

WILDEBOER BAUTEILE GMBH

Price list for individual parts and spare parts 2027

As at: 2026-10-01

**THE PRICE LIST IS VALID
FROM 01.01.2027**

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WILDEBOER


PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

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PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Useful information

1.1 Useful information

1.1.1 General notes

All previous price lists are rendered invalid with the publication of this price list for individual parts and spare parts. No liability is accepted for any printing errors. Prices are quoted in € (EURO) ex works, plus statutory value added tax (VAT). Otherwise our General Terms and Conditions of Delivery and Payment apply. Our customer service conditions apply to customer service calls. The place of jurisdiction for all parties involved is Leer/Ostfriesland.

1.1.2 Minimum order surcharge

For orders with a net value of less than 100 €, a minimum order surcharge of 25 € will be applied.

1.1.3 Tips for navigation in the PDF

You navigate in this PDF file using links. In most PDF readers, once a link has been selected, the key combination "Alt + arrow left" can be used to return to the previous view/page.

1.1.4 General terms of delivery and payment

Our current general terms and conditions of delivery and payment can be found at:

www.wildeboer.de/agb

1.1.5 Contacts

We aim to always provide personal advice and expert service. You will find the contact details for the respective areas listed below.

Quotations



Telephone:
+ 49 4951 - 950 100



E-mail:
angebote@wildeboer.de

Order processing



Telephone:
+ 49 4951 - 950 150



E-mail:
info@wildeboer.de

Technical Support



E-mail:
tb@wildeboer.de

To help you find the right contact person, we have integrated a postcode search on our website.

www.wildeboer.de/kontakt

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Air diffusers

2.1 Air diffusers

2.1.1 LFQ Linear air diffusers

Installation accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0131	Fastening screws M8 x 25 with white caps (similar to RAL 9010)	10	59.-
ZUB 0132	Mount 101 mm in length, for plenum box	2	66.-
ZUB 0133	Fastening screws M8 x 25 with black caps (similar to RAL 9017)	10	70.-
ZUB 0134	Box mount for plenum boxes K and R	3	66.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 15	Pack, lip seal DN150	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 18	Pack, lip seal DN180	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 22	Pack, lip seal DN224	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 28	Pack, lip seal DN280	4	41.-
ZUBR LD01 30	Pack, lip seal DN300	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-

2.1.2 DX swirl diffuser

Installation accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0131	Fastening screws M8x25 with white caps (similar to RAL 9010)	10	59.-
ZUB 0132	Mount 101 mm in length, for plenum box	2	66.-
ZUB 0133	Fastening screws M8x25 with black caps (similar to RAL 9017)	10	70.-
ZUB 0134	Box mount for plenum boxes K and R	3	66.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 15	Pack, lip seal DN150	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 18	Pack, lip seal DN180	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 22	Pack, lip seal DN224	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 28	Pack, lip seal DN280	4	41.-
ZUBR LD01 30	Pack, lip seal DN300	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 35	Pack, lip seal DN355	4	41.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Air diffusers

2.1.3 DT swirl diffuser

Installation accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0131	Fastening screws M8x25 with white caps (similar to RAL 9010)	10	59.-
ZUB 0132	Mount 101 mm in length, for plenum box	2	66.-
ZUB 0133	Fastening screws M8x25 with black caps (similar to RAL 9017)	10	70.-
ZUB 0134	Box mount for plenum boxes K and R	3	66.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 15	Pack, lip seal DN150	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 18	Pack, lip seal DN180	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 22	Pack, lip seal DN224	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 28	Pack, lip seal DN280	4	41.-
ZUBR LD01 30	Pack, lip seal DN300	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-

2.1.4 DV swirl diffuser

Installation accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0131	Fastening screws M8x25 with white caps (similar to RAL 9010)	10	59.-
ZUB 0132	Mount 101 mm in length, for plenum box	2	66.-
ZUB 0133	Fastening screws M8x25 with black caps (similar to RAL 9017)	10	70.-
ZUB 0134	Box mount for plenum boxes K and R	3	66.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 15	Pack, lip seal DN150	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 18	Pack, lip seal DN180	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 22	Pack, lip seal DN224	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 28	Pack, lip seal DN280	4	41.-
ZUBR LD01 30	Pack, lip seal DN300	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 35	Pack, lip seal DN355	4	41.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Air diffusers

2.1.5 DSQ swirl diffuser

Installation accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0131	Fastening screws M8 x 25 with white caps (similar to RAL 9010)	10	59.-
ZUB 0132	Mount 101 mm in length, for plenum box	2	66.-
ZUB 0133	Fastening screws M8 x 25 with black caps (similar to RAL 9017)	10	70.-
ZUB 0134	Box mount for plenum boxes K and R	3	66.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 15	Pack, lip seal DN150	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 18	Pack, lip seal DN180	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 22	Pack, lip seal DN224	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 28	Pack, lip seal DN280	4	41.-
ZUBR LD01 30	Pack, lip seal DN300	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-

2.1.6 DF swirl diffuser

Installation accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0131	Fastening screws M8 x 25 with white caps (similar to RAL 9010)	10	59.-
ZUB 0133	Fastening screws M8 x 25 with black caps (similar to RAL 9017)	10	70.-
ZUB 0135	Box mount for plenum box DF-2	2	59.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 15	Pack, lip seal DN150	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 18	Pack, lip seal DN180	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 22	Pack, lip seal DN224	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 28	Pack, lip seal DN280	4	41.-
ZUBR LD01 30	Pack, lip seal DN300	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 35	Pack, lip seal DN355	4	41.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Mechanical volume flow controllers and limiters

2.2 Mechanical volume flow controllers and limiters

2.2.1 VK2 volume flow controller

Actuators

Discount group E

For width x height: 200 x 100 / 200 x 150 / 300 x 100 / 300 x 150 / 300 x 200 / 400 x 200 / 500 x 200 / 600 x 200

Ordering data	Description	PU	Price
ZUB 0262	Motor LM230A (M1), reversing servo motor 230 V AC, including motor adapter	1	270.-
ZUB 0263	Motor LM24A (M2), reversing servo motor 24 V AC/DC, including motor adapter	1	270.-
ZUB 0264	Motor LM24A-SR (M3), reversing servo motor 24 V AC/DC, including motor adapter	1	380.-

Actuators

Discount group E

For width x height: 200 x 200 / 300 x 250 / 400 x 250 / 400 x 300 / 500 x 250 / 500 x 300

Ordering data	Description	PU	Price
ZUB 0268	Motor NM230A (M1), reversing servo motor 230 V AC, including motor adapter	1	273.-
ZUB 0269	Motor NM24A (M2), reversing servo motor 24 V AC/DC, including motor adapter	1	332.-
ZUB 0270	Motor NM24A-SR (M3), reversing servo motor 24 V AC/DC, including motor adapter	1	462.-

Actuators

Discount group E

For width x height: 300 x 300 / 600 x 250 / 600 x 300

Ordering data	Description	PU	Price
ZUB 0256	Motor SM230A, reversing servo motor 230 V AC, including motor adapter	1	260.-
ZUB 0255	Motor SM24A, reversing servo motor 24 V AC/DC, including motor adapter	1	260.-
ZUB 0570	Motor SM24A-SR (M3), reversing servo motor 24 V AC/DC, including motor adapter	1	466.-

2.2.2 VR1 | VR1-N volume flow controllers

Actuators

Discount group E

Ordering data	Description	PU	Price
ZUB 0262	Motor LM230A (M1), reversing servo motor 230 V AC, including motor adapter	1	270.-
ZUB 0263	Motor LM24A (M2), reversing servo motor 24 V AC/DC, including motor adapter	1	270.-
ZUB 0264	Motor LM24A-SR (M3), reversing servo motor 24 V AC/DC, including motor adapter	1	380.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 08	Pack, lip seal DN80	4	41.-
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Electrical volume flow controllers

2.2.3 VRL1 volume flow limiter

Actuators

Discount group E

Ordering data	Description	PU	Price
ZUB 0278	Motor CM230-F-L (M1), reversing servo motor 230 V AC	1	140.-
ZUB 0279	Motor CM24-F-L (M2), reversing servo motor 24 V AC/DC	1	140.-
ZUB 0280	Motor CM24-SR-F-L (M3), reversing servo motor 24 V AC/DC continuously variable	1	188.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD02 08	Pack, lip seal, profile 2 VRL1 DN80	4	32.-
ZUBR LD02 10	Pack, lip seal, profile 2 VRL1 DN100	4	33.-
ZUBR LD02 12	Pack, lip seal, profile 2 VRL1 DN125	4	34.-
ZUBR LD02 16	Pack, lip seal, profile 2 VRL1 DN160	4	35.-
ZUBR LD02 20	Pack, lip seal, profile 2 VRL1 DN200	4	37.-
ZUBR LD02 25	Pack, lip seal, profile 2 VRL1 DN250	4	40.-
ZUBR LD01 08	Pack, lip seal DN80	4	41.-
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0578	Sticker for marking the position, the direction of air flow and the flow rate set point on the outside of the device	50	27.-

2.3 Electrical volume flow controllers

2.3.1 VRE1 | VRE1-N volume flow controllers

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 40	Pack, lip seal DN400	4	41.-

2.3.2 VKup volume flow controller

Connection cables

Discount group E

Ordering data	Description	PU	Price
ZUB 0103	Connection cable ZK1-GEN for programming unit ZTH-EU and Link10	1	162.-
ZUB 0104	Connection cable ZK2-GEN for programming unit ZTH-EU and Link10	1	52.-

 You can send us an enquiry for actuators as spare parts.
When enquiring, please state the size of the VKup volume flow controller, the sensor, the actuator and the operating mode.

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Electrical volume flow controllers

2.3.3 VKpro volume flow controller

Connection cables

Discount group E

Ordering data	Description	PU	Price
ZUB 0103	Connection cable ZK1-GEN for programming unit ZTH-EU and Link10	1	162.-
ZUB 0104	Connection cable ZK2-GEN for programming unit ZTH-EU and Link10	1	52.-

 You can send us an enquiry for controllers as spare parts.
When enquiring, please state the size of the VKpro volume flow controller, the sensor, the actuator and the operating mode.

Actuators

Discount group E

Ordering data	Description	PU	Price
ZUB 0504	Motor LM24A-VST, standard speed 24 V AC/DC	1	270.-
ZUB 0505	Motor NM24A-VST, standard speed 24 V AC/DC	1	327.-
ZUB 0506	Motor SM24A-VST, standard speed 24 V AC/DC	1	374.-
ZUB 0507	Motor NF24A-VST, Spring return 24 V AC/DC	1	554.-
ZUB 0508	Motor SF24A-VST, Spring return 24 V AC/DC	1	619.-
ZUB 0509	Motor NMQ24A-VST, high speed 24 V AC/DC	1	547.-
ZUB 0510	Motor LMQ24A-VST, high speed 24 V AC/DC	1	455.-
ZUB 0546	Motor SMQ24A-VST, high speed 24 V AC/DC	1	722.-

 You can send us an enquiry for controllers as spare parts.
When enquiring, please state the size of the VKpro volume flow controller, the sensor, the actuator and the operating mode.

2.3.4 VRup volume flow controller

Connection cables

Discount group E

Ordering data	Description	PU	Price
ZUB 0103	Connection cable ZK1-GEN for programming unit ZTH-EU and Link10	1	162.-
ZUB 0104	Connection cable ZK2-GEN for programming unit ZTH-EU and Link10	1	52.-

 You can send us an enquiry for actuators as spare parts. When enquiring, please state the size of the VRup volume flow controller, the communication type and the operating mode.

