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**AIRVISION
RANGE**



▶ Centrifugal industrial fans



▶ Heavy duty centrifugal fans



▶ Axial, wall and roof fans for building ventilation



▶ Axial, centrifugal fans and ventilation accessories in plastics



▶ Side channel and multi-stage blowers



▶ Dampers to cut off or regulate gases



▶ Acoustics, specific solutions for fans

Dampers
To cut off
or regulate gases.



Founded in 1999, and strongly sustained by continuous growth since then, Air Vision has become an incontrovertible protagonist in the supply of industrial process fans in Benelux and France.

Some equipments should be isolated for maintenance works. In other cases, the output of gases should be regulated in relation to different parameters. The range of dampers and valves available should, once that is established, cover the particular constraints of the processes (size, temperature of gases, corrosion, abrasion...) with a wide range of different actuators.

The design of the damper will be chosen on the basis of an analysis of its purpose, which, very often, will be defined in relation to that of the fan.

Air Vision selects the key purchase corresponding to the specifications submitted, taking into account both economic criteria such as investment and operating costs, and also technical criteria such as reliability, longevity and energy efficiency, which are important issues for decision makers.

▶ Heavy duty Dampers and Valves for Industrial Processes

This range can meet the requirements of the most demanding circumstances in industrial processes.

SIZE : from 0 to 3000 mm and tailor-made rectangular sections according to specifications.

TEMPERATURE : up to 1200°C.

TIGHTNESS : up to 100% thanks to execution with air barrier or gas seal system.

MATERIALS : use of different types of steel, ebonite coated steel, stainless steel and refractory concrete.



┌ Multi-louvers or Butterfly Dampers

Circular or rectangular, intended for the isolation of DeNox equipments, boilers, baghouse filters, cogeneration plants, etc, or for the control of air flows in waste incineration plants, cement plants, glass works, steel works, etc.

- Tight execution up to 100% with air or gas barrier.
- Use of different types of steel for gas carrying dust or corrosive materials.
- Execution for temperatures of up to 1200°C with inner lining in refractory concrete.



▶ Slide gate Dampers

Circular and rectangular for occasional isolation of ducts for smoke up to 550°C.

- Excellent tightness and reduced space requirements between flanges.
- Dimensions: all executions on demand.
- Open/close mechanism of rack and guiding of the slide gate.

▶ Other Dampers

DIVERTER OR BY-PASS at 3 ways, with synchronisation mechanism for the shutters to manage the recovery of energy in the exhaust fumes of cogeneration power stations.

With a TRAP at the entrance or end of the line.

SPECIAL TYPES : any execution on request



▶ DAMPERS AND VALVES SPECIFIC TO OUR RANGES OF INDUSTRIAL FANS

Inlet vane control and dampers with delivery adapted to the characteristics of the fans.

▶ DAMPERS AND VALVES IN PLASTIC MATERIALS

This range enables us to meet the challenges of corrosion with executions in PP, PEHD, PVDF, PVC and other materials if required.

▶ DAMPERS AND VALVES FOR VENTILATION and smoke extraction from buildings, production floors or car parks.

Motorisation Electrical or pneumatic actuators. Type ¼ turn or linear, with possible air tank to return into position in case of compressed air failure.

- Chainwheel or manual shift wheel
- Various accessories: electropositioner, limit switches, sealing air fan.

References :

DREVER – AGC – SNCLavalin – CMI – DESMET Engineers & Contractors – SPIE – IPALLE – HAMON - CBR - WOS - AXIMA