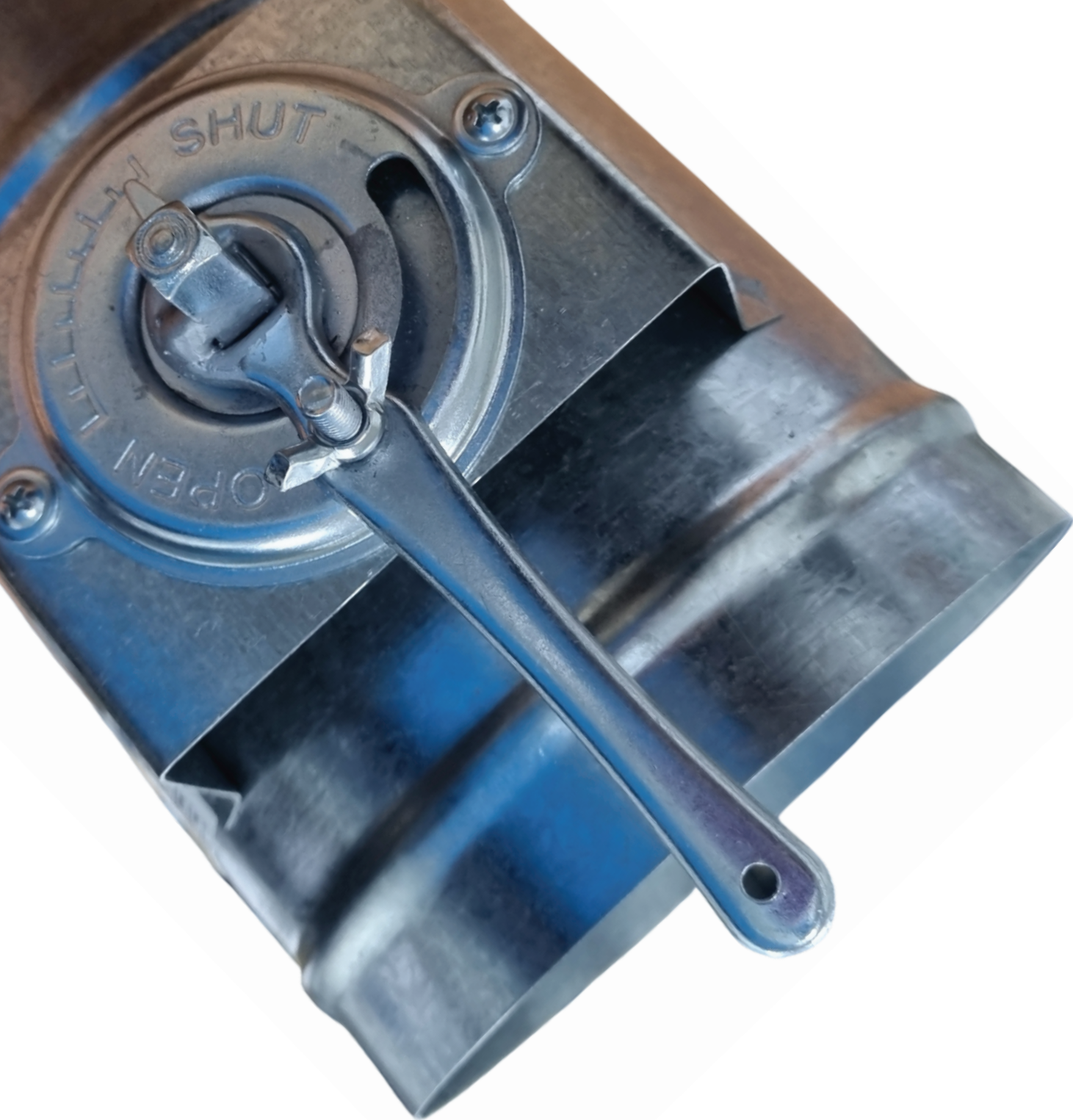




EXCELAIR
ROUND VOLUME
CONTROL DAMPER

EXCELAIR

Since 1982

EXCELAIR model EVCD Series Volume Control Dampers are widely used in Heating, Ventilation and Air Conditioning (HVAC) systems through out Middle East and South Asia. Unique construction and manufacturing technique and superior design make the dampers quiet and reliable in giving conditioned controlled air volume to various zones/applications.

