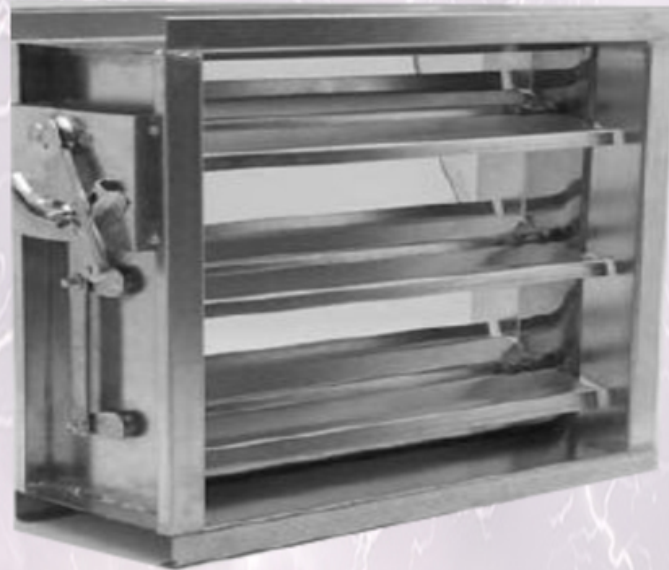




# ALSHARQA



## GALVANIZE STEEL VOLUME DAMPER

AIR OUTLETS  
TECHNICAL CATALOGUE



Air Conditioning and Industries

المصرية الخليجية لأعمال التكييف - الشارقة  
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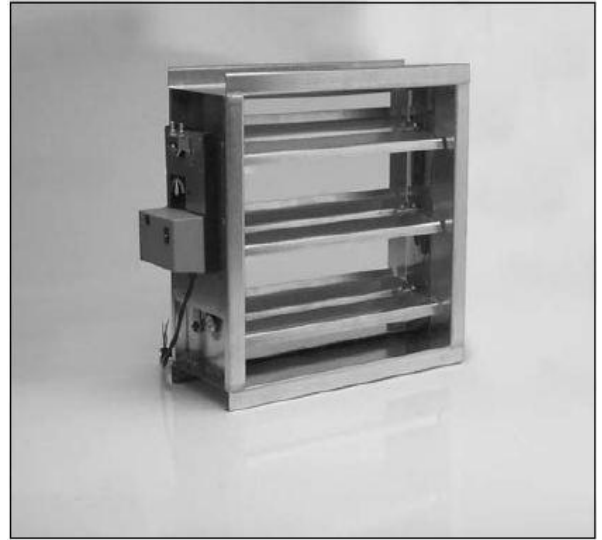


[www.alsharqa.com](http://www.alsharqa.com)

## DESCRIPTION

(Flange Type)

**MODEL:AFVD TYPE.**



### Description

Single and multi-leaf volume control dampers are designed for quiet, efficient and reliable air volume control in ventilation systems.

The AFVD Damper is ruggedly built damper, with a case of robust assembly formed from channel frame for flanged connections to ductwork. The blades are formed single skin reinforced, with longitudinal structurally designed vee.

Blade action is standard as parallel but can be supplied as opposed blade action at no additional charge.

Blade edge seals and jamb (side) seals can be fitted for low leakage requirements. Dampers can be manual with locking quadrant or motorized with a wide range of electrical actuators readily available.

**DESCRIPTION****Standard Construction****FRAME:**

galvanized steel, structurally designed hat section.

**BLADES:**

300mm max. width, 1.25mm or 1.5mm(16 ga.) galvanized steel.

**FINISH:**

Mill galvanized.

**LINKAGE:**

Face linkage parallel blade operation.

**CASE BEARINGS:**

Brass bearing as standard.

Sintered bronze oilite (optional).

**AXLES:**

12mm diameter zinc plated mild steel.

**CONTROL SHAFT:**

12mm diameter zinc plated mild steel. (Removable for sleeve shaft).

**MINIMUM SIZE:**

100 x 100mm, damper up to 300mm high are single blade construction.

