
VOLUME DAMPER



Galvanized volume damper

manual volume damper MVD



motorised volume damper with actuator MVDA



Description

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

The SPK 30 dampers are ruggedly built dampers with a casing of robust assembly, formed from channel frame for flanged connection to ductwork. The blades are formed single skin and reinforced with longitudinal structurally designed triple vee shape.

Blade's action can be opposed blades or parallel blades.

Standard Construction

Frame:

160mm x 30mm x 1.5mm (16 Ga.) galvanized steel formed channel for flange connection.

Blades:

250mm max. width, 1.5mm (16 Ga.) galvanized steel.

Finish:

Mill Galvanized

Linkage:

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

Case Bearing:

Brass bearing as standard.
Sintered bronze oilite (optional).

Control Shaft:

12mm diameter zinc plated mild steel.

Minimum and Maximum Single Section Size:

100 x 100mm minimum and 1000 x 1800mm maximum.
Please see "Air Performance" for the minimum and maximum sizes tested by AMCA.

Consult SAFID for multiple section assembly details.

SPK 30 - 110

General construction as type SPK 30 - 100 damper but with blades, shafts and blade to shaft fixing are from stainless steel Grade 304.

Optional: Blades from stainless steel Grade 316 or 316L.

SPK 30 - 120

General construction as type SPK 30 - 100 damper but with frame, blades, linkage, case bearing, axles and control shaft are from stainless steel Grade 304.

Optional: Frame and blades from stainless steel Grade 316 or 316L.

can be change actuator according for approval
Approved for use in the applications of fire
and smoke