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 SHEV device CO₂
  - Max. nominal size 250 x 204 cm
  - Max. aerodynamic smoke exhaust surface: \( A_a = 3.575 \text{ m}^2 \)
  - 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 pneumatically 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: \( A_a = 2.774 \text{ m}^2 \)
  - For 24 V/8 A: Max. 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
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

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.)

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

### \( A^*_A \)-VALUE (AERODYNAMIC EFFECTIVE SMOKE EXHAUST SURFACE)

<table>
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<th>( \text{JET-VARIO-FIREJET}^{\text{®}} 165 \text{ J 24/48 V AZ} )</th>
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Please contact:
JET Tageslicht & RWA GmbH · Weidehorst 28 · D-32609 Hüllhorst
Tel. +49(0) 57 44 / 503-0 · Fax +49 (0) 57 44 / 503-40

www.jet-group.com · info@jet-group.com