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 40	Pack, lip seal DN400	4	41.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Electrical volume flow controllers

2.3.5 VRpro volume flow controller - date of manufacture until 2021-07

Connection cables and sensors

Discount group E

Ordering data	Description	PU	Price
ZUB 0104	Connection cable ZK2-GEN for programming unit ZTH-EU and Link10	1	52.-
ZUB 0105	Connection cable ZK4-GEN for programming unit ZTH-EU and Link10	1	89.-
ZUB 0110	Dynamic sensor VFD3 (300 Pa)	1	495.-
ZUB 0112	Static sensor VFP-300 (300 Pa)	1	825.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 40	Pack, lip seal DN400	4	41.-

2.3.6 VRpro volume flow controller - date of manufacture from 2021-08

Connection cables

Discount group E

Ordering data	Description	PU	Price
ZUB 0103	Connection cable ZK1-GEN for programming unit ZTH-EU and Link10	1	162.-
ZUB 0104	Connection cable ZK2-GEN for programming unit ZTH-EU and Link10	1	52.-

 You can send us an enquiry for controllers as spare parts.
When enquiring, please state the size of the VRpro volume flow controller, the sensor, the actuator and the operating mode.

Actuators

Discount group E

Ordering data	Description	PU	Price
ZUB 0504	Motor LM24A-VST, standard speed 24 V AC/DC	1	270.-
ZUB 0505	Motor NM24A-VST, standard speed 24 V AC/DC	1	327.-
ZUB 0507	Motor NF24A-VST, Spring return 24 V AC/DC	1	554.-
ZUB 0508	Motor SF24A-VST, Spring return 24 V AC/DC	1	619.-
ZUB 0510	Motor LMQ24A-VST, high speed 24 V AC/DC	1	455.-
ZUB 0509	Motor NMQ24A-VST, high speed 24 V AC/DC	1	547.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 40	Pack, lip seal DN400	4	41.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Electrical volume flow controllers

2.3.7 DKpro pressure controller

Connection cables

Discount group E

Ordering data	Description	PU	Price
ZUB 0103	Connection cable ZK1-GEN for programming unit ZTH-EU and Link10	1	162.-
ZUB 0104	Connection cable ZK2-GEN for programming unit ZTH-EU and Link10	1	52.-

 You can send us an enquiry for controllers as spare parts.
When enquiring, please state the size of the DKpro pressure controller, the sensor, the actuator and the operating mode.

Actuators

Discount group E

Ordering data	Description	PU	Price
ZUB 0504	Motor LM24A-VST, standard speed 24 V AC/DC	1	270.-
ZUB 0505	Motor NM24A-VST, standard speed 24 V AC/DC	1	327.-
ZUB 0506	Motor SM24A-VST, standard speed 24 V AC/DC	1	374.-
ZUB 0507	Motor NF24A-VST, Spring return 24 V AC/DC	1	554.-
ZUB 0508	Motor SF24A-VST, Spring return 24 V AC/DC	1	619.-
ZUB 0509	Motor NMQ24A-VST, high speed 24 V AC/DC	1	547.-
ZUB 0510	Motor LMQ24A-VST, high speed 24 V AC/DC	1	455.-
ZUB 0546	Motor SMQ24A-VST, high speed 24 V AC/DC	1	722.-

2.3.8 DRpro pressure controller

Connection cables

Discount group E

Ordering data	Description	PU	Price
ZUB 0103	Connection cable ZK1-GEN for programming unit ZTH-EU and Link10	1	162.-
ZUB 0104	Connection cable ZK2-GEN for programming unit ZTH-EU and Link10	1	52.-

 You can send us an enquiry for controllers as spare parts.
When enquiring, please state the size of the DRpro pressure controller, the sensor, the actuator and the operating mode.

Actuators

Discount group E

Ordering data	Description	PU	Price
ZUB 0504	Motor LM24A-VST, standard speed 24 V AC/DC	1	270.-
ZUB 0505	Motor NM24A-VST, standard speed 24 V AC/DC	1	327.-
ZUB 0507	Motor NF24A-VST, Spring return 24 V AC/DC	1	554.-
ZUB 0508	Motor SF24A-VST, Spring return 24 V AC/DC	1	619.-
ZUB 0510	Motor LMQ24A-VST, high speed 24 V AC/DC	1	455.-
ZUB 0509	Motor NMQ24A-VST, high speed 24 V AC/DC	1	547.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 40	Pack, lip seal DN400	4	41.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Multileaf dampers and pressure relief dampers

2.4 Multileaf dampers and pressure relief dampers

2.4.1 JKS multileaf damper

Auxiliary switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0476	Auxiliary switch S1A with one switch contact	1	111.-
ZUB 0477	Auxiliary switch S2A with two switch contacts	1	144.-
ZUB 0478	Auxiliary switch S2A-F with two switch contacts, for emergency operation actuators	1	209.-

Adjustment devices and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0502	Adjusting lever for multileaf dampers, loose	2	18.-
ZUB 0503	Locking device for multileaf dampers, loose	4	18.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0482	Motor LM24A (MBN24, 5 Nm), reversing 24 V AC/DC	1	270.-
ZUB 0483	Motor LM230A (MBN230, 5 Nm), reversing 230 V AC	1	270.-
ZUB 0484	Motor LM24A-SR (MBN24A-SR, 5 Nm), continuously variable 24 V AC/DC	1	380.-
ZUB 0485	Motor NM24A (MBN24, 10 Nm), reversing 24 V AC/DC	1	332.-
ZUB 0486	Motor NM230A (MBN230, 10 Nm), reversing 230 V AC	1	343.-
ZUB 0487	Motor NM24A-SR (MBN24A-SR, 10 Nm), continuously variable 24 V AC/DC	1	462.-
ZUB 0567	Motor SM230A (MBN230, 20 Nm), reversing 230 V AC	1	294.-
ZUB 0568	Motor SM24A (MBN24, 20 Nm), reversing 24 V AC/DC	1	286.-
ZUB 0569	Motor SM24A-SR (MBN24A-SR, 20 Nm), continuously variable 24 V AC/DC	1	457.-
ZUB 0491	Motor NFA (MBF230, 10 Nm), emergency operation 230 V AC	1	457.-
ZUB 0492	Motor SFA (MBF230, 20 Nm), emergency operation 230 V AC	1	487.-
ZUB 0493	Motor NF24A (MBF24, 10 Nm), emergency operation 24 V AC/DC	1	387.-
ZUB 0494	Motor SF24A (MBF24, 20 Nm), emergency operation 24 V AC/DC	1	422.-
ZUB 0496	Motor NF24A-SR (MBF24A-SR, 10 Nm), emergency operation and continuously variable 24 V AC/DC	1	441.-
ZUB 0495	Motor SF24A-SR (MBF24A-SR, 20 Nm), emergency operation and continuously variable 24 V AC/DC	1	465.-
ZUB 0497	Motor NMQ24A (MBQ24, 8 Nm), high speed 24 V AC/DC	1	431.-
ZUB 0498	Motor SMQ24A (MBQ24, 16 Nm), high speed 24 V AC/DC	1	468.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Multileaf dampers and pressure relief dampers

2.4.2 JLS multileaf damper

Auxiliary switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0476	Auxiliary switch S1A with one switch contact	1	111.-
ZUB 0477	Auxiliary switch S2A with two switch contacts	1	144.-
ZUB 0478	Auxiliary switch S2A-F with two switch contacts, for emergency operation actuators	1	209.-

Adjustment devices and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0502	Adjusting lever for multileaf dampers, loose	2	18.-
ZUB 0503	Locking device for multileaf dampers, loose	4	18.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0482	Motor LM24A (MBN24, 5 Nm), reversing 24 V AC/DC	1	270.-
ZUB 0483	Motor LM230A (MBN230, 5 Nm), reversing 230 V AC	1	270.-
ZUB 0484	Motor LM24A-SR (MBN24A-SR, 5 Nm), continuously variable 24 V AC/DC	1	380.-
ZUB 0485	Motor NM24A (MBN24, 10 Nm), reversing 24 V AC/DC	1	332.-
ZUB 0486	Motor NM230A (MBN230, 10 Nm), reversing 230 V AC	1	343.-
ZUB 0487	Motor NM24A-SR (MBN24A-SR, 10 Nm), continuously variable 24 V AC/DC	1	462.-
ZUB 0567	Motor SM230A (MBN230, 20 Nm), reversing 230 V AC	1	294.-
ZUB 0568	Motor SM24A (MBN24, 20 Nm), reversing 24 V AC/DC	1	286.-
ZUB 0569	Motor SM24A-SR (MBN24A-SR, 20 Nm), continuously variable 24 V AC/DC	1	457.-
ZUB 0488	Motor GM24A (MBN24, 40 Nm), reversing 24 V AC/DC	1	577.-
ZUB 0489	Motor GM230A (MBN230, 40 Nm), reversing 230 V AC	1	523.-
ZUB 0490	Motor GM24A-SR (MBN24A-SR, 40 Nm), continuously variable 24 V AC/DC	1	631.-
ZUB 0491	Motor NFA (MBF230, 10 Nm), emergency operation 230 V AC	1	457.-
ZUB 0493	Motor NF24A (MBF24, 10 Nm), emergency operation 24 V AC/DC	1	487.-
ZUB 0496	Motor NF24A-SR (MBF24A-SR, 10 Nm), emergency operation and continuously variable 24 V AC/DC	1	387.-
ZUB 0492	Motor SFA (MBF230, 20 Nm), emergency operation 230 V AC	1	487.-
ZUB 0494	Motor SF24A (MBF24, 20 Nm), emergency operation 24 V AC/DC	1	422.-
ZUB 0495	Motor SF24A-SR (MBF24A-SR, 20 Nm), emergency operation and continuously variable 24 V AC/DC	1	465.-
ZUB 0499	Motor EF24A (MBF24, 30 Nm), emergency operation 24 V AC/DC	1	749.-
ZUB 0500	Motor EF230A (MBF230, 30 Nm), emergency operation 230 V AC	1	860.-
ZUB 0501	Motor EF24A-SR (MBF24A-SR, 30 Nm), emergency operation and continuously variable 24 V AC/DC	1	802.-
ZUB 0497	Motor NMQ24A (MBQ24, 8 Nm), high speed 24 V AC/DC	1	431.-
ZUB 0498	Motor SMQ24A (MBQ24, 16 Nm), high speed 24 V AC/DC	1	468.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Multileaf dampers and pressure relief dampers

2.4.3 JK multileaf damper

Auxiliary switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0418	Auxiliary switch S1A with one switch contact, for servo motors SM24A and SM230A	1	73.-
ZUB 0419	Auxiliary switch S2A with two switch contacts, for servo motors SM24A and SM230A	1	98.-

Adjustment devices and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0121	Adjusting lever for multileaf dampers, loose	2	60.-
ZUB 0114	Locking device for multileaf dampers, loose	2	60.-
ZUB 0117	Axle extension for adjusting lever, diameter 12 mm, length 150 mm	1	52.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0256	Motor SM230A (M0, M2, M3), reversing servo motor 230 V AC, without auxiliary switch	1	260.-
ZUB 0255	Motor SM24A (M1, M4, M5), reversing servo motor 24 V AC/DC, without auxiliary switch	1	260.-
ZUB 0241	Motor BF230 (M6), spring return actuator 230 V AC	1	482.-
ZUB 0242	Motor BF24 (M7), spring return actuator 24 V AC/DC	1	482.-
ZUB 0118	Actuator console for loose servo motors SM24A and SM230A, construction length 180 mm	2	52.-
ZUB 0119	Actuator console for loose servo motors SM24A and SM230A, construction length 120 mm	2	52.-
ZUB 0120	Actuator console for loose spring return actuators BF230 and BF24	2	52.-
ZUB 0115	Axle extension for servo motors SM24A and SM230A, diameter 18 mm	1	52.-
ZUB 0116	Axle extension for spring return actuators BF230 and BF24, 12 x 12 mm	1	52.-