Constructional Details (EVCD-200/ True Round)

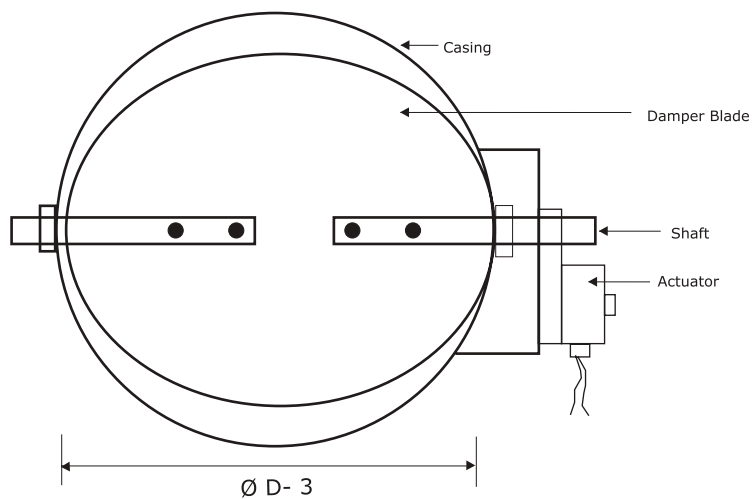
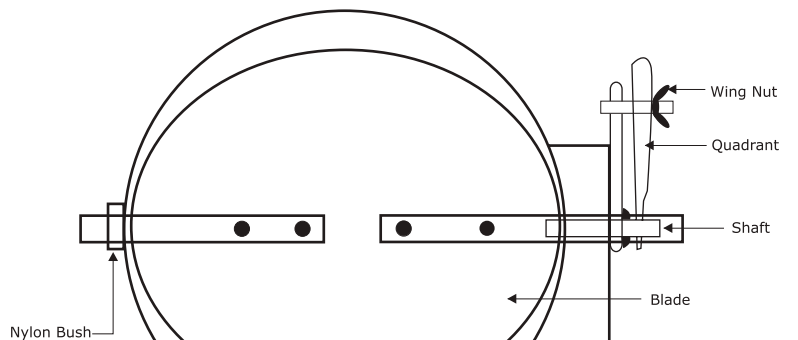
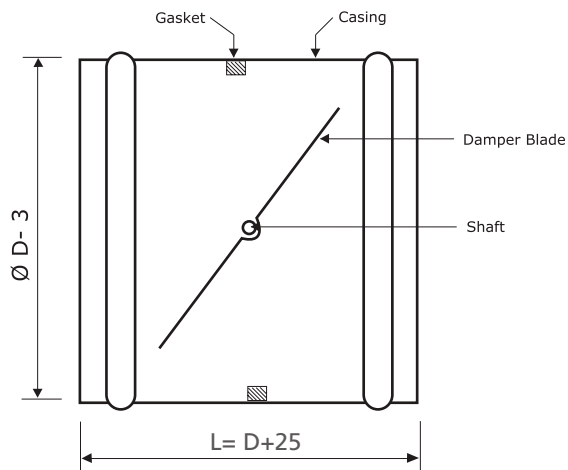
Application & Features

- EVCD-200 series Round Volume Control Dampers are designed with a rigid, robust assembly from formed steel sheet.
- Body is constructed from heavy gauge galvanized steel sheet.
- Nylon bush of internal square size for smooth blade operation in both static & dynamic conditions.
- Hand locking quadrant is coupled with handle by locking wing nut. Hand locking quadrant is marked to show exact open/close position of damper.

Constructional Details

- Casing: 0.90mm thick zinc coated galvanized steel casing (body).
Aluminium and Stainless Steel casing is available as option.
- Blade: 0.7mm thickness zinc coated galvanized steel blade.
Aluminium and Stainless steel blades are available as optional.
- Bearing: 10 x 10 mm Square PVC or Nylon bush. Brass or Bronze bearing (bush) is available as optional.
- Shaft: 10 x 10 mm square, plated galvanized steel shaft
- Quadrant: Manual operation, locking type quadrant made of stamped galvanized steel with "Open" and "Close" markings with position locking wing nut.
- Gasket: Foam gasket to prevent air leakage in shut off position.
- Finish: Mill Finish
- Minimum Size: 100mm, Maximum Size: 600mm.
Special size of 601mm to 800mm is available and the constructional details shall be provided upon request.
- Actuator: Motorized Volume control damper fitted with 230V or 24V two position (Open/close) actuator without limit switch. Dampers with extended shaft can be provided to suit the site conditions and to fix the actuator at site. Other actuator configurations are available upon request
- Connection with duct: Plain

Model: EVCD-200/ (True Round Type)



Minimum Size: 100mm
Maximum Size: 600mm

*Special constructions are available upon request.