**MAXIMUM SIZE:**

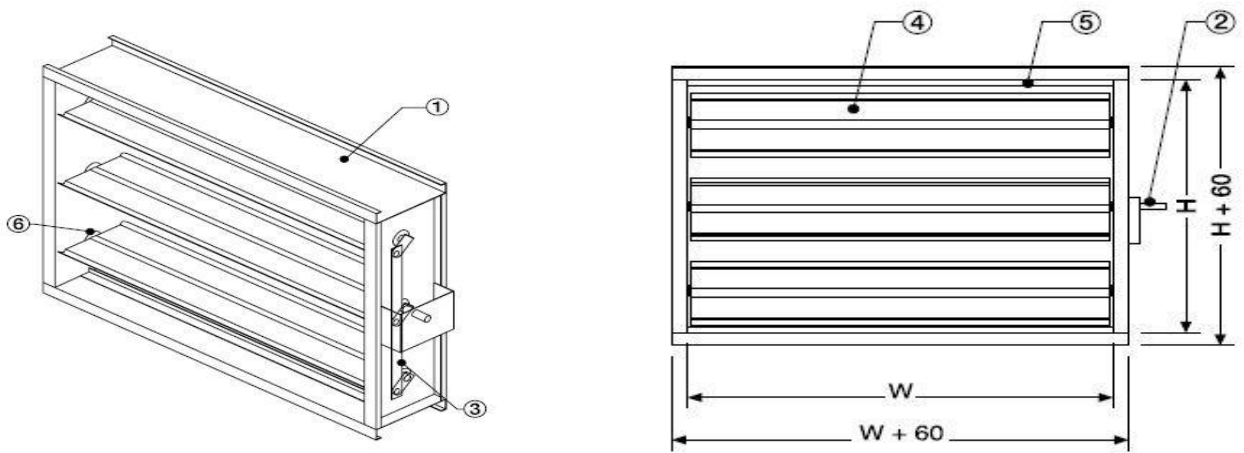
1200 x 1800mm, as single section.

Multiple section assembly with unlimited size, where each section operates independently.

**TEMPERATURE LIMITS:**

-40 °C to + 100 °C.

## DESCRIPTION



## Dimensions

1 - Casing

2 - Drive Shaft

3 - Side Linkage

4 - Blade

5 - Landing Angles

6 - Bearing

## Standard Sizes

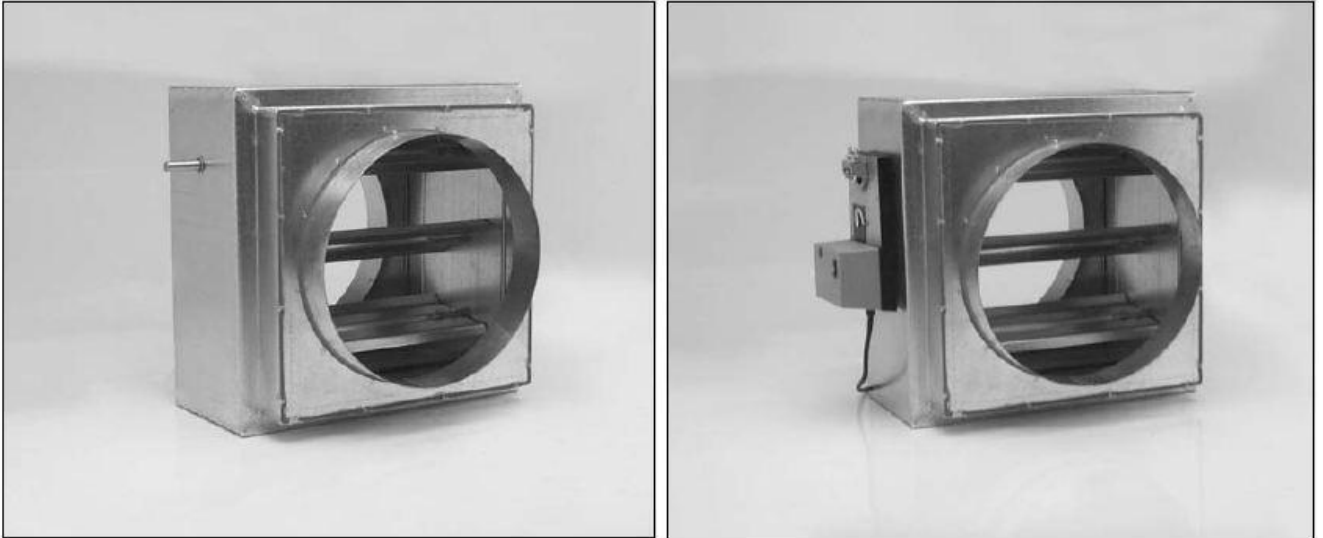
W in mm	H in mm	Number of Blades
100	100	1
150	150	1
200	200	1
250	250	1
300	300	2
350	350	2
400	400	2
450	450	2
500	500	3
550	600	3
600	700	4
650	800	5
700	900	5
750	1000	6
800	1100	7
850	1200	7
900	1300	8
950	1400	9
1000	1500	9
1050	1600	10
1100	1700	11
1200	1800	12



## DESCRIPTION

(Circular Type)

**MODEL:ACVD TYPE.**



### Description

Single and multi-leaf volume control dampers are designed for quiet, efficient and reliable air volume control in ventilation systems.

