

- Suitable for vertical and horizontal ducted systems
- Roll formed steel blades with three material options



VC Series type VC Series

VC Series - Multileaf damper

Application

H&V systems, the VC Series Volume Control Damper can also be used to perform actuated control functions where low closed blade leakage is not a requirement. Flanged models have mechanically fixed 65mm deep casings, providing a robust, lightweight construction.

Material

- Casing: 1.2mm thickness galvanised mild steel to BS EN 10346. DX 51D Z275.
- Blades: 0.5mm thickness galvanised mild steel to BS EN 10346. DX 51D Z275.
- Blade Cap: Injection moulded from glass filled Nylon 66.
- Drive Bearings: Injection moulded from glass filled Nylon 66.
- Drive Linkage Bars: 1.5mm thickness galvanised mild steel to BS EN 10346. DX 51D Z275.
- Drive Spindle: Dampers fitted with a handle will have a plastic injection moulded spindle made from Nylon 66. Dampers that have an actuator or extended spindle will have a spindle made from die-cast Zinc alloy ZL3 BS EN 12844.
- Handle: Injection moulded from Nylon 66
- Quadrant Handle Bracket: 1.2mm thickness galvanised mild steel to BS EN 10346. DX 51D Z275.
- Rivets: Rivets used meet European standards.
- Sealant: Good quality silicone sealant.

Mounting

VC Series dampers can be installed in the vertical or horizontal position.

Certification

DW144 compliant

Order Example

VC FG-H

Explanation:

VC - VC Series Volume Control Damper



Multi-Leaf Dampers

Model

F Flangefit

S Rectangular/Square Spigotfit

C Circular Spigotfit

O Flat Oval Spigotfit

Blade Material

G Galvanised Steel Airfoil Blades

S Stainless Steel Airfoil Blades (State Grade)

Control Options

H Hand Control

E Extended Spindle

M Electric Motor (state voltage and model)

Note: For Pneumatic option, please refer to HD model

Damper Height (mm)	Dimensions									
	Damper Width (mm)									
	100	200	300	400	500	600	700	800	900	1000
100	1	1.3	1.7	2.1	2.4	2.8	3.1	3.5	3.8	4.2
200	1.5	1.9	2.4	2.9	3.3	3.8	4.2	4.7	5.2	5.6
300	2	2.5	3.1	3.7	4.2	4.8	5.4	5.9	6.5	7
400	2.5	3.1	3.8	4.5	5.1	5.8	6.5	7.1	7.5	8.5
500	3	3.7	4.5	5.3	6.1	6.8	7.6	8.4	9.1	9.9
600	3.5	4.3	5.2	6.1	7	7.8	8.7	9.6	10.5	11.3
700	4	4.9	5.9	6.9	7.9	8.9	9.8	10.8	11.8	12.8
800	4.5	5.5	6.6	7.7	8.8	9.9	11	12	13.1	14.2
900	5	6.2	7.3	8.5	9.7	10.9	12.1	13.3	14.5	15.7
1000	5.5	6.8	8	9.3	10.6	11.9	13.2	14.5	15.8	17.1

The above weights (in kilograms) are for flanged models. For spigot models multiply by 1.5