2.4.4 JL multileaf damper

Auxiliary switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0418	Auxiliary switch S1A with one switch contact, for servo motors SM24A and SM230A	1	73.-
ZUB 0419	Auxiliary switch S2A with two switch contacts, for servo motors SM24A and SM230A	1	98.-

Adjustment devices and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0121	Adjusting lever for multileaf dampers, loose	2	60.-
ZUB 0114	Locking device for multileaf dampers, loose	2	60.-
ZUB 0117	Axle extension for adjusting lever, diameter 12 mm, length 150 mm	1	52.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0256	Motor SM230A (M0, M2, M3), reversing servo motor 230 V AC, without auxiliary switch	1	260.-
ZUB 0255	Motor SM24A (M1, M4, M5), reversing servo motor 24 V AC/DC, without auxiliary switch	1	260.-
ZUB 0241	Motor BF230 (M6), spring return actuator 230 V AC	1	482.-
ZUB 0242	Motor BF24 (M7), spring return actuator 24 V AC/DC	1	482.-
ZUB 0118	Actuator console for loose servo motors SM24A and SM230A, construction length 180 mm	2	52.-
ZUB 0119	Actuator console for loose servo motors SM24A and SM230A, construction length 120 mm	2	52.-
ZUB 0120	Actuator console for loose spring return actuators BF230 and BF24	2	52.-
ZUB 0115	Axle extension for servo motors SM24A and SM230A, diameter 18 mm	1	52.-
ZUB 0116	Axle extension for spring return actuators BF230 and BF24, 12 x 12 mm	1	52.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Multileaf dampers and pressure relief dampers

2.4.5 UK pressure relief damper

Axle pin

Discount group E

Ordering data	Description	PU	Price
ZUB 0122	Axle pin with plastic lock	12	60-

2.4.6 UE pressure relief damper

Axle pin

Discount group E

Ordering data	Description	PU	Price
ZUB 0122	Axle pin with plastic lock	12	60-

2.4.7 Weather resistant louvre combinations

Auxiliary switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0418	Auxiliary switch S1A with one switch contact, for servo motors SM24A and SM230A	1	73-
ZUB 0419	Auxiliary switch S2A with two switch contacts, for servo motors SM24A and SM230A	1	98-

Adjustment devices and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0121	Adjusting lever for multileaf dampers, loose	2	60-
ZUB 0114	Locking device for multileaf dampers, loose	2	60-
ZUB 0117	Axle extension for adjusting lever, diameter 12 mm, length 150 mm	1	52-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0256	Motor SM230A (M0, M2, M3), reversing servo motor 230 V AC, without auxiliary switch	1	260-
ZUB 0255	Motor SM24A (M1, M4, M5), reversing servo motor 24 V AC/DC, without auxiliary switch	1	260-
ZUB 0241	Motor BF230 (M6), spring return actuator 230 V AC	1	482-
ZUB 0242	Motor BF24 (M7), spring return actuator 24 V AC/DC	1	482-
ZUB 0118	Actuator console for loose servo motors SM24A and SM230A, construction length 180 mm	2	52-
ZUB 0119	Actuator console for loose servo motors SM24A and SM230A, construction length 120 mm	2	52-
ZUB 0120	Actuator console for loose spring return actuators BF230 and BF24	2	52-
ZUB 0115	Axle extension for servo motors SM24A and SM230A, diameter 18 mm	1	52-
ZUB 0116	Axle extension for spring return actuators BF230 and BF24, 12 x 12 mm	1	52-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1 Fire dampers

3.1.1 FK90 fire damper (series FK92) – date of manufacture from 2007-03

with test certificate/approval: Z-41.3-640, from 2013-07 with declaration of performance according to EN 15650

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0193	Fusible link sleeves 70° with release element	2	78.-
ZUB 0194	95°C fusible link sleeves coated with release element	2	96.-
ZUB 0195	70°C fusible link sleeves coated with release element	2	96.-
ZUB 0574	Duct sensor 70° with plug connector, button and adapter plate	1	81.-
ZUB 0575	Duct sensor 95° with plug connector, button and adapter plate	1	81.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-
ZUB 0162	Duct sensor ZBAE 95/9 for release element BAE 95/9, sensor length 90 mm	1	92.-
ZUB 0292	Duct sensor ZBAT 95/9 for release element BAT 95/9, sensor length 90 mm	1	92.-
ZUB 0293	Duct sensor ZBAT 72/9 for release element BAT 72/9, sensor length 90 mm	1	92.-
ZUB 0159	ST1.72N thermal-electrical release 72°C	1	81.-
ZUB 0168	ST1.90N thermal-electrical release 90°C	1	81.-
ZUB 0169	Temperature release element Expro-TT-72 for actuators EM-1, EM-2 and RM-1	1	636.-
ZUB 0205	W220 lifting solenoid 230 V AC for thermal-mechanical release mechanism	1	304.-
ZUB 0206	WU220 magnetic clamp 230 V AC for thermal-mechanical release mechanism	1	206.-
ZUB 0207	G24 lifting solenoid 24 V DC for thermal-mechanical release mechanism	1	253.-
ZUB 0208	GU24 magnetic clamp 24 V DC for thermal-mechanical release mechanism	1	138.-
ZUB 0209	P lift cylinder 4 to 8 bar for thermal-mechanical release mechanism	1	271.-
ZUB 0210	P2 lift cylinder 1.2 to 8 bar for thermal-mechanical release mechanism	1	339.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0417	Limit switch for thermal-mechanical release mechanism	1	28.-
ZUB 0425	Limit switch EX-ZU (CLOSED)	1	313.-
ZUB 0426	Limit switch EX-AUF (OPEN)	1	313.-
ZUB 0427	Limit switch EX-ZU (CLOSED) and EX-AUF (OPEN)	1	591.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0290	Motor M24-9 (B7622.020.024-00, -01 or -02), spring return actuator 24 V AC/DC, with duct sensor 70°C	1	416.-
ZUB 0289	Motor M220-9 (B7622.020.230-00, -01 or -02), spring return actuator 230 V AC, with duct sensor 70°C	1	416.-
ZUB 0281	Motor M24-10 (B7622.021.024-00, -01 or -02), spring return actuator 24 V AC/DC, without duct sensor	1	448.-
ZUB 0282	Motor M220-10 (B7622.021.230-00, -01 or -02), spring return actuator 230 V AC, without duct sensor	1	448.-
ZUB 0283	Motor M24-11 (B7622.022.024-00, -01 or -02), spring return actuator 24 V AC/DC, without duct sensor	1	464.-
ZUB 0284	Motor M220-11 (B7622.022.230-00, -01 or -02), spring return actuator 230 V AC, without duct sensor	1	464.-
ZUB 0288	Motor M24-8 (B7622.005.024-01), Spring return actuator 24 V AC/DC, with duct sensor	1	929.-
ZUB 0240	Motor M24-4, BF 24-T-ST WI (B7622.002.024-00 or -02), spring return actuator 24 V AC/DC, with external sensor, with duct sensor	1	656.-
ZUB 0238	Motor M220-4, BF 230-T-ST WI (B7622.002.230-00, -02 or -03), spring return actuator 230 V AC, with external sensor, with duct sensor	1	656.-
ZUB 0245	Motor M24-2, SFR 1.90T SLC/12-WI, spring return actuator 24 V SLC, with duct sensor, only suitable for SLC BUS control	1	659.-
ZUB 0253	Motor M24-3 SFR 1.90T/12/T-WI, spring return actuator 24 V AC/DC, with duct sensor	1	798.-
ZUB 0254	Motor M220-3 SFR 2.90T/12/T-WI, spring return actuator 230 V AC, with duct sensor	1	857.-
ZUB 0258	Motor EM-2, Ex-Max 15-BF, spring return actuator, without duct sensor	1	6141.-
ZUB 0259	Motor EM-1, Ex-Max 5.10-BF, spring return actuator, without duct sensor	1	5562.-
ZUB 0260	Motor RM-1, Red-Max 5.10-BF, spring return actuator, without duct sensor	1	4925.-
ZUB 0285	Motor B7622.022.024-00, -01 or -02, spring return actuator 24 V AC/DC, with duct sensor 70°C, with adapter plate (replacing M24-7, type BLF24-T-ST WI)	1	464.-
ZUB 0286	Motor B7622.022.230-00, -01 or -02, spring return actuator 230 V AC, with duct sensor 70°C, with adapter plate (replacing M220-7, type BLF230-T-ST WI)	1	464.-
ZUB 0387	Ex-Box-BF terminal box, for actuators EM-1 and EM-2	1	636.-
ZUB 0388	Red-Box-BF terminal box, for actuators RM-1	1	572.-
ZUB 0389	Installation console for BF terminal boxes for Ex-Box and Red-Box	1	39.-

Operation unit

Discount group E

Ordering data	Description	PU	Price
ZUB 0198	Operation unit TMA V1 with enclosed thermal-mechanical release element 70°C, for widths from 755 mm	1	177.-
ZUB 0199	Operation unit TMA V2 with enclosed thermal-mechanical release element 70°C, for widths up to 400 mm in combination with heights up to 300 mm	1	177.-
ZUB 0200	Operation unit TMA V4 with enclosed thermal-mechanical release element 70°C, for widths from 401 mm to 750 mm or heights from 301 mm	1	177.-
ZUB 0219	Operation unit M24-9/H with spring return actuator 24 V AC/DC	1	529.-
ZUB 0220	Operation unit M220-9/H with spring return actuator 230 V AC	1	529.-
ZUB 0221	Operation unit M24-10/H with spring return actuator 24 V AC/DC	1	529.-
ZUB 0222	Operation unit M220-10/H with spring return actuator 230 V AC	1	529.-
ZUB 0223	Operation unit M24-11/H with spring return actuator 24 V AC/DC	1	529.-
ZUB 0224	Operation unit M220-11/H with spring return actuator 230 V AC	1	529.-
ZUB 0232	Operation unit M24-8 with spring return actuator 24 V AC/DC and additional console	1	1048.-
ZUB 0214	Operation unit M24-4 with spring return actuator 24 V AC/DC	1	753.-
ZUB 0213	Operation unit M220-4 with spring return actuator 230 V AC	1	753.-
ZUB 0215	Operation unit M24-2 with spring return actuator 24 V SLC, for JCI bus control	1	913.-
ZUB 0216	Operation unit EM-2 with explosion-protected spring return actuator and terminal box	1	7511.-
ZUB 0217	Operation unit EM-1 with explosion-protected spring return actuator and terminal box	1	6932.-
ZUB 0218	Operation unit RM-1 with explosion-protected spring return actuator and terminal box	1	5929.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0302	Suspended ceiling position indicators	2	32.-
ZUB 0303	FK90 bracket for installation with ER1, ER3 or ER7	8	58.-
ZUB 0313	Zykon drill with drive-in mandrels for installation of the installation subframes ER4, ER5 and ER6	1	286.-
ZUB 0331	Fixing nuts M10 for mounting frame AR1	20	35.-
ZUB 0336	FK90 connection brackets	4	40.-
ZUB 0339	FK90 suspension bracket AW (comprising corner connections and angle bracket for ceiling installation)	4 / 2	96.-
ZUB 0341	FK90 suspension bracket AR2 (comprising corner connections and angle bracket for ceiling installation)	4 / 2	138.-
ZUB 0342	FK90 support bracket for mounting frame AR2, from width 740 mm	1	34.-
ZUB 0340	ER4 installation accessories (threaded rods, dowels, washers etc.) from 06/2015	1	211.-
ZUB 0352	ER4 installation accessories, with corrosion protection (threaded rods, dowels, washers etc.) from 01/2016	1	211.-
ZUB 0343	ER8 fastening kit, width $\leq$ 550 mm (comprising ER8 angle brackets, ER8 brackets and ER8 stop plates)	4 / 4 / 8	32.-
ZUB 0344	ER8 fastening kit,width > 550 mm (comprising ER8 angle brackets, ER8 brackets and ER8 stop plates)	8 / 8 / 8	47.-
ZUB 0357	Inspection cover with seal	1	35.-
ZUB 0394	Inspection cover with seal and corrosion protection coating	1	52.-
ZUB 0390	Blind caps for thermal-mechanical release mechanism	20	35.-
ZUB 0392	Rubber stoppers for inspection opening and link feedthrough	7 / 7	35.-
ZUB 0355	Additional console for mounting actuators M24-10/H, M220-10/H, M24-11/H and M220-11/H in 0° position	1	32.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades with metal frame made of galvanized steel

