

Multi Leaf Shut-Off Dampers

Type 'JZ'

TROX® TECHNIK
The art of handling air

For shutting off the airflow in air conditioning systems

Rectangular multileaf dampers for volume flow and pressure control as well as for shutting off ducts and openings in walls and ceiling slabs

- Maximum dimensions of steel and stainless steel variants: 2000 × 1995 mm; of aluminium variant: 1200 × 1050 mm
- Casing air leakage to EN 1751, class C
- Aerofoil parallel or opposed action blades
- Steel and stainless steel variants: blades interconnected by external linkage (for parallel or opposed blade action)
- Aluminium variant: blades interconnected by gears (for opposed action)
- Installation with horizontal or vertical blades
- Available in standard sizes and many intermediate sizes
- Can be combined with external weather louvres



Optional equipment and accessories

- Actuators: Open/Close actuators, modulating actuators
- Explosion-proof construction with pneumatic actuator or spring return actuator (not for JZ-AL)
- Powder-coated construction
- Aluminium variant also as anodised construction

Multileaf damper, variant JZ-S



Multileaf damper with quadrant stay

Multileaf damper, variant JZ-P



Multileaf damper with installation subframe and actuator

Multileaf damper, variant JZ-S-A2



Multileaf damper with actuator

Multileaf damper, variant JZ-P-A2



Multileaf damper with actuator

Multileaf damper, variant JZ-AL



Multileaf damper with actuator



Parallel blades



Opposed blades



Blade mechanism with gears

Nominal sizes	200 × 100 mm – 2000 × 1995 mm
Volume flow rate range	200 – 40,000 l/s
Volume flow rate range	720 – 143,640 m ³ /h
Maximum static differential pressure	Up to 3500 Pa
Operating temperature	–20 to 150 °C

Order code

JZ

JZ – P – A2 – G – M – L / 1000×1005 / ER / Z64 / NC / P1 – RAL ...

1 2 3 4 5 6 7 8 9 10

Type

JZ Multileaf damper

Installation subframe

No entry: none
ER With (only for construction G)

Function

S Opposed (standard)
P Parallel

Attachments

No entry: none
Z04 – Z07 Quadrant stay
Z12 – Z51 Actuators
ZF01 – ZF15 Spring return actuators
Z60 – Z77 Pneumatic actuators
Z1EX, Z3EX Explosion-proof actuators
Z60EX – Z77EX Electric
Pneumatic

Material

No entry: galvanised steel
A2 Stainless steel

Damper blade safety function

Only for spring return actuators or
pneumatic actuators
NO Pressure off/power off to OPEN
NC Pressure off/power off to CLOSE

Construction

No entry: corner holes on both sides;
plastic bearings
G Flange holes on both sides
(no corner holes)
M Brass bearings
E Stainless steel bearings
M-V Brass bearings and reinforced blades
(not for JZ-A2)
E-V Stainless steel bearings and
reinforced blades (not for JZ-A2)
M, E, M-V, E-V can be combined with G

Surface

No entry: standard construction
P1 Powder-coated,
RAL CLASSIC colour
PS Powder-coated, DB colour
Gloss level:
RAL 9010 50 %
RAL 9006 30 %
All other RAL colours 70 %

Operating side

No entry: on the right
L Left

Nominal size [mm]

B × H
B > 2000 = width subdivided
H > 1998 = height subdivided