

Smoke Control Damper

SDJR-M



Description

Rectangular smoke control damper for smoke and heat evacuation systems for multi compartment. The slat and the body are made of calcium silicate board and the chemical design is class 4.

In the event of a fire, the smoke and heat will be extracted throughout the smoke control system and this damper is designed to either open or close depending on the scenario to be able to extract the smoke and heat out of the building.

This damper is equipped with an actuator, either 24V or 230V and can be used as a manual activation (MA) damper.

It is CE marked and certified according to EN 12101-8, tested according to EN 1366-10 and classified according to EN 13501-4.

The damper is suitable for vertical and horizontal installation in multi compartment smoke duct evacuation systems according to EN 1366-8 with smoke leakage class S at 1000Pa negative pressure.

Ordering example

	SDJR-M	200	430	250	230V	Yes	P1/M1
Product							
Width							
Height							
Depth							
Actuator - 230V/24V							
BKN Module - Yes/No							
Flanges/grilles - Side 1/Side 2							
— - Without flange and grille							
P1 - flange over slats							
P2 - flange over damper							
M1 - flange and grille over slats**							
M2 - flange and grille over damper**							

Example: SDJR-M-200-430-250-230V-BKN-P1/M1

Dimensions

Min. 200x430
Max. 1200x2030

Technical data for the actuators

See the technical manual for SDJR-M.

Classification (EN13501-4) – SDJR-M

Rigid supporting construction:

EI90 ($v_{ew} - i \leftrightarrow o$) **S 1000 C_{mod} HOT400/30 MA multi**

Duct in rigid supporting construction:

EI120 ($v_{ed} - i \leftrightarrow o$) **S 1000 C_{mod} HOT400/30 MA multi**

Plasterboard wall and duct in plasterboard:

EI120 ($v_{edw} - i \leftrightarrow o$) **S 1000 C_{mod} HOT400/30 MA multi**

In solid ceiling construction, 150 mm thickness

EI120 ($H_{od} - i \leftrightarrow o$) **S1000 C_{mod} HOT400/30 MA multi**