Discount group E

Ordering data: FK92 - LK - nominal width - nominal height

		Width [mm]																
		200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800
Height [mm]	200	128-	135-	144-	152-	160-	167-	176-	183-	183-	187-	204-	218-	227-	231-	236-	247-	252-
	225	129-	135-	144-	152-	162-	167-	176-	183-	193-	194-	205-	220-	230-	237-	240-	252-	253-
	250	144-	152-	152-	156-	163-	170-	177-	185-	194-	195-	209-	225-	235-	240-	242-	252-	255-
	275	152-	155-	156-	163-	170-	177-	185-	193-	197-	209-	225-	231-	235-	242-	247-	253-	260-
	300	160-	162-	166-	170-	177-	185-	194-	197-	205-	214-	225-	231-	236-	245-	251-	255-	260-
	325	167-	170-	172-	177-	185-	194-	203-	205-	213-	218-	226-	236-	240-	247-	253-	260-	262-
	350	176-	177-	177-	186-	195-	203-	208-	213-	213-	225-	227-	237-	245-	251-	253-	262-	267-
	375	183-	186-	194-	197-	204-	209-	209-	214-	214-	226-	231-	240-	246-	253-	260-	270-	273-
	400	193-	198-	203-	204-	208-	211-	211-	218-	220-	230-	231-	245-	247-	255-	262-	270-	279-
	450	205-	205-	205-	208-	208-	226-	227-	227-	227-	236-	237-	247-	251-	260-	272-	279-	286-
	500	209-	209-	209-	211-	213-	227-	227-	230-	230-	237-	240-	252-	253-	262-	276-	281-	294-
	550	220-	225-	225-	226-	227-	231-	235-	237-	240-	246-	251-	260-	270-	280-	294-	299-	310-
	600	227-	230-	230-	230-	230-	236-	237-	245-	245-	252-	253-	269-	279-	289-	301-	307-	315-
	650	231-	235-	235-	236-	236-	237-	245-	246-	247-	255-	262-	273-	281-	295-	307-	314-	323-
	700	236-	237-	237-	237-	240-	245-	247-	252-	253-	262-	270-	280-	290-	302-	315-	322-	338-
	750	240-	242-	242-	242-	245-	246-	252-	253-	256-	269-	272-	284-	296-	310-	327-	333-	347-
	800	245-	246-	246-	246-	247-	253-	260-	262-	267-	273-	280-	295-	307-	321-	335-	343-	357-
850	273-	276-	276-	276-	279-	284-	289-	290-	296-	304-	310-	323-	338-	349-	365-	372-	387-	
900	304-	305-	305-	305-	307-	312-	319-	321-	327-	333-	339-	353-	367-	380-	393-	403-	417-	
950	333-	335-	335-	335-	338-	343-	348-	349-	354-	364-	370-	382-	397-	409-	424-	431-	447-	
1000	364-	365-	365-	365-	367-	372-	378-	380-	386-	391-	398-	413-	425-	439-	455-	461-	476-	

		Width [mm]											
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1400	1500
Height [mm]	200	252-	253-	256-	270-	280-	290-	294-	299-	301-	314-	315-	319-
	225	253-	256-	267-	272-	281-	294-	294-	299-	302-	314-	319-	321-
	250	255-	267-	272-	273-	284-	296-	299-	304-	314-	321-	327-	327-
	275	262-	272-	279-	281-	294-	301-	302-	311-	319-	327-	333-	335-
	300	270-	273-	281-	289-	296-	302-	304-	311-	322-	332-	343-	352-
	325	273-	280-	289-	294-	299-	310-	311-	319-	330-	335-	347-	365-
	350	273-	280-	289-	294-	299-	310-	311-	322-	332-	335-	347-	365-
	375	276-	284-	296-	301-	307-	315-	322-	330-	335-	344-	354-	367-
	400	279-	289-	299-	304-	311-	319-	323-	333-	339-	349-	361-	374-
	450	294-	299-	304-	315-	333-	335-	339-	347-	353-	354-	370-	393-
	500	299-	307-	314-	322-	339-	343-	344-	354-	361-	365-	377-	400-
	550	315-	323-	332-	341-	357-	364-	365-	377-	382-	387-	412-	436-
	600	323-	332-	341-	352-	370-	374-	377-	386-	393-	403-	422-	446-
	650	335-	343-	357-	370-	386-	389-	391-	403-	412-	420-	439-	468-
	700	344-	354-	370-	381-	397-	400-	404-	417-	424-	437-	456-	483-
	750	354-	367-	380-	391-	407-	415-	419-	428-	439-	451-	471-	500-
	800	370-	378-	391-	403-	420-	425-	430-	440-	456-	468-	490-	520-
	850	398-	408-	422-	431-	-	-	-	-	-	-	-	-
	900	428-	437-	451-	461-	-	-	-	-	-	-	-	-
	950	457-	467-	481-	490-	-	-	-	-	-	-	-	-
	1000	488-	497-	510-	520-	-	-	-	-	-	-	-	-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades with galvanized metal cover

Discount group E

Ordering data: FK92 - LK - nominal width - nominal height - KB

		Width [mm]																
		200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800
Height [mm]	200	143-	150-	160-	167-	176-	185-	194-	203-	203-	209-	225-	240-	251-	253-	260-	273-	279-
	225	143-	150-	160-	167-	176-	185-	194-	203-	209-	211-	230-	245-	252-	262-	262-	279-	280-
	250	160-	167-	170-	172-	177-	186-	195-	204-	211-	213-	231-	246-	255-	262-	267-	279-	281-
	275	167-	170-	172-	177-	186-	195-	204-	209-	214-	230-	245-	253-	255-	267-	273-	280-	286-
	300	176-	177-	182-	186-	195-	204-	211-	218-	227-	237-	246-	255-	260-	270-	273-	281-	289-
	325	185-	186-	187-	195-	204-	211-	220-	227-	236-	242-	246-	260-	262-	273-	279-	286-	290-
	350	194-	195-	197-	205-	213-	220-	230-	236-	237-	246-	251-	260-	269-	276-	281-	289-	294-
	375	203-	205-	211-	218-	226-	231-	231-	237-	237-	246-	253-	267-	272-	280-	289-	295-	301-
	400	209-	218-	220-	225-	230-	235-	236-	240-	242-	252-	255-	270-	272-	281-	289-	296-	304-
	450	227-	227-	227-	230-	230-	247-	247-	247-	247-	255-	260-	273-	276-	286-	296-	304-	315-
	500	230-	231-	231-	235-	237-	247-	247-	251-	252-	260-	267-	279-	280-	290-	302-	311-	322-
	550	245-	246-	246-	246-	247-	253-	255-	260-	262-	272-	273-	289-	295-	307-	322-	332-	339-
	600	251-	252-	252-	252-	252-	260-	260-	269-	270-	279-	280-	294-	302-	319-	332-	339-	349-
	650	253-	255-	255-	255-	256-	260-	269-	270-	273-	281-	289-	301-	310-	323-	339-	347-	357-
	700	260-	260-	260-	262-	262-	269-	273-	279-	280-	289-	295-	307-	319-	333-	347-	354-	372-
	750	262-	267-	267-	267-	269-	272-	279-	280-	284-	294-	299-	314-	327-	341-	357-	367-	381-
	800	270-	272-	272-	272-	272-	280-	286-	289-	294-	301-	307-	323-	338-	352-	370-	378-	391-
	850	302-	304-	304-	304-	305-	311-	319-	321-	327-	333-	341-	357-	371-	386-	403-	409-	425-
	900	333-	338-	338-	338-	339-	344-	349-	352-	361-	367-	372-	389-	404-	419-	433-	441-	459-
	950	367-	370-	370-	370-	371-	378-	382-	386-	390-	400-	407-	422-	436-	450-	467-	474-	490-
	1000	400-	403-	403-	403-	404-	409-	415-	419-	424-	431-	439-	455-	468-	483-	500-	508-	524-

		Width [mm]											
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1400	1500
Height [mm]	200	279-	279-	284-	296-	307-	321-	322-	330-	333-	343-	347-	349-
	225	280-	284-	290-	299-	310-	322-	322-	332-	335-	343-	349-	352-
	250	281-	290-	299-	301-	314-	323-	327-	335-	344-	352-	357-	361-
	275	290-	299-	304-	310-	322-	333-	333-	341-	352-	361-	367-	370-
	300	296-	301-	310-	319-	323-	333-	335-	343-	353-	365-	378-	386-
	325	301-	307-	315-	322-	330-	341-	341-	352-	361-	370-	382-	400-
	350	301-	307-	315-	322-	332-	341-	343-	353-	365-	370-	382-	400-
	375	302-	314-	327-	333-	339-	347-	353-	361-	370-	381-	391-	403-
	400	304-	315-	330-	335-	341-	352-	357-	365-	374-	386-	397-	408-
	450	322-	332-	338-	347-	365-	370-	374-	382-	389-	391-	404-	436-
	500	332-	338-	343-	354-	374-	378-	380-	389-	397-	400-	415-	441-
	550	347-	354-	364-	377-	393-	398-	400-	412-	422-	425-	451-	479-
	600	354-	365-	377-	387-	404-	412-	415-	425-	436-	446-	466-	489-
	650	367-	378-	391-	404-	424-	428-	430-	441-	450-	464-	483-	515-
	700	381-	391-	404-	420-	437-	440-	446-	456-	467-	479-	500-	533-
	750	391-	403-	419-	430-	447-	456-	461-	471-	483-	499-	520-	549-
	800	404-	419-	430-	446-	464-	471-	472-	484-	500-	515-	541-	574-
850	439-	449-	466-	474-	-	-	-	-	-	-	-	-	
900	471-	481-	497-	508-	-	-	-	-	-	-	-	-	
950	505-	514-	530-	541-	-	-	-	-	-	-	-	-	
1000	536-	547-	563-	574-	-	-	-	-	-	-	-	-	

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades with metal frame made of stainless steel