Note: The photos shown are only for illustration purpose. The actual product may vary. Please contact the technical/sales department for more information.

Round Volume Control Damper

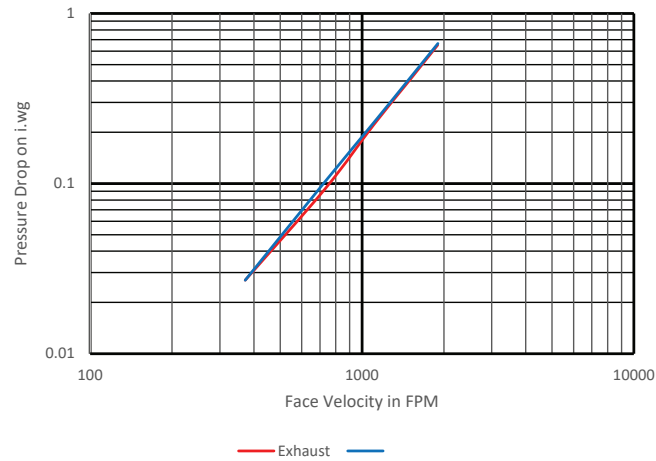
Optional Details

Optional Construction Details

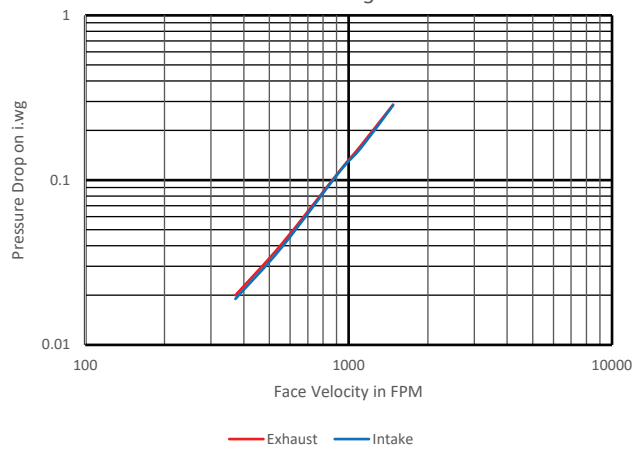
Galvanized Steel Casing	0.70mm Thick Casing 1.0mm Thick Casing 1.2mm Thick Casing 1.5mm Thick Casing 1.6mm Thick Casing 1.8mm Thick Casing 2.0mm Thick Casing
Stainless steel Casing	0.8mm Thick Casing 1.0mm Thick Casing 1.2mm Thick Casing 1.5mm Thick Casing 2.0mm Thick Casing (Grade: SS304.SS304L, SS316, SS316L)
Mild steel Casing	1.2mm Thick Casing 1.5mm Thick Casing 2.0mm Thick Casing
Galvanized steel Blade	0.70mm Thick Blade 1.0mm Thick Blade 1.2mm Thick Blade 1.5mm Thick Blade 1.6mm Thick Blade 1.8mm Thick Blade 2.0mm Thick Blade
Stainless steel Blade	0.8mm Thick Casing 1.0mm Thick Blade 1.2mm Thick Blade 1.5mm Thick Blade 2.0mm Thick Blade (Grade: SS304.SS304L, SS316, SS316L)
Mild steel Blade	1.2mm Thick Blade 1.5mm Thick Blade 2.0mm Thick Blade
Blade Axle	Galvanized steel Stainless Steel
Blade bush	Brass Bronze Stainless Steel
Gasket	Foam Rubber Neoprene

