

JET-FIREJET® 24/48 V

24/48 V SHEV DEVICE



Safe, powerful and flexible opening and closing of light domes and dark flaps



JET-FIREJET® 165J SA 24/48 V AZ

SHEV opening device 165° consisting of:

- ⌚ galvanized crossbars
- ⌚ special designed consoles
- ⌚ electrical drive
- ⌚ junction box pre-installed at the device
- ⌚ for JET-light dome resp. JET-dark flap from the JET-product range (see overview back side)
- ⌚ for JET-upstand from the extensive JET-upstand product range (see overview back side)

Nominal size:

up to 150 x 250 cm

Aerodynamical exhaust surface:

up to 2,74 m² depending on order size and configuration

max. snow load:

⌚ max. SL 2400 N/m²
(depending on dome size and nominal voltage)

Additional benefit:

- ⌚ programmable air conditioning position for large ventilation surface
- ⌚ connection to central building control is possible

Product advantages

- ⌚ EC-Certificate of Conformity according to DIN EN 12101-2 (CE-mark) no. 1368-CPD-C-002/2009
- ⌚ SOLO-device for all nominal sizes
- ⌚ rugged, powerful and fast gear motor with marginal noise development
- ⌚ max. temperature class T (-15)
- ⌚ delivery as complete pre-assembled unit
- ⌚ corresponding 24/48V SHEV centrals with extensive accessories and various activation opportunities



JET-TOP 90 PLUS light dome with 24/48 V SHEV device assembled on JET-upstand



6.1.2
JET-light domes, JET-VARIO light flaps and JET-ALU dark flap

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Advantages of the 24/48 volt technology

- almost noiseless function
- daily ventilation without additional motor
- stepless ventilation possible
- simple maintenance
- short circuits and cable interruptions are detected immediately
- connection to central building control system
- aesthetic appealing because of flat design

Characteristics

- standby current controlled system
- connection components for central building control integrated
- triggering of 2 SHEV groups possible with one central
- optical status indication
- inputs for detectors, buttons and sensors
- connection of several centrals possible by the use of bus system

PRODUCT RANGE

JET-SHEV light domes/dark flaps system JET-FIREJET® 165 J SA 24/48 V AZ according to DIN EN 12101-2

NOTE:
A_a-value in m² (aerodynamic effective smoke exhaust surface) according to DIN EN 12101-2

order sizes cm x cm	hinges/ opening side	with RAK 30/40/45/50 (RAK geometry)		with AK 30/40/50 (AK geometry)	
		without wind baffles lowest A _a -value	with wind baffles highest A _a -value	without wind baffles lowest A _a -value	with wind baffles highest A _a -value
100 x 150		0,86	1,08	0,86	0,93
120 x 120		0,81	1,02	0,81	0,88
120 x 150		1,01	1,30	1,01	1,12
120 x 180		1,14	1,56	1,14	1,34
120 x 210		1,34	1,84	1,34	1,59
120 x 240		1,53	2,07	1,53	1,93
120 x 250		1,59	2,19	1,59	2,01
125 x 125		0,88	1,11	0,88	0,95
125 x 250		1,66	2,25	1,66	2,09
150 x 150		1,28	1,64	1,28	1,42
150 x 180		1,54	1,94	1,54	1,81
150 x 210		1,80	2,30	1,80	2,11
150 x 240		1,91	2,63	1,91	2,45
150 x 250		1,99	2,74	1,99	2,55

Advantages of the 48 volt technology

- triggering of twice as many opening systems possible with one central
- significant reduction of the installation effort
- cost saving because of much smaller cable cross sections
- effective reduction of project costs
- safety also in case of high snow loads
- integration of standard components from JET (SHEV button, smoke detector, wind/rain sensor etc.)

Applicable JET-light domes and dark flaps for the system JET-FIREJET® 165 J SA 24/48 V AZ

- JET-TOP 90 light dome
- JET-TOP 90 PLUS light dome
- JET-SUPER-TOP light dome
- JET-HEATSTOP light dome
- JET-PET-TOP light dome
- JET-BLACK-TOP light dome
- JET-ALU-heat insulation-compound dark flap
- WD 40 and WD 80 up to order size 150 x 250 cm

Applicable JET-upstands for the system JET-FIREJET® 165 J SA 24/48 V AZ

- JET-metal upstand (RAK 30/40/50, SE 30/40/50, TE 30/40/50)
- JET-steel-aluminium integrated upstand (RAK 30/40, AK 30/40)
- JET-GRP upstand (RAK 30/45, AK 30)
- JET-GRP-aluminium integrated upstand (RAK 30, AK 30)
- JET-SHEV-PVC upstand (AK 30)
- JET-metal riser 25

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