Discount group E

Ordering data: FK92 - LK - nominal width - nominal height - ED

		Width [mm]																
		200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800
Height [mm]	200	211-	227-	240-	252-	267-	279-	290-	302-	302-	315-	335-	361-	378-	386-	391-	415-	419-
	225	213-	227-	240-	252-	267-	279-	290-	302-	315-	321-	343-	367-	381-	393-	397-	419-	422-
	250	240-	252-	253-	255-	272-	281-	295-	307-	319-	323-	347-	372-	386-	397-	400-	419-	424-
	275	252-	255-	260-	272-	281-	295-	307-	315-	327-	344-	367-	382-	387-	400-	415-	422-	430-
	300	267-	270-	272-	281-	295-	307-	319-	330-	341-	357-	370-	386-	391-	404-	415-	425-	436-
	325	279-	281-	284-	295-	307-	321-	333-	341-	353-	365-	374-	391-	397-	412-	420-	430-	437-
	350	290-	294-	296-	310-	322-	333-	344-	353-	357-	370-	378-	391-	403-	417-	424-	436-	439-
	375	302-	311-	319-	327-	339-	347-	347-	357-	361-	374-	382-	400-	408-	422-	436-	446-	456-
	400	315-	332-	333-	338-	343-	352-	353-	365-	365-	380-	386-	403-	412-	425-	437-	447-	461-
	450	341-	341-	341-	343-	343-	374-	377-	377-	377-	389-	393-	412-	417-	430-	447-	461-	474-
	500	347-	349-	349-	352-	354-	374-	377-	378-	381-	391-	398-	419-	420-	437-	459-	471-	484-
	550	367-	370-	370-	374-	377-	382-	386-	391-	397-	407-	415-	431-	446-	466-	484-	499-	514-
	600	378-	380-	380-	381-	381-	391-	393-	403-	404-	419-	422-	441-	459-	479-	499-	510-	525-
	650	386-	387-	387-	387-	389-	391-	403-	404-	412-	425-	436-	451-	468-	489-	509-	522-	541-
	700	391-	393-	393-	393-	397-	403-	412-	419-	422-	437-	446-	466-	481-	501-	524-	534-	558-
	750	397-	400-	400-	400-	403-	408-	419-	422-	428-	441-	450-	472-	490-	515-	541-	549-	576-
	800	404-	408-	408-	408-	412-	422-	430-	437-	440-	451-	466-	489-	509-	533-	557-	568-	592-
	850	451-	456-	456-	456-	459-	467-	476-	479-	489-	501-	510-	536-	556-	578-	602-	616-	640-
	900	501-	505-	505-	505-	508-	516-	525-	526-	538-	549-	558-	584-	606-	626-	650-	664-	686-
	950	549-	554-	554-	554-	556-	564-	575-	578-	586-	597-	607-	633-	655-	676-	701-	712-	736-
	1000	597-	602-	602-	602-	606-	616-	624-	626-	634-	649-	657-	682-	703-	724-	749-	761-	786-

		Width [mm]											
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1400	1500
Height [mm]	200	420-	420-	428-	447-	466-	483-	484-	495-	501-	516-	525-	526-
	225	422-	428-	439-	449-	468-	484-	488-	495-	505-	520-	530-	533-
	250	425-	439-	449-	451-	472-	489-	493-	505-	522-	530-	541-	543-
	275	437-	450-	464-	467-	484-	501-	505-	516-	530-	543-	556-	556-
	300	446-	451-	468-	479-	489-	505-	508-	516-	534-	548-	568-	584-
	325	451-	466-	478-	484-	495-	515-	515-	530-	546-	556-	576-	600-
	350	451-	466-	479-	484-	495-	515-	516-	534-	547-	557-	576-	606-
	375	459-	472-	490-	501-	510-	524-	534-	546-	556-	575-	591-	610-
	400	464-	478-	495-	508-	516-	530-	541-	549-	564-	580-	596-	617-
	450	484-	495-	508-	524-	549-	557-	563-	576-	586-	591-	613-	656-
	500	495-	509-	520-	536-	564-	568-	574-	589-	597-	607-	623-	665-
	550	524-	536-	547-	568-	592-	597-	606-	622-	634-	641-	683-	720-
	600	538-	548-	567-	585-	614-	618-	623-	640-	656-	672-	702-	741-
	650	556-	572-	592-	614-	638-	646-	652-	670-	682-	697-	728-	777-
	700	575-	589-	614-	632-	660-	665-	673-	689-	703-	723-	757-	801-
	750	591-	607-	630-	649-	676-	685-	692-	712-	728-	751-	783-	830-
	800	614-	627-	652-	672-	697-	709-	715-	731-	757-	777-	817-	863-
	850	657-	673-	697-	712-	-	-	-	-	-	-	-	-
	900	706-	720-	748-	761-	-	-	-	-	-	-	-	-
	950	757-	770-	795-	810-	-	-	-	-	-	-	-	-
	1000	803-	819-	843-	859-	-	-	-	-	-	-	-	-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades with metal frame and metal cover made of stainless steel

Discount group E

Ordering data: FK92 - LK - nominal width - nominal height - KD

		Width [mm]																
		200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800
Height [mm]	200	226-	237-	252-	267-	280-	294-	304-	319-	319-	333-	353-	380-	397-	404-	415-	436-	439-
	225	227-	240-	252-	267-	280-	294-	307-	319-	333-	338-	364-	386-	400-	419-	420-	439-	441-
	250	252-	267-	270-	272-	284-	296-	310-	322-	335-	341-	367-	389-	407-	419-	422-	440-	447-
	275	267-	270-	273-	284-	296-	310-	323-	333-	343-	365-	387-	403-	408-	422-	437-	446-	451-
	300	280-	281-	286-	296-	310-	323-	338-	347-	357-	378-	389-	404-	412-	425-	437-	447-	456-
	325	294-	296-	299-	310-	323-	338-	349-	361-	374-	382-	391-	412-	420-	436-	441-	451-	464-
	350	304-	310-	314-	327-	339-	349-	365-	374-	378-	389-	397-	415-	424-	439-	447-	461-	466-
	375	319-	330-	338-	344-	354-	367-	367-	378-	380-	391-	403-	422-	430-	446-	456-	468-	481-
	400	333-	347-	349-	354-	365-	372-	374-	382-	382-	400-	404-	425-	431-	447-	461-	471-	484-
	450	361-	361-	361-	364-	364-	391-	393-	393-	393-	408-	415-	436-	437-	451-	472-	484-	500-
	500	365-	367-	367-	370-	377-	393-	393-	398-	400-	415-	420-	439-	441-	461-	481-	495-	509-
	550	386-	389-	389-	391-	393-	404-	407-	415-	419-	428-	437-	456-	468-	489-	514-	524-	541-
	600	397-	400-	400-	400-	400-	415-	415-	424-	428-	439-	446-	467-	483-	505-	525-	538-	556-
	650	404-	408-	408-	408-	412-	415-	424-	428-	436-	447-	459-	478-	493-	515-	538-	548-	568-
	700	415-	417-	417-	417-	419-	424-	436-	439-	446-	461-	468-	489-	508-	530-	549-	564-	589-
	750	420-	422-	422-	422-	424-	430-	440-	446-	450-	467-	474-	499-	516-	543-	568-	584-	610-
	800	428-	430-	430-	430-	431-	441-	451-	461-	466-	479-	488-	515-	536-	558-	586-	597-	626-
	850	479-	483-	483-	483-	488-	497-	506-	509-	518-	533-	541-	567-	591-	614-	640-	652-	678-
	900	533-	536-	536-	536-	539-	548-	557-	562-	572-	584-	592-	618-	643-	665-	691-	703-	730-
	950	584-	586-	586-	586-	591-	600-	610-	614-	623-	634-	644-	672-	693-	718-	743-	757-	783-
	1000	634-	640-	640-	640-	643-	652-	661-	665-	675-	686-	697-	723-	748-	768-	795-	809-	834-

		Width [mm]											
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1400	1500
Height [mm]	200	441-	441-	450-	471-	489-	509-	514-	524-	530-	547-	552-	557-
	225	446-	450-	464-	472-	493-	510-	514-	524-	533-	547-	557-	558-
	250	447-	464-	472-	479-	499-	516-	522-	533-	548-	558-	574-	574-
	275	464-	474-	488-	490-	510-	526-	530-	546-	557-	574-	584-	585-
	300	471-	479-	493-	505-	516-	530-	533-	547-	564-	580-	597-	616-
	325	478-	489-	501-	510-	522-	543-	546-	557-	575-	585-	610-	634-
	350	479-	489-	505-	514-	524-	543-	546-	564-	576-	586-	610-	634-
	375	481-	499-	516-	530-	538-	552-	564-	575-	585-	606-	623-	641-
	400	484-	501-	524-	534-	546-	557-	568-	580-	592-	614-	630-	652-
	450	510-	524-	534-	552-	580-	589-	591-	610-	618-	623-	643-	689-
	500	524-	534-	547-	567-	592-	597-	606-	622-	632-	638-	657-	702-
	550	552-	567-	576-	596-	626-	633-	634-	656-	673-	678-	720-	760-
	600	568-	580-	596-	617-	643-	655-	656-	676-	691-	706-	741-	779-
	650	585-	600-	626-	646-	675-	681-	683-	703-	719-	733-	767-	819-
	700	607-	622-	643-	670-	693-	702-	709-	725-	742-	762-	799-	847-
	750	623-	638-	664-	683-	714-	724-	728-	749-	768-	791-	826-	876-
	800	643-	661-	683-	706-	733-	745-	753-	770-	799-	819-	859-	909-
	850	697-	714-	741-	757-	-	-	-	-	-	-	-	-
	900	749-	764-	791-	809-	-	-	-	-	-	-	-	-
	950	800-	817-	843-	859-	-	-	-	-	-	-	-	-
	1000	852-	869-	895-	912-	-	-	-	-	-	-	-	-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.2 FK90 fire damper (series FK91) – date of manufacture 2003-05 to 2015-06

with test certificate/approval: Z-41.3-640

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0183	Fusible link 70°	2	35.-
ZUB 0184	Fusible link 70° with corrosion protection coat	1	39.-
ZUB 0185	Fusible link 90°	2	35.-
ZUB 0151	Thermal release element 70°	1	84.-
ZUB 0159	ST1.72N thermal-electrical release 72°C	1	81.-
ZUB 0168	ST1.90N thermal-electrical release 90°C	1	81.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-
ZUB 0162	Duct sensor ZBAE 95/9 for release element BAE 95/9, sensor length 90 mm	1	92.-
ZUB 0169	Temperature release element Expro-TT-72 for actuators EM-1, EM-2 and RM-1	1	636.-
ZUB 0292	Duct sensor ZBAT 95/9 for release element BAT 95/9, sensor length 90 mm	1	92.-
ZUB 0293	Duct sensor ZBAT 72/9 for release element BAT 72/9, sensor length 90 mm	1	92.-
ZUB 0156	Pneumatic release element P	1	162.-
ZUB 0165	Electromagnetic release element WU220	1	191.-
ZUB 0166	Electromagnetic release element G24 with lifting solenoid	1	233.-
ZUB 0167	Electromagnetic release element GU24 with magnetic clamp	1	184.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0415	Limit switch E	1	35.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0238	Motor BF 230-T-ST WI (B7622.002.230-00, -02 or -03), spring return actuator 230 VAC, with external sensor, with duct sensor	1	656.-
ZUB 0240	Motor BF 24-T-ST WI (B7622.002.024-00 or -02), spring return actuator 24 VAC/DC, with external sensor, with duct sensor	1	656.-
ZUB 0245	Motor SFR 1.90T SLC/12-WI, spring return actuator 24 V SLC, with duct sensor, only suitable for SLC BUS control	1	659.-
ZUB 0253	Motor SFR 1.90T/12/T-WI, spring return actuator 24 VAC/DC, with duct sensor	1	798.-
ZUB 0254	Motor SFR 2.90T/12/T-WI, spring return actuator 230 VAC, with duct sensor	1	857.-
ZUB 0258	Motor Ex-Max 15-BF, spring return actuator, without duct sensor	1	6141.-
ZUB 0259	Motor Ex-Max 5.10-BF, spring return actuator, without duct sensor	1	5562.-
ZUB 0260	Motor Red-Max 5.10-BF, spring return actuator, without duct sensor	1	4925.-
ZUB 0387	Ex-Box-BF terminal box, for actuators EM-1 and EM-2	1	636.-
ZUB 0388	Red-Box-BF terminal box, for actuators RM-1	1	572.-
ZUB 0389	Installation console for BF terminal boxes for Ex-Box and Red-Box	1	39.-