The ACVD Damper is ruggedly built damper, with a spigot case of robust assembly formed circular spigot connection to ductworks. The blades are formed single skin reinforced, with longitudinal structurally designed vee.

Blade action is standard as parallel but can be supplied as opposed blade action at no additional charge.

Blade edge seals and jamb (side) seals can be fitted for low leakage requirements. Dampers can be manual with locking quadrant or motorized with a wide range of electrical actuators readily available.

## DESCRIPTION

**Standard Construction****FRAME:**

galvanized steel, spigot type 380mm wide with circular spigot duct connection.

**BLADES:**

250mm max. width, 1.25mm or 1.5mm(16 ga.) galvanized steel.

**FINISH:**

Mill galvanized.

**LINKAGE:**

Side linkage concealed in frame for parallel and opposed blade operation.

Face linkage available (optional).

**CASE BEARINGS:**

Brass bearing as standard.

Sintered bronze oilite (optional).

**AXLES:**

12mm diameter zinc plated mild steel.

**CONTROL SHAFT:**

12mm diameter zinc plated mild steel.

**MINIMUM SIZE:**

100 x 100mm, damper up to 250mm high are single blade construction.

**MAXIMUM SIZE:**

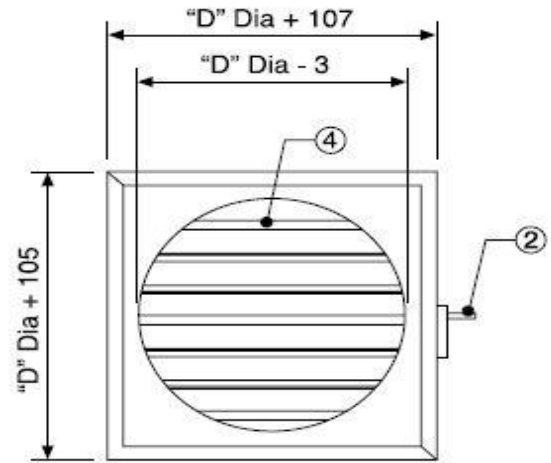
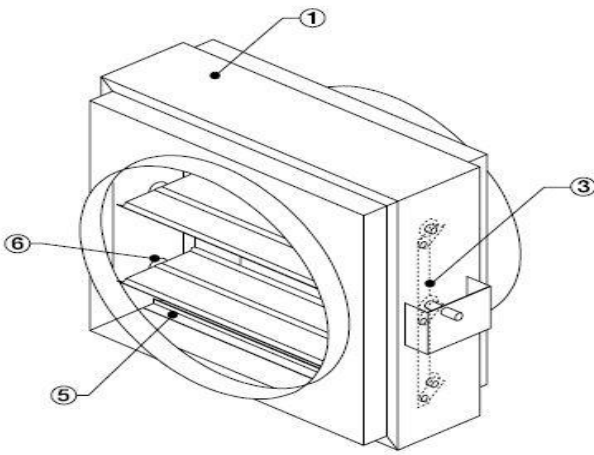
1150 x 1150mm, as single section.

Multiple section assembly with unlimited size, where each section operates independently.

**TEMPERATURE LIMITS:**

-40 °C to + 100 °C.

