiency
- Precise Flow Control
- Enclosed bonnet
- Actuation & Automation
- long-term operations Safety
- Corrosion and Heat Resistance

BACK DROP DAMPER

Freture Techno's backdraft dampers are engineered to allow airflow in one direction while preventing backflow, ensuring effective air intake or exhaust and pressure relief. These dampers are built to withstand high back pressures and airflow velocities, making them ideal for demanding industrial environments.

Available in open/closed or modulating modules, with seals such as tadpole, metal seat, and control & balancing, they come in round, square, and rectangular configurations. Made from stainless steel or painted carbon steel, these dampers offer durability and reliability. With adjustable counterbalanced weights or optional actuation, they ensure optimal system performance by preventing contamination.



Size	Pressure	Temperature
6" to 144"	1-PSI & 4000 FPM	up to 2200° F

Features

- High-Pressure Tolerance
- One-Way Airflow Control
- Contaminant Protection
- Energy Efficiency
- Minimal air restriction
- Maintenance free

Applications



CLIENTELE



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