Operation unit

Discount group E

Ordering data	Description	PU	Price
ZUB 0147	Operation unit with thermal release element 70°C (for width up to 800 mm in combination with height up to 450 mm)	1	177.-
ZUB 0148	Operation unit with thermal release element 70°C (for width greater than 800 mm or height greater than 450 mm)	1	177.-
ZUB 0127	Operation unit M220-4 with spring return actuator 230 VAC	1	753.-
ZUB 0128	Operation unit M24-4 with spring return actuator 24 VAC/DC	1	753.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0302	Suspended ceiling position indicators	2	32.-
ZUB 0303	FK90 bracket for installation with ER1, ER3 or ER7	8	58.-
ZUB 0331	Fixing nuts M10 for mounting frame AR1	20	35.-
ZUB 0357	Inspection cover with seal	1	35.-
ZUB 0394	Inspection cover with seal and corrosion protection coating	1	52.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades with metal frame made of galvanized steel

Discount group E

Ordering data: FK92 - LK - nominal width - nominal height

		Width [mm]																
		200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800
Height [mm]	200	128-	135-	144-	152-	160-	167-	176-	183-	183-	187-	204-	218-	227-	231-	236-	247-	252-
	225	129-	135-	144-	152-	162-	167-	176-	183-	193-	194-	205-	220-	230-	237-	240-	252-	253
	250	144-	152-	152-	156-	163-	170-	177-	185-	194-	195-	209-	225-	235-	240-	242-	252-	255-
	275	152-	155-	156-	163-	170-	177-	185-	193-	197-	209-	225-	231-	235-	242-	247-	253-	260-
	300	160-	162-	166-	170-	177-	185-	194-	197-	205-	214-	225-	231-	236-	245-	251-	255-	260-
	325	167-	170-	172-	177-	185-	194-	203-	205-	213-	218-	226-	236-	240-	247-	253-	260-	262-
	350	176-	177-	177-	186-	195-	203-	208-	213-	213-	225-	227-	237-	245-	251-	253-	262-	267-
	375	183-	186-	194-	197-	204-	209-	209-	214-	214-	226-	231-	240-	246-	253-	260-	270-	273-
	400	193-	198-	203-	204-	208-	211-	211-	218-	220-	230-	231-	245-	247-	255-	262-	270-	279-
	450	205-	205-	205-	208-	208-	226-	227-	227-	227-	236-	237-	247-	251-	260-	272-	279-	286-
	500	209-	209-	209-	211-	213-	227-	227-	230-	230-	237-	240-	252-	253-	262-	276-	281-	294-
	550	220-	225-	225-	226-	227-	231-	235-	237-	240-	246-	251-	260-	270-	280-	294-	299-	310-
	600	227-	230-	230-	230-	230-	236-	237-	245-	245-	252-	253-	269-	279-	289-	301-	307-	315-
	650	231-	235-	235-	236-	236-	237-	245-	246-	247-	255-	262-	273-	281-	295-	307-	314-	323-
	700	236-	237-	237-	237-	240-	245-	247-	252-	253-	262-	270-	280-	290-	302-	315-	322-	338-
	750	240-	242-	242-	242-	245-	246-	252-	253-	256-	269-	272-	284-	296-	310-	327-	333-	347-
	800	245-	246-	246-	246-	247-	253-	260-	262-	267-	273-	280-	295-	307-	321-	335-	343-	357-

		Width [mm]											
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1400	1500
Height [mm]	200	252-	253-	256-	270-	280-	290-	294-	299-	301-	314-	315-	319-
	225	253-	256-	267-	272-	281-	294-	294-	299-	302-	314-	319-	321-
	250	255-	267-	272-	273-	284-	296-	299-	304-	314-	321-	327-	327-
	275	262-	272-	279-	281-	294-	301-	302-	311-	319-	327-	333-	335-
	300	270-	273-	281-	289-	296-	302-	304-	311-	322-	332-	343-	352-
	325	273-	280-	289-	294-	299-	310-	311-	319-	330-	335-	347-	365-
	350	273-	280-	289-	294-	299-	310-	311-	322-	332-	335-	347-	365-
	375	276-	284-	296-	301-	307-	315-	322-	330-	335-	344-	354-	367-
	400	279-	289-	299-	304-	311-	319-	323-	333-	339-	349-	361-	374-
	450	294-	299-	304-	315-	333-	335-	339-	347-	353-	354-	370-	393-
	500	299-	307-	314-	322-	339-	343-	344-	354-	361-	365-	377-	400-
	550	315-	323-	332-	341-	357-	364-	365-	377-	382-	387-	412-	436-
	600	323-	332-	341-	352-	370-	374-	377-	386-	393-	403-	422-	446-
	650	335-	343-	357-	370-	386-	389-	391-	403-	412-	420-	439-	468-
	700	344-	354-	370-	381-	397-	400-	404-	417-	424-	437-	456-	483-
	750	354-	367-	380-	391-	407-	415-	419-	428-	439-	451-	471-	500-
	800	370-	378-	391-	403-	420-	425-	430-	440-	456-	468-	490-	520-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades with galvanized metal cover

Discount group E

Ordering data: FK92 - LK - nominal width - nominal height - KB

		Width [mm]																
		200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800
Height [mm]	200	143-	150-	160-	167-	176-	185-	194-	203-	203-	209-	225-	240-	251-	253-	260-	273-	279-
	225	143-	150-	160-	167-	176-	185-	194-	203-	209-	211-	230-	245-	252-	262-	262-	279-	280-
	250	160-	167-	170-	172-	177-	186-	195-	204-	211-	213-	231-	246-	255-	262-	267-	279-	281-
	275	167-	170-	172-	177-	186-	195-	204-	209-	214-	230-	245-	253-	255-	267-	273-	280-	286-
	300	176-	177-	182-	186-	195-	204-	211-	218-	227-	237-	246-	255-	260-	270-	273-	281-	289-
	325	185-	186-	187-	195-	204-	211-	220-	227-	236-	242-	246-	260-	262-	273-	279-	286-	290-
	350	194-	195-	197-	205-	213-	220-	230-	236-	237-	246-	251-	260-	269-	276-	281-	289-	294-
	375	203-	205-	211-	218-	226-	231-	231-	237-	237-	246-	253-	267-	272-	280-	289-	295-	301-
	400	209-	218-	220-	225-	230-	235-	236-	240-	242-	252-	255-	270-	272-	281-	289-	296-	304-
	450	227-	227-	227-	230-	230-	247-	247-	247-	247-	255-	260-	273-	276-	286-	296-	304-	315-
	500	230-	231-	231-	235-	237-	247-	247-	251-	252-	260-	267-	279-	280-	290-	302-	311-	322-
	550	245-	246-	246-	246-	247-	253-	255-	260-	262-	272-	273-	289-	295-	307-	322-	332-	339-
	600	251-	252-	252-	252-	252-	260-	260-	269-	270-	279-	280-	294-	302-	319-	332-	339-	349-
	650	253-	255-	255-	255-	256-	260-	269-	270-	273-	281-	289-	301-	310-	323-	339-	347-	357-
	700	260-	260-	260-	262-	262-	269-	273-	279-	280-	289-	295-	307-	319-	333-	347-	354-	372-
	750	262-	267-	267-	267-	269-	272-	279-	280-	284-	294-	299-	314-	327-	341-	357-	367-	381-
800	270-	272-	272-	272-	272-	280-	286-	289-	294-	301-	307-	323-	338-	352-	370-	378-	391-	

		Width [mm]											
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1400	1500
Height [mm]	200	279-	279-	284-	296-	307-	321-	322-	330-	333-	343-	347-	349-
	225	280-	284-	290-	299-	310-	322-	322-	332-	335-	343-	349-	352-
	250	281-	290-	299-	301-	314-	323-	327-	335-	344-	352-	357-	361-
	275	290-	299-	304-	310-	322-	333-	333-	341-	352-	361-	367-	370-
	300	296-	301-	310-	319-	323-	333-	335-	343-	353-	365-	378-	386-
	325	301-	307-	315-	322-	330-	341-	341-	352-	361-	370-	382-	400-
	350	301-	307-	315-	322-	332-	341-	343-	353-	365-	370-	382-	400-
	375	302-	314-	327-	333-	339-	347-	353-	361-	370-	381-	391-	403-
	400	304-	315-	330-	335-	341-	352-	357-	365-	374-	386-	397-	408-
	450	322-	332-	338-	347-	365-	370-	374-	382-	389-	391-	404-	436-
	500	332-	338-	343-	354-	374-	378-	380-	389-	397-	400-	415-	441-
	550	347-	354-	364-	377-	393-	398-	400-	412-	422-	425-	451-	479-
	600	354-	365-	377-	387-	404-	412-	415-	425-	436-	446-	466-	489-
	650	367-	378-	391-	404-	424-	428-	430-	441-	450-	464-	483-	515-
	700	381-	391-	404-	420-	437-	440-	446-	456-	467-	479-	500-	533-
	750	391-	403-	419-	430-	447-	456-	461-	471-	483-	499-	520-	549-
	800	404-	419-	430-	446-	464-	471-	472-	484-	500-	515-	541-	574-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades with metal frame made of stainless steel

Discount group E

Ordering data: FK92 - LK - nominal width - nominal height - ED

		Width [mm]																
		200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800
Height [mm]	200	211-	227-	240-	252-	267-	279-	290-	302-	302-	315-	335-	361-	378-	386-	391-	415-	419-
	225	213-	227-	240-	252-	267-	279-	290-	302-	315-	321-	343-	367-	381-	393-	397-	419-	422-
	250	240-	252-	253-	255-	272-	281-	295-	307-	319-	323-	347-	372-	386-	397-	400-	419-	424-
	275	252-	255-	260-	272-	281-	295-	307-	315-	327-	344-	367-	382-	387-	400-	415-	422-	430-
	300	267-	270-	272-	281-	295-	307-	319-	330-	341-	357-	370-	386-	391-	404-	415-	425-	436-
	325	279-	281-	284-	295-	307-	321-	333-	341-	353-	365-	374-	391-	397-	412-	420-	430-	437-
	350	290-	294-	296-	310-	322-	333-	344-	353-	357-	370-	378-	391-	403-	417-	424-	436-	439-
	375	302-	311-	319-	327-	339-	347-	347-	357-	361-	374-	382-	400-	408-	422-	436-	446-	456-
	400	315-	332-	333-	338-	343-	352-	353-	365-	365-	380-	386-	403-	412-	425-	437-	447-	461-
	450	341-	341-	341-	343-	343-	374-	377-	377-	377-	389-	393-	412-	417-	430-	447-	461-	474-
	500	347-	349-	349-	352-	354-	374-	377-	378-	381-	391-	398-	419-	420-	437-	459-	471-	484-
	550	367-	370-	370-	374-	377-	382-	386-	391-	397-	407-	415-	431-	446-	466-	484-	499-	514-
	600	378-	380-	380-	381-	381-	391-	393-	403-	404-	419-	422-	441-	459-	479-	499-	510-	525-
	650	386-	387-	387-	387-	389-	391-	403-	404-	412-	425-	436-	451-	468-	489-	509-	522-	541-
	700	391-	393-	393-	393-	397-	403-	412-	419-	422-	437-	446-	466-	481-	501-	524-	534-	558-
	750	397-	400-	400-	400-	403-	408-	419-	422-	428-	441-	450-	472-	490-	515-	541-	549-	576-
	800	404-	408-	408-	408-	412-	422-	430-	437-	440-	451-	466-	489-	509-	533-	557-	568-	592-

