

FOCUS ON QUALITY
YOUR LIFT EXPERT



CATALOGUE APRIL 2022

SHAFT SMOKE EXHAUST SYSTEMS AND VENTILATION

Base-Lift-Kit	73
Lift-Tronic FS01	73
SHEV Operating Panel / Emergency Push Button	74
Optical Smoke Detector	74
Ventilation and Smoke Extraction Hood / EnEV Flap	74
Ventilation and Smoke Extraction Hood / JK Flap	74
Ventilation and smoke extraction hood / JK	75
Multileaf Damper JK-165	75
Ventilation Grille Aluminium	75

BASE-LIFT-KIT

The BASE-Lift-Kit is based on the proven "fail-safe" principle. This system uses only building-law approved components that communicate with each other via a control unit. In the event of an alarm or malfunction, the power supply to the actuator on the closing element is interrupted. A prestressed spring within the drive then opens the closure element. After the alarm has been reset or the malfunction has been rectified, the power supply for the drive is cleared and the closing element closes automatically.

During the development of the BASE-Lift-Kit the topic security has been redefined. Conventional hoistway smoke extraction and ventilation systems "only" command the shutter (louver / louvre) to open without monitoring whether the door is actually opening. With the BASE-Lift-Kit, the control unit receives feedback directly from the drive as soon as the closing element is in fact fully opened. If this message does not arrive at the control unit, a fault message is generated, which can be forwarded to a suitable location (elevator control, building management system). In addition, the fault is displayed on the main service station. This technical innovation makes the BASE-Lift-Kit currently the safest system available on the market for controlled smoke extraction and ventilation of lift shafts.

The choice is yours: you can buy the BASE-Lift-Kit as a component system ready for installation and install it easily and quickly, or you can use the entire service, i.e. planning, installation and commissioning carried out by BASE.

The BASE-Lift-Kit should not be used in conjunction with a sensor suitable for the detection of persons. We point to the European patent EP 1 890 956 B1, which could be violated by the coupling of the BASE-Lift kit with such a sensor, which is not part of the LIFT kit.

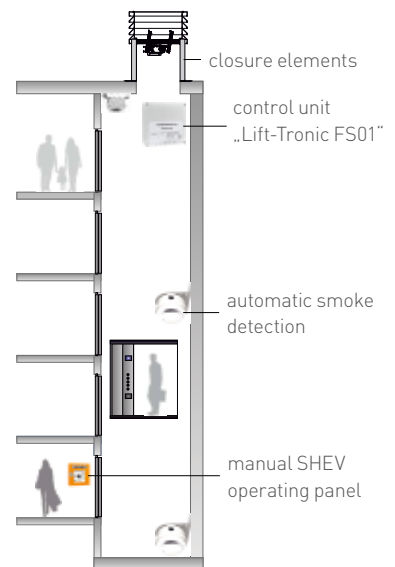
FUNCTIONS:

- Smoke detection by means of smoke detector, point detector or linear detector
- Wiring optionally with RJ45 cables (plug connection) or standard electrical cable
- Smallest shell opening with flush mounting of the closure element
- Automatic opening of the closure element even in case of a cable break (Fail Safe!)
- Constant monitoring of the end position (open / closed) of the closure element
- Integrated temperature monitoring
- Integrated ventilation timer
- Integrated service timer (can be simply switched on and off via DIP switch)
- Integration into the on-site fire alarm system possible
- Various locking elements as NSHEV according to DIN EN 12101-2.

Item No.	Description	Voltage
9610011105	BASE-Lift-Kit RM 10m without closure element	24V
9610011106	BASE-Lift-Kit RM 20m without closure element	24V
9610011107	BASE-Lift-Kit RM 30m without closure element	24V
9610011108	BASE-Lift-Kit RM 40m without closure element	24V



Base-Lift-Kit



LIFT-TRONIC FS01

The control unit Lift-Tronic FS01 sets new standards for safety and flexibility. It impresses with its perfect adaptability to the requirements of the object. The Lift-Tronic FS01 can be used for groups as well as single shafts with and without machine room. There are three different possibilities for automatic smoke detection: by means of optical smoke detectors, infrared detectors or aspirating smoke detectors. Depending on the object requirement, the installation of the Lift-Tronic FS01 can be carried out with conventional electrical cabling or quickly and easily with prefabricated RJ45 plug connections. A combination of both installation variants is possible. Due to the proven "fail-safe" principle, no backup batteries are required. In the event of a power failure or line interruption, the closing element will open fully via a prestressed spring in the drive.

The control unit Lift-Tronic FS01 should not be used in conjunction with a sensor suitable for the detection of persons. We point to the European patent EP 1 890 956 B1, which could be violated by the coupling of the control unit Lift-Tronic FS01 with such a sensor, which is not part of the Lift-Tronic FS01.

DETAILS:

- Integrated temperature sensor
- Display: fault, operation, alarm
- Evaluation of the physical opening condition of the closing element
- All connections pluggable or screw terminals
- Ventilation interval adjustable from 1 to 5 hours for 20 minutes
- Potential-free input for the fault message from the elevator control
- Potential-free output Fault and alarm
- Integrated service timer (can be easily switched on and off via dip-switch)
- Integration into the on-site fire alarm system possible
- Various locking elements as NSHEV according to DIN EN 12101-2



Lift-Tronic FS01

Item No.	Description	Voltage
9610010100	Lift Tronic FS01	24V

ACCESSORIES

Item No.	Description
9610010102	Plug-in power supply 24V / 1A

SHEV Operating Panel /
Emergency Push Button

Plug-in power supply



Optical Smoke Detector

Ventilation and smoke extraction hood /
EnEV Flap

JK-Flap

SHEV OPERATING PANEL / EMERGENCY PUSH BUTTON

In addition to the automatic monitoring of the lift shaft, the elevator shaft smoke extraction system can be triggered manually by a SHEV operating panel. In most cases, the assembly takes place at the main evacuation stop next to the elevator access. According to the current requirement of the Model Building Regulations (MBO-2013), an elevator shaft smoke extraction system must be able to be operated from at least one suitable location.