## DESCRIPTION



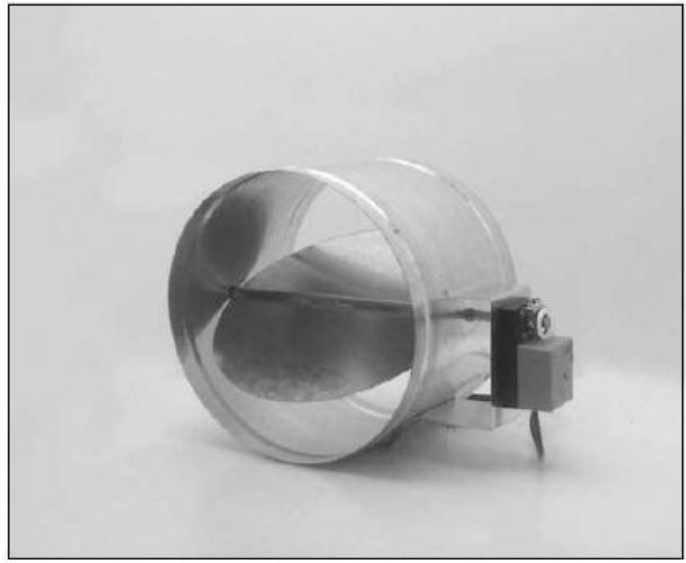
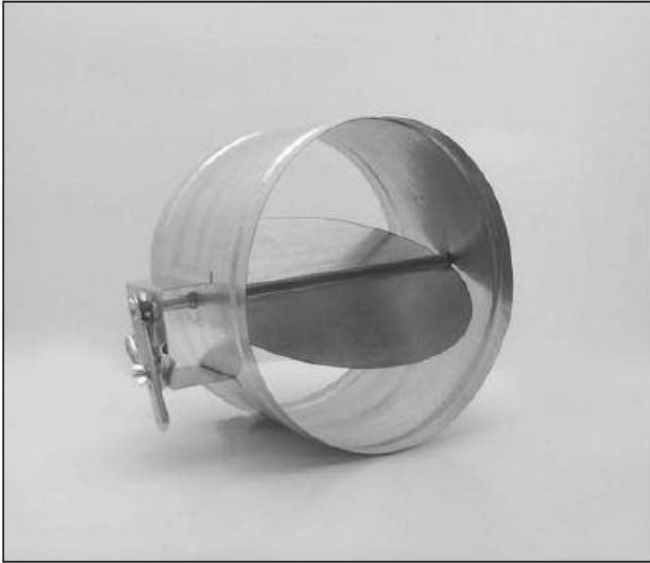
## Dimensions

- |   |                  |                    |
|---|------------------|--------------------|
| 1 - Casing  | 3 - Side Linkage | 5 - Landing Angles |
| 2 - Drive Shaft/Removable Spindle (when required) | 4 - Blade        | 6 - Bearing        |

## Standard Sizes

W in mm	H in mm	Number of Blades
100	100	1
150	150	1
200	200	1
250	250	1
300	300	2
350	350	2
400	400	2
450	450	3
500	500	3
550	600	4
600	700	4
650	800	5
700	900	6
750	1000	6
800	1100	7
850	1150	7

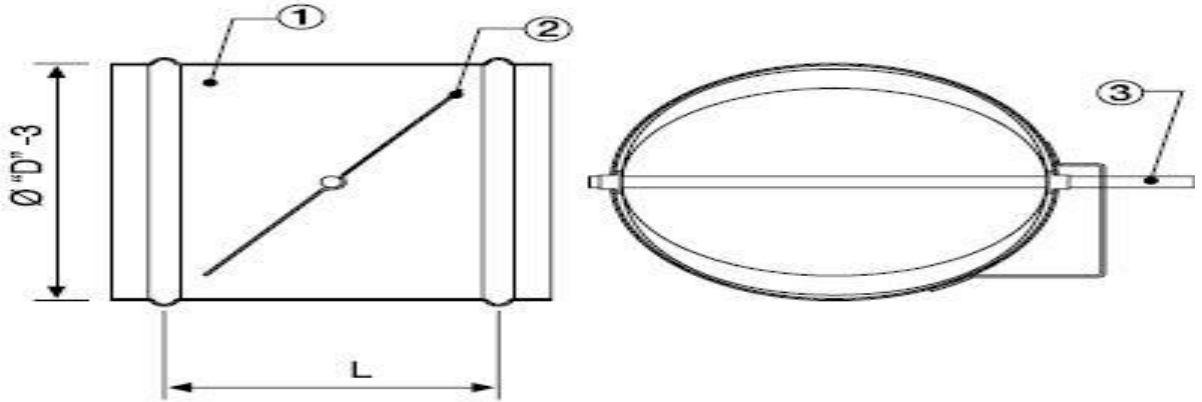
## DESCRIPTION

**Round Volume Control Damper****MODEL:ACVD TYPE.****Description**

Casing & blades made from galvanized steel sheet. Adjustable damper blade mounted on brass bushes with manually operated quadrant and position indicator. The damper is used for regulating air flow or as shutt-off damper when complete sealing against air flow is not required.

Dampers can be manual with locking quadrant or motorized with a wide range of electrical actuators readily available.

## DESCRIPTION



### Dimensions

1 - Casing

2 - Blade

3 - Drive Shaft

### Standard Sizes

Dia mm
80
100
125
140
150
160
180
200
224
250
280

Dia mm
305
315
350
400
450
500
550
600
610





Air Conditioning and Industries

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