		Width [mm]											
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1400	1500
Height [mm]	200	420-	420-	428-	447-	466-	483-	484-	495-	501-	516-	525-	526-
	225	422-	428-	439-	449-	468-	484-	488-	495-	505-	520-	530-	533-
	250	425-	439-	449-	451-	472-	489-	493-	505-	522-	530-	541-	543-
	275	437-	450-	464-	467-	484-	501-	505-	516-	530-	543-	556-	556-
	300	446-	451-	468-	479-	489-	505-	508-	516-	534-	548-	568-	584-
	325	451-	466-	478-	484-	495-	515-	515-	530-	546-	556-	576-	600-
	350	451-	466-	479-	484-	495-	515-	516-	534-	547-	557-	576-	606-
	375	459-	472-	490-	501-	510-	524-	534-	546-	556-	575-	591-	610-
	400	464-	478-	495-	508-	516-	530-	541-	549-	564-	580-	596-	617-
	450	484-	495-	508-	524-	549-	557-	563-	576-	586-	591-	613-	656-
	500	495-	509-	520-	536-	564-	568-	574-	589-	597-	607-	623-	665-
	550	524-	536-	547-	568-	592-	597-	606-	622-	634-	641-	683-	720-
	600	538-	548-	567-	585-	614-	618-	623-	640-	656-	672-	702-	741-
	650	556-	572-	592-	614-	638-	646-	652-	670-	682-	697-	728-	777-
	700	575-	589-	614-	632-	660-	665-	673-	689-	703-	723-	757-	801-
	750	591-	607-	630-	649-	676-	685-	692-	712-	728-	751-	783-	830-
	800	614-	627-	652-	672-	697-	709-	715-	731-	757-	777-	817-	863-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades with metal frame and metal cover made of stainless steel

Discount group E

Ordering data: FK92 - LK - nominal width - nominal height - KD

		Width [mm]																
		200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800
Height [mm]	200	226-	237-	252-	267-	280-	294-	304-	319-	319-	333-	353-	380-	397-	404-	415-	436-	439-
	225	227-	240-	252-	267-	280-	294-	307-	319-	333-	338-	364-	386-	400-	419-	420-	439-	441-
	250	252-	267-	270-	272-	284-	296-	310-	322-	335-	341-	367-	389-	407-	419-	422-	440-	447-
	275	267-	270-	273-	284-	296-	310-	323-	333-	343-	365-	387-	403-	408-	422-	437-	446-	451-
	300	280-	281-	286-	296-	310-	323-	338-	347-	357-	378-	389-	404-	412-	425-	437-	447-	456-
	325	294-	296-	299-	310-	323-	338-	349-	361-	374-	382-	391-	412-	420-	436-	441-	451-	464-
	350	304-	310-	314-	327-	339-	349-	365-	374-	378-	389-	397-	415-	424-	439-	447-	461-	466-
	375	319-	330-	338-	344-	354-	367-	367-	378-	380-	391-	403-	422-	430-	446-	456-	468-	481-
	400	333-	347-	349-	354-	365-	372-	374-	382-	382-	400-	404-	425-	431-	447-	461-	471-	484-
	450	361-	361-	361-	364-	364-	391-	393-	393-	393-	408-	415-	436-	437-	451-	472-	484-	500-
	500	365-	367-	367-	370-	377-	393-	393-	398-	400-	415-	420-	439-	441-	461-	481-	495-	509-
	550	386-	389-	389-	391-	393-	404-	407-	415-	419-	428-	437-	456-	468-	489-	514-	524-	541-
	600	397-	400-	400-	400-	400-	415-	415-	424-	428-	439-	446-	467-	483-	505-	525-	538-	556-
	650	404-	408-	408-	408-	412-	415-	424-	428-	436-	447-	459-	478-	493-	515-	538-	548-	568-
	700	415-	417-	417-	417-	419-	424-	436-	439-	446-	461-	468-	489-	508-	530-	549-	564-	589-
	750	420-	422-	422-	422-	424-	430-	440-	446-	450-	467-	474-	499-	516-	543-	568-	584-	610-
	800	428-	430-	430-	430-	431-	441-	451-	461-	466-	479-	488-	515-	536-	558-	586-	597-	626-

		Width [mm]											
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1400	1500
Height [mm]	200	441-	441-	450-	471-	489-	509-	514-	524-	530-	547-	552-	557-
	225	446-	450-	464-	472-	493-	510-	514-	524-	533-	547-	557-	558-
	250	447-	464-	472-	479-	499-	516-	522-	533-	548-	558-	574-	574-
	275	464-	474-	488-	490-	510-	526-	530-	546-	557-	574-	584-	585-
	300	471-	479-	493-	505-	516-	530-	533-	547-	564-	580-	597-	616-
	325	478-	489-	501-	510-	522-	543-	546-	557-	575-	585-	610-	634-
	350	479-	489-	505-	514-	524-	543-	546-	564-	576-	586-	610-	634-
	375	481-	499-	516-	530-	538-	552-	564-	575-	585-	606-	623-	641-
	400	484-	501-	524-	534-	546-	557-	568-	580-	592-	614-	630-	652-
	450	510-	524-	534-	552-	580-	589-	591-	610-	618-	623-	643-	689-
	500	524-	534-	547-	567-	592-	597-	606-	622-	632-	638-	657-	702-
	550	552-	567-	576-	596-	626-	633-	634-	656-	673-	678-	720-	760-
	600	568-	580-	596-	617-	643-	655-	656-	676-	691-	706-	741-	779-
	650	585-	600-	626-	646-	675-	681-	683-	703-	719-	733-	767-	819-
	700	607-	622-	643-	670-	693-	702-	709-	725-	742-	762-	799-	847-
	750	623-	638-	664-	683-	714-	724-	728-	749-	768-	791-	826-	876-
	800	643-	661-	683-	706-	733-	745-	753-	770-	799-	819-	859-	909-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.3 FK90 fire damper N, S, V, Z - date of manufacture 1983-05 to 2003-05

with test certificate/approval: PA-X 164, 165, 166, 175, 185, 186, 239, Z-41.3-354

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0183	Fusible link 70°	2	35.-
ZUB 0184	Fusible link 70° with corrosion protection coat	1	39.-
ZUB 0185	Fusible link 90°	2	35.-
ZUB 0151	Thermal release element 70°C (date of manufacture from 03/1992)	1	84.-
ZUB 0153	Thermal release element 70° (date of manufacture from 03/1992), motorised version	1	84.-
ZUB 0159	ST1.72N thermal-electrical release 72°C	1	81.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-
ZUB 0162	Duct sensor ZBAE 95/9 for release element BAE 95/9, sensor length 90 mm	1	92.-
ZUB 0163	Short circuit cover ZBAE-0 for release element BAE	1	16.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0415	Limit switch E	1	35.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0234	Motor BF 230-T WI (B7622.002.230-03), spring return actuator 230 V AC, with external sensor, with duct sensor, including adapter pack	1	749.-
ZUB 0236	Motor BF 24-T WI (B7622.002.024-02), spring return actuator 24 V AC/DC, with external sensor, with duct sensor, including adapter pack	1	749.-
ZUB 0238	Motor BF 230-T-ST WI (B7622.002.230-00, -02 or -03), spring return actuator 230 V AC, with external sensor, with duct sensor	1	656.-
ZUB 0240	Motor BF 24-T-ST WI (B7622.002.024-00 or -02), spring return actuator 24 V AC/DC, with external sensor, with duct sensor	1	656.-
ZUB 0245	Motor SFR 1.90T SLC/12-WI, spring return actuator 24 V SLC, with duct sensor, only suitable for SLC BUS control	1	659.-
ZUB 0253	Motor SFR 1.90T/12/T-WI, spring return actuator 24 V AC/DC, with duct sensor	1	798.-
ZUB 0254	Motor SFR 2.90T/12/T-WI, spring return actuator 230 V AC, with duct sensor	1	857.-
ZUB 0296	Adapter pack (adapter ZK-BF, adapter 10 to 12 mm)	2	78.-

Operation unit

Discount group E

Ordering data	Description	PU	Price
ZUB 0143	Thermal operation unit 70° (date of manufacture from 04/1991)	1	177.-
ZUB 0294	Operation unit M24/BL70L with spring return actuator 24 V AC/DC, with hard-wired thermal fuse protection (BAT72) 72°C	1	753.-
ZUB 0295	Operation unit M220/BL70L with spring return actuator 230 V AC, with hard-wired thermal fuse protection (BAT72) 72°C	1	753.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0356	Hand lever assembly (date of manufacture from 03/1992)	2	35.-
ZUB 0357	Inspection cover with seal	1	35.-
ZUB 0358	Fusible link switch for motorised version	1	152.-

3.1.4 FK18 fire damper

Fusible links

Discount group E

Ordering data	Description	PU	Price
ZUB 0186	Fusible link 70°	2	37.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.5 FK90K fire damper (series FK92K) - date of manufacture from 2007-03

with test certificate/approval: Z-41.3-662, from 07/2013 with declaration of performance according to EN 15650

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0193	Fusible link sleeves 70° with release element	2	78.-
ZUB 0194	95°C fusible link sleeves coated with release element	2	96.-
ZUB 0195	70°C fusible link sleeves coated with release element	2	96.-
ZUB 0574	Duct sensor 70° with plug connector, button and adapter plate	1	81.-
ZUB 0575	Duct sensor 95° with plug connector, button and adapter plate	1	81.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-
ZUB 0162	Duct sensor ZBAE 95/9 for release element BAE 95/9, sensor length 90 mm	1	92.-
ZUB 0292	Duct sensor ZBAT 95/9 for release element BAT 95/9, sensor length 90 mm	1	92.-
ZUB 0293	Duct sensor ZBAT 72/9 for release element BAT 72/9, sensor length 90 mm	1	92.-
ZUB 0159	ST1.72N thermal-electrical release 72°C	1	81.-
ZUB 0168	ST1.90N thermal-electrical release 90°C	1	81.-
ZUB 0205	W220 lifting solenoid 230 V AC for thermal-mechanical release mechanism	1	304.-
ZUB 0206	WU220 magnetic clamp 230 V AC for thermal-mechanical release mechanism	1	206.-
ZUB 0207	G24 lifting solenoid 24 V DC for thermal-mechanical release mechanism	1	253.-
ZUB 0208	GU24 magnetic clamp 24 V DC for thermal-mechanical release mechanism	1	138.-
ZUB 0209	P lift cylinder 4 to 8 bar for thermal-mechanical release mechanism	1	271.-
ZUB 0210	P2 lift cylinder 1.2 to 8 bar for thermal-mechanical release mechanism	1	339.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0417	Limit switch for thermal-mechanical release mechanism	1	28.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0290	Motor M24-9 (B7622.020.024-00, -01 or -02), spring return actuator 24 V AC/DC, with duct sensor 70°C	1	416.-
ZUB 0289	Motor M220-9 (B7622.020.230-00, -01 or -02), spring return actuator 230 V AC, with duct sensor 70°C	1	416.-
ZUB 0281	Motor M24-10 (B7622.021.024-00, -01 or -02), spring return actuator 24 V AC/DC, without duct sensor	1	448.-
ZUB 0282	Motor M220-10 (B7622.021.230-00, -01 or -02), spring return actuator 230 V AC, without duct sensor	1	448.-
ZUB 0283	Motor M24-11 (B7622.022.024-00, -01 or -02), spring return actuator 24 V AC/DC, without duct sensor	1	464.-
ZUB 0284	Motor M220-11 (B7622.022.230-00, -01 or -02), spring return actuator 230 V AC, without duct sensor	1	464.-
ZUB 0285	Motor B7622.022.024-00, -01 or -02, spring return actuator 24 V AC/DC, with duct sensor 70°C, with adapter plate (replacing M24-7, type BLF24-T-ST WI)	1	464.-
ZUB 0286	Motor B7622.022.230-00, -01 or -02, spring return actuator 230 V AC, with duct sensor 70°C, with adapter plate (replacing M220-7, type BLF230-T-ST WI)	1	464.-
ZUB 0288	Motor M24-8 (B7622.005.024-01), Spring return actuator 24 V AC/DC, with duct sensor	1	929.-
ZUB 0245	Motor M24-2, SFR 1.90T SLC/12-WI, spring return actuator 24 V SLC, with duct sensor, only suitable for SLC BUS control	1	659.-
ZUB 0253	Motor M24-3 SFR 1.90T/12/T-WI, spring return actuator 24 V AC/DC, with duct sensor	1	798.-
ZUB 0254	Motor M220-3 SFR 2.90T/12/T-WI, spring return actuator 230 V AC, with duct sensor	1	857.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Operation unit

