

PRE-INSULATED TYPE (PA - VCD)

APPLICATION

The Pre-Insulated 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

Sandwich Panel 20mm/30mm thickness

Blades

Airfoil blades made of 1.1mm thick aluminum extruded

Blade Seal

Foam Gasket

Bushes

PVC size bushes 12mm x 12mm sq with 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 and close position

Spindle

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

Operating Temperature

-10°C to 80°C as standard

DIMENSIONS OF DAMPERS

Minimum size of 100mm (width) x 100mm (height) and maximum size of 1200mm (width) x 1200mm (height)

Standard thickness of the flange is 20mm

Standard length is 170mm

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

PRE-INSULATED TYPE (PAM - VCD)

APPLICATION

The Pre-Insulated 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

Sandwich Panel 20mm/30mm thickness

Blades

Airfoil blades made of 1.1mm thick aluminum extruded

Blade Seal

Foam Gasket

Bushes

Brass bushes size 12mm x 12mm sq with drive

Linkage

Linkages are made of 3mm thick Galvanized steel

Spindle

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

Operating Temperature

-10°C to 80°C as standard

DIMENSIONS OF DAMPERS

Minimum size of 100mm (width) x 100mm (height) and maximum size of 600mm (width) x 400mm (height)

Standard thickness of the flange is 20mm

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.