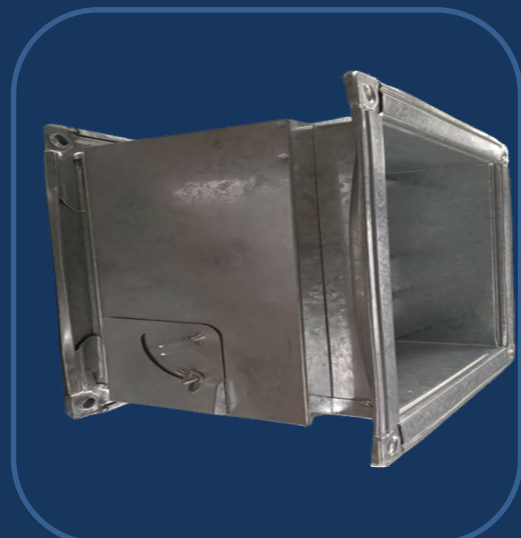
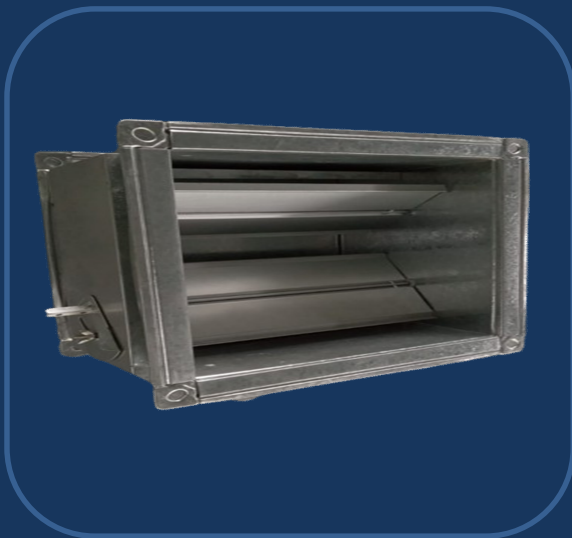




VOLUME CONTROL DAMPERS

Our premium Volume Control Dampers offer precise airflow control, durable construction, and customizable options to suit your HVAC needs. They help optimize system efficiency and reduce energy waste, ensuring seamless integration into any project



- ❖ Volume Control Dampers: its importance in HVAC systems, and typical applications.
- ❖ Key Features: List of key features, such as durability, precision control, and customization options.

PRODUCT SPECIFICATION

◆ Material Specification

- ❖ Galvanized Steel : composition, corrosion resistance and specification,
- ❖ Stainless Steel : Grade available, ideal environments and advantages

◆ Blade Types

Opposed Blade:

- ❖ Description: Blades move in opposite directions for finer control.
- ❖ Applications: Best for mixing or modulating airflow.
- ❖ Advantages: Improved airflow distribution and control.

◆ Frame and Blade Thickness

Frame Thickness :

- ❖ Options : 16-gauge(1.2mm), 18-gauge(1.0mm), 20-gauge(0.8mm).
- ❖ Applications : Different gauges for varying airflow and pressure needs.

◆ Actuation Options

Manual Actuators:

- ❖ Types : Lever, hand crank.
- ❖ Benefits : Cost-effective, easy to install.

Electric Actuators:

- ❖ Types : Motorized, integrated with BMS.
- ❖ Benefits : Automation, precision, Remote control.
- ❖ Actuators of client's choice will be supplied separately.
- ❖ Dampers will be provided with extended spindle to fix actuator on-site.

◆ Sealing Options

Blade Seals :

- ❖ Materials : Silicone, EPDM.
- ❖ Purpose : Minimize air leakage.

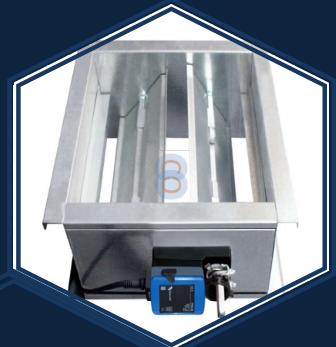
◆ Finish Options

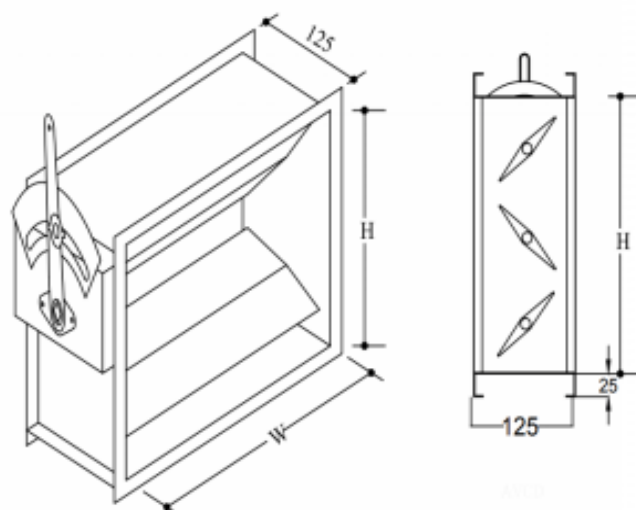
Painted Finish:

- ❖ Color Options : Available colors.
- ❖ Applications : Where aesthetics and protection are essential.

Galvanized Finish :

- ❖ Description : Galvanized Sheet finish without additional coatings.
- ❖ Mounting Options: Detailed instructions for flange-mounted and slip-in installation.





- ❖ Maintenance Tips: Routine maintenance and inspection recommendations.
- ❖ Troubleshooting: Common issues and solutions.
- ❖ Dampers without flanges available as option for duct insertion purpose

ORDERING INFORMATION

- ❖ How to Order: Steps for ordering, including how to specify sizes, materials, and options.
- ❖ Lead Times: Typical manufacturing times.
- ❖ Contact Information: Sales and support contact details.

PRODUCT DRAWINGS & DIAGRAMS

- ❖ Technical Drawings: Provide dimension drawings for standard damper models.
- ❖ Cross-Section Views: Illustrate internal components and assembly.
- ❖ Wiring Diagrams: For electric and pneumatic actuators

WARRANTY & SUPPORT

- ❖ Warranty Information: Details on products warranty coverage.
- ❖ Support Services: Available technical support, including installation, troubleshooting, and maintenance.

MATERIAL SUPPLIED BY MEP SOLUTIONS

- ✓ NBR INSULATIONS (GULF -O -FLEX)
- ✓ RUBBER SUPPORT INSERT (RSI)
- ✓ VFD (YASKAWA)
- ✓ DUCT SHEET / ACCESSORIES
- ✓ MOTORIZED VCD
- ✓ DUCT FABRICATION
- ✓ VOLUME CONTROL DAMPER
- ✓ HANGING MATERIALS
- ✓ GI NUT & BOLT
- ✓ LP/ CO2/ RH SENSORS



19/N/5, Bandarawatte, Eldeniya, Kadawatha

E- Mail: info@mepsolutions.lk

Website: www.mepsolutions.lk

Tel: 0764588830/ 076-2468326 / 077-2326254