

**FLANGE TYPE (GA - VCD)**



**APPLICATION**

The Flange Type Volume Control Damper has been specially designed for installation in system where high / medium / low pressure are experienced. These dampers are designed to operate from one control point. The damper's blade opening is controlled by hand locking quadrant.

**MATERIAL SPECIFICATIONS**

**Casing**

0.9 - 1.8mm thickness Galvanized sheet

**Blades**

Airfoil blades made of 1.1mm thick Aluminum extruded

**Blade Seal**

Foam Gasket

**Bushes**

PVC bushes size 12mm x 12mm sq w/ drive

**Linkage**

Linkages are made of 3mm thick Galvanized steel

**Handle**

Handle is made of 1.2mm thick (18 gauge) Galvanized steel with integral rotation slot indicating blade open & close position

**Spindle**

Spindles are made of 12mm x 12mm square Galvanized steel

**Operating Temperature**

-10°C to 110°C as standard

**DIMENSIONS OF DAMPERS**

Minimum size of 100mm (width) x 100mm (height) and maximum size of 1200mm x 1200mm for single section and 2400mm x 2400mm for multisection.

Standard size of the flange is 30mm

Standard length is 170mm

*\*Material Specifications subject to change as per customer's demand.*

**FLANGE TYPE (GG - VCD)**



**APPLICATION**

The Flange Type Volume Control Damper has been specially designed for installation in system where high/ medium/low pressure are experienced. These dampers are designed to operate from one control point. The damper's blade opening is controlled by hand locking quadrant.

**MATERIAL SPECIFICATIONS**

**Casing**

0.9 - 1.8mm thickness galvanized sheet

**Blades**

3V Blades made of 0.9, 1.2, 1.5mm thickness galvanized sheet or airfoil galvanized blades

**Blade Seal**

Vinyl or Foam Gasket

**Bushes**

PVC bushes size 12mm x 12mm sq w/ drive

**Linkage**

Linkages are made of 3mm thick Galvanized steel

**Handle**

Handle is made of 1.2mm thick (18 gauge) Galvanized steel with integral rotation slot indicating blade open & close position

**Spindle**

Spindles are made of 12mm x 12mm square Galvanized steel

**Operating Temperature**

-10°C to 110°C as standard

**DIMENSIONS OF DAMPERS**

Minimum size of 100mm (width) x 100mm (height) and maximum size of 1200mm x 1200mm for single section and 2400mm x 2400mm for multisection.

Standard size of the flange is 30mm

Standard length is 170mm

*\*Material Specifications subject to change as per customer's demand.*

**FLANGE TYPE (GAM - VCD)**



**APPLICATION**

The Flange Type Volume Control Damper has been specially designed for installation in system where high/medium/low pressure are experienced. These dampers are designed to operate from one control point. The damper's blade opening is controlled by electric motor.

**MATERIAL SPECIFICATIONS**

**Casing**

1.2 - 1.8mm thickness Galvanized sheet

**Blades**

Airfoil blades made of 1.1mm thick Aluminum extruded

**Blade Seal**

Foam Gasket

**Bushes**

Brass bush size 12mm Ø

**Linkage**

Linkages are made of 3mm thick Galvanized steel

**Spindle**

Spindles are made of 12mm Ø Round Galvanized steel

**Operating Temperature**

-10°C to 110°C as standard

**DIMENSIONS OF DAMPERS**

Minimum size of 100mm (width) x 100mm (height) and maximum size of 1200mm x 1200mm for single section and 2400mm x 2400mm for multisection.

Standard size of the flange is 30mm

Standard length is 170mm

**SELECTION OF MOTORS**

Motors are selected by torque requirement and application type in relation to the size of the damper.

Damper Size (mm)	Torque of Actuator	Actuator Type	Voltage
From 100 x 100 to 500 x 500	5	On / Off or Modulating w/ return spring or w/o return spring	24 V or 230 V
From 550 x 550 to 1200 x 1200	10	On / Off or Modulating w/ return spring or w/o return spring	24 V or 230 V

\*Material Specifications subject to change as per customer's demand.

**FLANGE TYPE (GGM - VCD)**



**APPLICATION**

The Flange Type Volume Control Damper has been specially designed for installation in system where high/medium/low pressure are experienced. These dampers are designed to operate from one control point. The damper's blade opening is controlled by electric motor.

**MATERIAL SPECIFICATIONS**

**Casing**

1.2 - 1.8mm thickness Galvanized sheet

**Blades**

3V Blades made of 0.9, 1.2, 1.5mm thickness galvanized sheet or airfoil galvanized blades

**Blade Seal**

Vinyl

**Bushes**

Brass bush size 12mm Ø

**Linkage**

Linkages are made of 3mm thick Galvanized steel

**Spindle**

Spindles are made of 12mm Ø Round Galvanized steel

**Operating Temperature**

-10°C to 150°C as standard

**DIMENSIONS OF DAMPERS**

Minimum size of 100mm (width) x 100mm (height) and maximum size of 1200mm x 1200mm for single section and 2400mm x 2400mm for multisection.

Standard size of the flange is 30mm

Standard length is 170mm

**SELECTION OF MOTORS**

Motors are selected by torque requirement and application type in relation to the size of the damper.

Damper Size (mm)	Torque of Actuator	Actuator Type	Voltage
From 100 x 100 to 500 x 500	5	On / Off or Modulating w/ return spring or w/o return spring	24 V or 230 V
From 550 x 550 to 1200 x 1200	10	On / Off or Modulating w/ return spring or w/o return spring	24 V or 230 V

\*Material Specifications subject to change as per customer's demand.