

Smoke dampers

Features

- Standard blade and case construction is galvanised mild steel, with grade 302S stainless steel side seals
- Unique one piece double-skin interlocking airfoil blades
- Four casing options
- Linkage out of airflow
- Optional blades and case in grades 316 or 430 stainless steel
- Grade 316 stainless steel side seals available to order
- Infinite sizing capability from 100sq.mm. to 1200sq.mm
- Variable flange dimensions and casing widths

Specifications & Tests

- Unless stated otherwise, flange models suitable for class A & B of DW144, spigot models suitable for class A B & C
- Conforms to HVCA specification DW144
- Conforms to Eurovent 2/2 classes A - C
- Blade construction fire tested to BS476 part20; 1987 for integrity and leakage
- Elevated temperature tests, reports 231297, 234486 and 127438 refer
- Resistance tested by BSRIA, report 15633/1 refers
- Leakage tested by BSRIA, report 15633/1 refers
- 28 day salt corrosion tested Chatfield report RLR3 refers



Flangefit

100mm to 1200mm

Spigotfit

100mm to 1200mm

Circular

100mm to 1200mm

Flat Oval

100mm to 1200mm

Control Options

Extended spindle

Hand Control

Electric Motor

Pneumatic Motor

Fire dampers

Features

- Low/medium and high velocity models
- Galvanised or stainless steel blades and casings
- Factory fitted HEVAC approved installation frame, or other approved method
- Fully welded construction
- Infinite sizing capability
- Comprehensive status and Control options
- Tested for four hour duration

Specifications & Tests

Fire tested to:

- European standard EN1366 -2:1999
- ISO 10294 -1:1996(E)
- Horizontal test report for 4hr duration TE 201814
- Vertical test report for 4hr duration TE 201633
- BS 476 part 20:1987 for 4hr duration:
Warrington report WFRC C43264 stainless steel blades
Warrington report WFRC C43265 galvanised blades
- 28 day Salt corrosion test Chatfield reports C7217/8
- Conforms to DW144 and Eurovent 2/2 as relevant



Type A

Square/rectangular spigot
Blades partially in airstream

Type B

Square/rectangular spigot
Blades out of airstream

Type I "Induct"

Square/rectangular case
Blades partially in airstream

Type C

Circular spigot
Blades out of airstream

Type O

Flat Oval spigot
Blades out of airstream

Control Options

Solenoid
Electro-magnet

Electric Motors



Air Control Dampers

Model	Torque Nm	Operations
NM 24 A	10	Open/Close
NM 230 A	10	Open/Close
NM 24A - SR	10	Open/Close
SM 24 A	20	Open/Close
SM 230A-S	20	Open/Close
SM 24A-S	20	Open/Close
SM 240 A	20	Open/Close
SM 24A - SR	20	Modulating
SM 230A -SR	15	Modulating
GM 24	30	Open/Close
GM 240	30	Open/Close
GM 24 - SR	30	Modulating

Fire / Smoke Dampers

Model	Torque Nm	Operations
AF 24	11	Spring Return
AF 24 - S	11	Spring Return
AF 230	11	Spring Return
AF 230 - S	11	Spring Return
AF 24 - SR	11	Modulating
BF 24	12	Spring Return
BF 24 - T	12	Spring Return
BF 230	12	Spring Return
BF 230 - T	12	Spring Return
BAE 72		Replacement Thermal Fuse
BAE 72 - S		Replacement Thermal Fuse with Test Switch
ZTPC600-B		Thermal Enclosure

NOTE Other models available. Please enquire for price & availability