



Tested safety for dome rooflights – fulfills the requirements of the DIN EN 12101-2

SHEV systems

- for dome rooflights, darkening flaps and VARIO light flaps
- pneumatic: FIREJET® 165 J AZ, FIREJET® 165 J
- electrical 24V/48V/230V: FIREJET® 165 J SA 24V/48V/230V AZ
- with their comprehensive SHEV systems offers the optimal SHEV system for many individual requirements
- effective smoke and heat exhaust for various operating conditions according to DIN EN 12101-2 can be realized
- all SHEV units can also optionally be used for daily ventilation when equipped with corresponding auxiliary devices

System description

Pneumatical SHEV devices CO₂: FIREJET® 165 J/FIREJET® 165 J AZ

- up to max. nominal size 200 x 300 cm
- up to max. aerodynamic exhaust surface of 4.5 m²
- up to max. snow load SL 900
- dual function SHEV/ventilation in combination with compressed air or with electrical motors possible
- application on different upstands and domes/flaps possible

Electrical SHEV devices 24V/48V/230V: FIREJET® 165 J SA 24V/48V/230V AZ

- up to max. nominal size 150 x 250 cm
- up to max. aerodynamic exhaust surface of 2.74 m²
- up to max. snow load SL 2600 (depending on dome size, nominal voltage and product design)
- dual function SHEV/ventilation with variable lifting heights available
- central closure of the SHEV units with the central control unit
- connection to building management system is possible
- application on different upstands and domes/flaps possible

Optional accessories

- insect protection
- fall-through protection devices (permanent and collective) e.g. DSD, DDS, DDN, tube systems

SHEV systems

SHEV systems	Electric 24V FIREJET® SHEV device 165 J SA 24V/48V/230V AZ		Pneumatic FIREJET® SHEV devices CO ₂			
			165 J		165 J AZ	
Order size cm x cm	max. A _a -value ¹ m ²	max. snow load SL ² [N/m ²]	max. A _a -value ¹ m ²	max. snow load SL [N/m ²]	max. A _a -value ¹ m ²	max. snow load SL [N/m ²]
100 x 100	-	-	0.750	500	0.750	900
100 x 150	1.080	2.500	1.125	500	1.125	900
100 x 200	-	-	1.500	500	1.500	900
100 x 240	-	-	1.800	500	1.800	900
100 x 250	-	-	1.875	500	1.875	900
120 x 120	1.020	2.600	1.080	500	1.080	900
120 x 150	1.300	2.000	1.350	500	1.350	900
120 x 180	1.560	1.660	1.620	500	1.620	900
120 x 210	1.840	1.420	1.890	500	1.890	900
120 x 240	2.070	1.250	2.160	500	2.160	900
120 x 250	2.190	1.200	2.250	500	2.250	900
125 x 125	1.110	2.400	1.170	500	1.170	900
125 x 250	2.250	1.300	2.344	500	2.344	900
150 x 150	1.640	1.500	1.688	500	1.688	900
150 x 180	1.940	1.300	2.025	500	2.025	900
150 x 210	2.300	950	2.363	500	2.363	900
150 x 240	2.630	825	2.700	500	2.700	900
150 x 250	2.740	800	2.813	500	2.813	900
180 x 180	-	-	2.430	500	2.430	500
180 x 210	-	-	2.650	500	2.650	500
180 x 240	-	-	3.240	500	3.240	500
180 x 250	-	-	3.375	500	3.375	500
200 x 200	-	-	3.000	500	-	-
200 x 300	-	-	-	-	4.500 ³	500

Note:

- 1) Applies in combination with skylight bases type RAK
- 2) Depending on dome type and rated voltage
- 3) Only "OPEN" function



FIREJET® 165 J AZ



FIREJET® 165 J SA 24V/48V/230V AZ