* Other optional constructions are available upon request

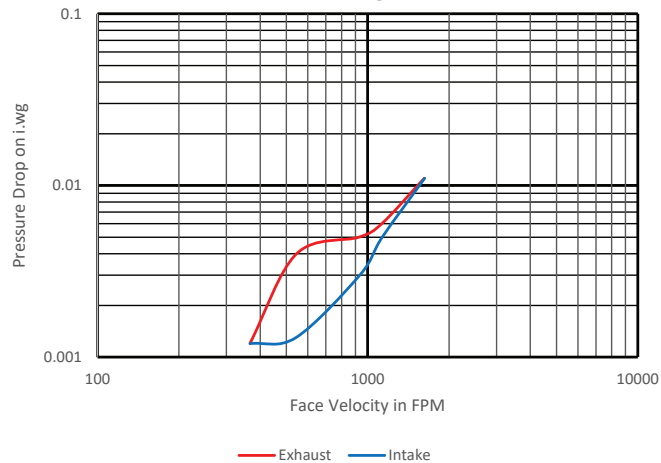
EVCD-200/Round 4" Dia
AMCA fig.5.5



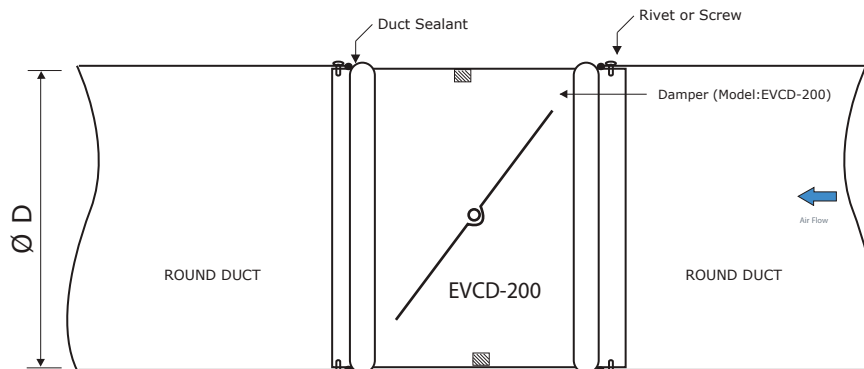
EVCD-200/Round 14 " Dia
AMCA fig.5.5



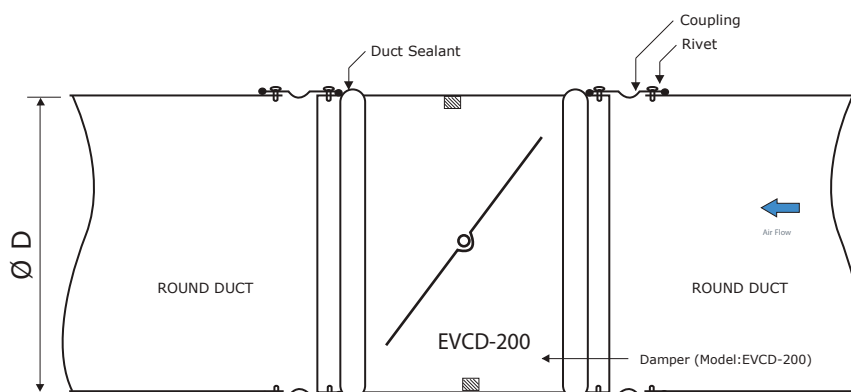
EVCD-200/Round 24 " Dia
AMCA fig.5.3



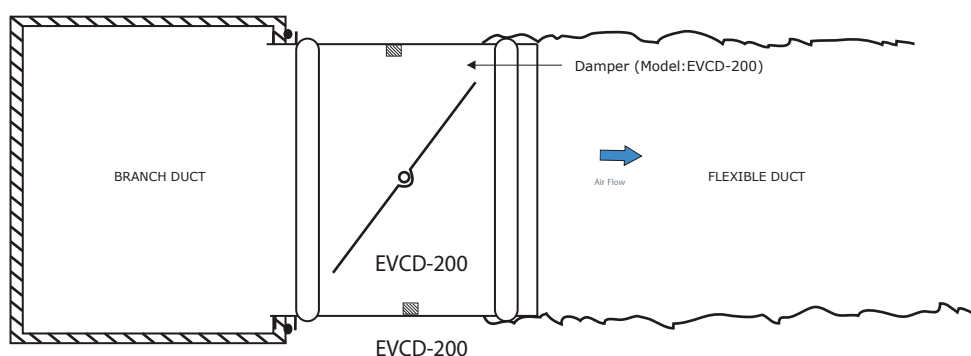
Damper to Plain Duct Connection :



Damper to Duct Connection with Coupler :



Damper to Direct Duct Connection :



1.Model

Round Volume Control Damper

EVCD-200

2.Construction

Galvanized steel construction
Stainless Steel construction
Mild Steel Construction

GI
SS
MS

3.Operation

Manual
Motorized

M

4.Size

Diameter

in mm

5.Number of Units

Quantity

in Numbers

EXCELAIR

Products from



An ISO Certified Company

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