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

**JET-FIREJET® 24/48 V**

**24/48 V SHEV DEVICE**

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

**JET-FIREJET® 165 J 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 24/48 V SHEV centrals with extensive accessories and various activation opportunities

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

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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

<table>
<thead>
<tr>
<th>order sizes</th>
<th>hinges/ opening side</th>
<th>with RAK 30/40/45/50 (RAK geometry)</th>
<th>with AK 30/40/50 (AK geometry)</th>
</tr>
</thead>
<tbody>
<tr>
<td>cm x cm</td>
<td>without wind baffles lowest A.value</td>
<td>with wind baffles highest A.value</td>
<td>without wind baffles lowest A.value</td>
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<tr>
<td>100 x 150</td>
<td>0,86</td>
<td>1,08</td>
<td>0,86</td>
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<tr>
<td>120 x 120</td>
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<td>120 x 150</td>
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<tr>
<td>120 x 180</td>
<td>1,14</td>
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<td>1,14</td>
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<tr>
<td>120 x 210</td>
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<td>120 x 240</td>
<td>1,53</td>
<td>2,07</td>
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<td>120 x 250</td>
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<td>125 x 125</td>
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<td>150 x 240</td>
<td>1,91</td>
<td>2,63</td>
<td>1,91</td>
</tr>
<tr>
<td>150 x 250</td>
<td>1,99</td>
<td>2,74</td>
<td>1,99</td>
</tr>
</tbody>
</table>

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

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

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