

Smoke Control Damper

SDR1-M



Description

Rectangular smoke control damper for smoke and heat evacuation systems for multi compartment. The body is made of galvanized steel.

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 only be used as an automatic activation (AA) damper.

It is CE marked and certified according to EN12101-8, tested according to EN1366-10 and classified according to EN13501-4.

The damper is suitable for installation with horizontal blade axes in multi compartment smoke duct evacuation systems according to EN1366-8 with smoke leakage class S at 1000Pa negative pressure.

Dimensions

Min. 160x180
Max. 1500x800

Technical data for the actuators

See the technical manual.

Classifications (EN13501-4) – SDR1-M

EI120 (v_{ew}- h_{ow} - i↔o)S 1500 C₁₀₀₀₀ AA Multi

In construction with Weichschott:

EI90 (h_{ow}- v_{ew} - i↔o)S 1500 C₁₀₀₀₀ HOT400/30 AA multi

On duct with grille:

EI120 (h_{od}- v_{ed} - i↔o)S 1500 C₁₀₀₀₀ HOT400/30 AA multi

On duct without grille:

EI90 (h_{od}- v_{ed} - i↔o)S 1500 C₁₀₀₀₀ HOT400/30 AA multi

Ordering example

| | SDR1-M | 160 | 180 | 230V | Yes |
|----------------------------------|--------|-----|-----|------|-----|
| Product | | | | | |
| Width | | | | | |
| Height | | | | | |
| Actuator - 230V/24V | | | | | |
| BKN Module - Yes/No | | | | | |
| Example: SDR1-M-160-180-230V-BKN | | | | | |