

Multi Leaf Shut-Off Dampers

Type 'JZ'

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 m³/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		Installation subframe	
JZ	Multileaf damper	No entry: none	
Function		ER	With (only for construction G)
Material		Attachments	
No entry: galvanised steel		No entry: none	
A2	Stainless steel	Z04 – Z07	Quadrant stay
Construction		Z12 – Z51	Actuators
No entry: corner holes on both sides; plastic bearings		ZF01 – ZF15	Spring return actuators
G	Flange holes on both sides (no corner holes)	Z60 – Z77	Pneumatic actuators
M	Brass bearings		Explosion-proof actuators
E	Stainless steel bearings	Z1EX, Z3EX	Electric
M-V	Brass bearings and reinforced blades (not for JZ-A2)	Z60EX – Z77EX	Pneumatic
E-V	Stainless steel bearings and reinforced blades (not for JZ-A2) M, E, M-V, E-V can be combined with G	Damper blade safety function	
Operating side		Only for spring return actuators or pneumatic actuators	
No entry: on the right		NO	Pressure off/power off to OPEN
L	Left	NC	Pressure off/power off to CLOSE
Nominal size [mm]		Surface	
B × H		No entry: standard construction	
B > 2000 = width subdivided		P1	Powder-coated, RAL CLASSIC colour
H > 1998 = height subdivided		PS	Powder-coated, DB colour
		Gloss level:	
		RAL 9010 50 %	
		RAL 9006 30 %	
		All other RAL colours 70 %	