Item No.	Description
9620010301	SHEV Operating Panel – orange
9610010102	Plug-in power supply 24V / 1A

OPTICAL SMOKE DETECTOR

In addition to the automatic monitoring of a lift shaft, the lift shaft smoke extraction system can be triggered manually by a SHEV operating panel. In most cases the assembly takes place outside the main evacuation stop next to the elevator access. According to the current requirement of the Model Building Regulations (MBO - 2013), a lift shaft smoke extraction system must be able to be operated from at least one suitable location. Point-type smoke detectors have become established as a cost-effective variant of automatic smoke detection in the elevator shaft. Smoke detection according to the scattered light principle is used in the range of standard lift systems up to eight stops. The point detectors are approved according to DIN EN 54-7 for standard-compliant smoke detection.

Item No.	Description
9620010201	Smoke detector PM3000 shaft ceiling
9620010202	Smoke detector PM3000 intermediary detector
9620010204	Smoke detector PM3000 shaft pit
9620120165	Smoke sensor head
9620051727	Stick for testing / triggering RAS / smoke detector

VENTILATION AND SMOKE EXTRACTION HOOD / ENEV FLAP

The ventilation and smoke extraction hood "EnEV-Flap" consists of an insulated base and a weather protection hood. The closure element is an insulated, thermally separated louvre window. This complete unit (weather protection including closure element) is particularly suitable as a building closure for objects with high energy requirements. The EnEV flap is designed for guaranteed smoke extraction and ventilation independent of wind direction and weather according to MBO-2013 or LBO.

Item No.	Description	Largest shell opening [mm]
9630110600	EnEV Flap 500 Silent	520x520
9630110601	EnEV Flap 600 Silent	600x600
9630110605	EnEV Flap 700 Silent	700x700
9630110602	EnEV Flap 800 Silent	800x800
9630110603	EnEV Flap 900 Silent	900x900

VENTILATION AND SMOKE EXTRACTION HOOD / JK FLAP

The "JK-Flap" ventilation and smoke extraction hood consists of an insulated base and a weather protection hood. The closure element is integrated as an airtight multileaf damper. This complete unit (weather protection including closure element) fulfills the minimum requirements, which result from the EnEV or the building regulation. The JK-Flap is designed for guaranteed smoke extraction and ventilation independent of wind direction and weather according to MBO-2013 or LBO.

Item No.	Description	Largest shell opening [mm]
9630110700	JK-Flap 600 Silent	600x600
9630110702	JK-Flap 700 Silent	700x700
9630110701	JK-Flap 800 Silent	800x800
9630110703	JK-Flap 900 Silent	900x900
9630110704	JK-Flap 1000 Silent	1.000x1.000

VENTILATION AND SMOKE EXTRACTION HOOD / JK

The ventilation and smoke extraction hood "JK" consists of an insulated base and a weather protection hood. The closure element is an insulated, thermally separated louvre window. This complete unit (weather protection including closure element) is particularly suitable as a building closure for objects with high energy requirements. The EnEV flap is designed for guaranteed smoke extraction and ventilation independent of wind direction and weather according to MBO-2013 or LBO (incl. fixing lug).

Item No.	Description	Largest shell opening [mm]
9630010900	Hood JK 500	500x500
9630010901	Hood JK 600	600x600
9630010902	Hood JK 700	700x700
9630010903	Hood JK 800	800x800
9630010904	Hood JK 900	900x900
9630010905	Hood JK 1000	1,000x1,000



Hood JK

MULTILEAF DAMPER JK-165

Due to their optimal price-performance ratio, airtight multileaf dampers are the most commonly used closure elements for the controlled smoke extraction and ventilation of lift shafts. Multileaf dampers can be adapted to the opening size of the object. Multileaf dampers can be flush mounted or can be placed in front of the opening. We only offer shutters with NSHEV approval as a certified construction product.

Item No.	Description	Largest shell opening [mm]
9630110400	Multileaf damper JK-165 Silent 0,10m ²	520x360
9630110401	Multileaf damper JK-165 Silent 0,11m ²	560x450
9630110402	Multileaf damper JK-165 Silent 0,18m ²	600x600
9630110420	Multileaf damper JK-165 Silent 0,24m ²	760x620
9630110403	Multileaf damper JK-165 Silent 0,29m ²	700x700
9630110404	Multileaf damper JK-165 Silent 0,35m ²	800x800
9630110416	Multileaf damper JK-165 Silent 0,57m ²	1,000x1,000



Multileaf damper JK-165

VENTILATION GRILLE ALUMINIUM

TECHNICAL DATA: • Made of extruded aluminum profiles • Silver-bronze anodized • Powder coating according to RAL color shades possible • Insect screens made of stainless steel • 28.5 mm installation depth • 21.0 mm rebate • Widths and heights in various standard sizes

OPTIONAL: Water drain

FIXING: Clip springs can be supplied on request, tie bolts are always included

Item No.	Description	
09611000000	Ventilation grille Typ W11, acc. to customer requirements	1
09631000000	Ventilation grille Typ W31, acc. to customer requirements	2
09633000000	Pressure relief valve Typ W33, acc. to customer requirements	3
09681000000	Ventilation grille Typ W81, acc. to customer requirements	4



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