

JET-CONTINUOUS ROOFLIGHT FULL FLAPS



JET-VARIO-FIREJET® 165 J AZ and JET-VARIO-FIREJET® 165 J 24/48 V AZ are SHEV units for an effective smoke and heat exhaust according to DIN EN 12101-2 with the function OPEN/CLOSE



JET-VARIO-FIREJET® 165 J AZ
pneumatically activated SHEV device CO₂

- max. nominal size 250 x 204 cm
- max. aerodynamic smoke exhaust surface:
A_a-value = 3,575 m²
- max. snow load SL 700
- dual function SHEV/ventilation in combination with compressed air or with electrical motor possible

Activation possibilities for the ventilation function

JET-VARIO-FIREJET® 165 J AZ, electrical activated with 230 V/AC motor:

- upon/under plaster ventilation switch for motor opener
- motor opener with thrust spindle 300/500 mm lifting height

pneumatically activated:

- pneumatic lifting cylinder 300/500 mm lifting height
- pneumatic manual control valve

for electrical and pneumatic activation:

- rain detector unit or wind/rain detector unit
- central-CLOSE-control with timer

JET-VARIO-FIREJET® 165 J 24/48 V AZ electrical SHEV device

- max. nominal sizes: 200 x 204 cm or 250 x 134 cm
- max. aerodynamic smoke exhaust surface:
A_a-value = 2,774 m²
- for 48 V/4A: snow load SL 700
- max. snow load SL 1250
(depending on flap size and temperature)
- for 24 V/8A: snow load SL 600
- max. snow load SL 1000
(depending on flap size and temperature)
- max. temperature class T (-15)

Activation possibilities for the ventilation function

JET-VARIO-FIREJET® 165 J 24/48 V AZ, electrically activated (24/48 V DC):

- dual function SHEV/ventilation with variable lifting heights
- central closing of the SHEV units with control central
- connection components to central building control integrated



EC-Certificate of Conformity
no. 1368-CPD-C 003/2011



2.1.2
JET-VARIO-NORM

2.1.1
JET-VARIO-THERM

Advantages of the 24 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

System accessories: JET-electrical SHEV central RV 24/48 V

Characteristics:

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

Advantages of the 48 volt technology

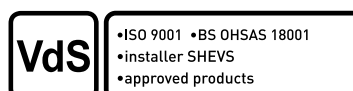
- triggering of twice as many opening systems possible with one central
- significant reduction of the installation effort
- cost saving because of much smaller cable cross sections
- effective reduction of project costs
- safety also in case of high snow loads
- integration of standard components from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



A_A-VALUE (AERODYNAMIC EFFECTIVE SMOKE EXHAUST SURFACE)

full flap nominal width	full flap length = 100 cm A _a -values m ²		full flap length = 134 cm A _a -values m ²		full flap length = 204 cm A _a -values m ²	
cm	JET-VARIO-FIREJET® 165 J AZ	JET-VARIO-FIREJET® 165 J 24/48 V AZ	JET-VARIO-FIREJET® 165 J AZ	JET-VARIO-FIREJET® 165 J 24/48 V AZ	JET-VARIO-FIREJET® 165 J AZ	JET-VARIO-FIREJET® 165 J 24/48 V AZ
150	1,050	0,990	1,410	1,327	2,295	2,234
160	1,120	1,056	1,504	1,415	2,448	2,383
170	1,190	1,122	1,598	1,503	2,601	2,532
180	1,350	1,278	1,692	1,592	2,574	2,497
190	1,425	1,349	1,786	1,680	2,717	2,636
200	1,500	1,420	1,880	1,769	2,860	2,774
210	1,575	1,491	2,121	1,998	3,003	-
220	1,650	1,562	2,222	2,093	3,146	-
230	1,725	1,633	2,323	2,188	3,289	-
240	1,800	1,704	2,424	2,283	3,432	-
250	1,875	1,775	2,525	2,379	3,575	-

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DAYLIGHT**