Discount group E

Ordering data	Description	PU	Price
ZUB 0203	Operation unit TMA V3 with enclosed thermal-mechanical release element 70°C, for heights from 175 mm	1	177.-
ZUB 0204	Operation unit TMA V5 with enclosed thermal-mechanical release element 70°C, for heights up to 150 mm	1	177.-
ZUB 0219	Operation unit M24-9/H with spring return actuator 24 V AC/DC	1	529.-
ZUB 0220	Operation unit M220-9/H with spring return actuator 230 V AC	1	529.-
ZUB 0221	Operation unit M24-10/H with spring return actuator 24 V AC/DC	1	529.-
ZUB 0222	Operation unit M220-10/H with spring return actuator 230 V AC	1	529.-
ZUB 0223	Operation unit M24-11/H with spring return actuator 24 V AC/DC	1	529.-
ZUB 0224	Operation unit M220-11/H with spring return actuator 230 V AC	1	529.-
ZUB 0232	Operation unit M24-8 with spring return actuator 24 V AC/DC and additional console	1	1048.-
ZUB 0215	Operation unit M24-2 with spring return actuator 24 V SLC, for JCI bus control	1	913.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0302	Suspended ceiling position indicators	2	32.-
ZUB 0304	FK90K angle bracket	4	16.-
ZUB 0305	FK90K connector	4	16.-
ZUB 0307	FK90K cross connector	2	16.-
ZUB 0308	FK90K ceiling bracket	2	16.-
ZUB 0311	FK90K brackets	4	16.-
ZUB 0310	FK90K filling FI, 1250 mm x 100 mm strips	1	23.-
ZUB 0329	ER5 installation accessories (threaded rods, dowels, washers etc.)	1	211.-
ZUB 0337	FK90K corner bracket (comprising corner connections and angle brackets for ceiling installation)	4 / 2	65.-
ZUB 0390	Blind caps for thermal-mechanical release mechanism	20	35.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades, date of manufacture from 2011-02

Discount group E

Ordering data: FK92K - 00 - nominal width - nominal height - _ - LK

		Width [mm]									
		100	150	200	250	300	400	500	600	700	800
Height [mm]	100	138.-	138.-	138.-	155.-	172.-	185.-	218.-	245.-	255.-	270.-
	125	138.-	138.-	138.-	155.-	172.-	185.-	218.-	245.-	255.-	270.-
	150	140.-	140.-	140.-	156.-	172.-	193.-	220.-	246.-	256.-	272.-
	175	140.-	140.-	140.-	156.-	176.-	197.-	225.-	247.-	260.-	276.-
	200	143.-	143.-	143.-	160.-	176.-	203.-	226.-	251.-	267.-	279.-
	225	143.-	143.-	143.-	162.-	177.-	211.-	230.-	253.-	269.-	280.-
	250	160.-	160.-	160.-	170.-	182.-	211.-	231.-	256.-	270.-	284.-

Loose damper blades, date of manufacture 2008-11 to 2011-01

Discount group E

Ordering data: FK92K - 00 - nominal width - nominal height - _ - LB

		Width [mm]									
		100	150	200	250	300	400	500	600	700	800
Height [mm]	100	138.-	138.-	138.-	155.-	172.-	185.-	218.-	245.-	255.-	270.-
	125	138.-	138.-	138.-	155.-	172.-	185.-	218.-	245.-	255.-	270.-
	150	140.-	140.-	140.-	156.-	172.-	193.-	220.-	246.-	256.-	272.-
	175	140.-	140.-	140.-	156.-	176.-	197.-	225.-	247.-	260.-	276.-
	200	143.-	143.-	143.-	160.-	176.-	203.-	226.-	251.-	267.-	279.-
	225	143.-	143.-	143.-	162.-	177.-	211.-	230.-	253.-	269.-	280.-
	250	160.-	160.-	160.-	170.-	182.-	211.-	231.-	256.-	270.-	284.-

Loose damper blades, date of manufacture up to 2008-11

Discount group E

Ordering data: FK92K - 00 - nominal width - nominal height - _ - LA

		Width [mm]									
		100	150	200	250	300	400	500	600	700	800
Height [mm]	100	138.-	138.-	138.-	155.-	172.-	185.-	218.-	245.-	255.-	270.-
	125	138.-	138.-	138.-	155.-	172.-	185.-	218.-	245.-	255.-	270.-
	150	140.-	140.-	140.-	156.-	172.-	193.-	220.-	246.-	256.-	272.-
	175	140.-	140.-	140.-	156.-	176.-	197.-	225.-	247.-	260.-	276.-
	200	143.-	143.-	143.-	160.-	176.-	203.-	226.-	251.-	267.-	279.-
	225	143.-	143.-	143.-	162.-	177.-	211.-	230.-	253.-	269.-	280.-
	250	160.-	160.-	160.-	170.-	182.-	211.-	231.-	256.-	270.-	284.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.6 FK90K fire damper (series FK91K) - date of manufacture 2003-03 to 2007-03

with test certificate/approval: Z-41.3-662

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0183	Fusible link 70°	2	35.-
ZUB 0184	Fusible link 70° with corrosion protection coat	1	39.-
ZUB 0185	Fusible link 90°	2	35.-
ZUB 0159	ST1.72N thermal-electrical release 72°C	1	35.-
ZUB 0168	ST1.90N thermal-electrical release 90°C	1	81.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0416	Limit switch, position OPEN and CLOSED	2	66.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0245	Motor SFR 1.90T SLC/12-WI, spring return actuator 24 V SLC, with duct sensor, only suitable for SLC BUS control	1	659.-

Operation unit

Discount group E

Ordering data	Description	PU	Price
ZUB 0376	Operation unit TM thermal-mechanical 70°C	1	143.-

Loose damper blades with metal frame made of galvanized steel

Discount group E

Ordering data: FK92K - 00 - nominal width - nominal height - _ - LA

		Width [mm]					
		100	200	300	400	600	800
Height [mm]	100	138.-	138.-	172.-	185.-	245.-	270.-
	125	138.-	138.-	172.-	185.-	245.-	270.-
	150	140.-	140.-	172.-	193.-	246.-	272.-
	175	140.-	140.-	176.-	197.-	247.-	276.-
	200	143.-	143.-	176.-	203.-	251.-	279.-
	225	143.-	143.-	177.-	211.-	253.-	280.-
	250	160.-	160.-	182.-	211.-	256.-	284.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.7 BK90 fire damper - date of manufacture 1996-06 to 2009-11

with test certificate/approval: Z-41.3-305

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0183	Fusible link 70°	2	35.-
ZUB 0184	Fusible link 70° with corrosion protection coat	1	39.-
ZUB 0152	Thermal release element 70°	1	125.-
ZUB 0154	Thermal release element 70°, motorised version	1	125.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-
ZUB 0159	ST1.72N thermal-electrical release 72°C	1	81.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0415	Limit switch E	1	35.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0238	Motor BF 230-T-ST WI (B7622.002.230-00, -02 or -03), spring return actuator 230 V AC, with external sensor, with duct sensor	1	656.-
ZUB 0240	Motor BF 24-T-ST WI (B7622.002.024-00 or -02), spring return actuator 24 V AC/DC, with external sensor, with duct sensor	1	656.-
ZUB 0253	Motor SFR 1.90T/12/T-WI, spring return actuator 24 V AC/DC, with duct sensor	1	798.-
ZUB 0254	Motor SFR 2.90T/12/T-WI, spring return actuator 230 V AC, with duct sensor	1	857.-

Operation unit

Discount group E

Ordering data	Description	PU	Price
ZUB 0144	Operation unit thermal 70°C	1	177.-
ZUB 0294	Operation unit M24/BL70L with spring return actuator 24 V AC/DC, with hard-wired thermal fuse protection (BAT72) 72°C	1	753.-
ZUB 0295	Operation unit M220/BL70L with spring return actuator 230 V AC, with hard-wired thermal fuse protection (BAT72) 72°C	1	753.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0300	Self-adhesive intumescent seal 1075 mm x 50 mm	1	35.-
ZUB 0301	Self-adhesive PUR seal 1000 mm x 50 mm	2	35.-
ZUB 0356	Hand lever	2	35.-
ZUB 0358	Fusible link switch for motorised version	1	152.-

3.1.8 BK90E fire damper - date of manufacture 1999-01 to 2007-06

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0238	Motor BF 230-T-ST WI (B7622.002.230-00, -02 or -03), spring return actuator 230 V AC, with external sensor, with duct sensor	1	656.-
ZUB 0240	Motor BF 24-T-ST WI (B7622.002.024-00 or -02), spring return actuator 24 V AC/DC, with external sensor, with duct sensor	1	656.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.9 FR90 fire damper (series FR92) – date of manufacture from 2007-06

with test certificate/approval: Z-41.3-671, from 07/2013 with declaration of performance according to EN 15650

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0193	Fusible link sleeves 70° with release element	2	78.-
ZUB 0194	95°C fusible link sleeves coated with release element	2	96.-
ZUB 0195	70°C fusible link sleeves coated with release element	2	96.-
ZUB 0574	Duct sensor 70° with plug connector, button and adapter plate	1	81.-
ZUB 0575	Duct sensor 95° with plug connector, button and adapter plate	1	81.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-
ZUB 0162	Duct sensor ZBAE 95/9 for release element BAE 95/9, sensor length 90 mm	1	92.-
ZUB 0292	Duct sensor ZBAT 95/9 for release element BAT 95/9, sensor length 90 mm	1	92.-
ZUB 0293	Duct sensor ZBAT 72/9 for release element BAT 72/9, sensor length 90 mm	1	92.-
ZUB 0159	ST1.72N thermal-electrical release 72°C	1	81.-
ZUB 0168	ST1.90N thermal-electrical release 90°C	1	81.-
ZUB 0169	Temperature release element Expro-TT-72 for actuators EM-1, EM-2 and RM-1	1	636.-
ZUB 0205	W220 lifting solenoid 230 V AC for thermal-mechanical release mechanism	1	304.-
ZUB 0206	WU220 magnetic clamp 230 V AC for thermal-mechanical release mechanism	1	206.-
ZUB 0207	G24 lifting solenoid 24 V DC for thermal-mechanical release mechanism	1	253.-
ZUB 0208	GU24 magnetic clamp 24 V DC for thermal-mechanical release mechanism	1	138.-
ZUB 0209	P lift cylinder 4 to 8 bar for thermal-mechanical release mechanism	1	271.-
ZUB 0210	P2 lift cylinder 1.2 to 8 bar for thermal-mechanical release mechanism	1	339.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0417	Limit switch for thermal-mechanical release mechanism	1	28.-
ZUB 0425	Limit switch EX-ZU (CLOSED)	1	313.-
ZUB 0426	Limit switch EX-AUF (OPEN)	1	313.-
ZUB 0427	Limit switch EX-ZU (CLOSED) and EX-AUF (OPEN)	1	591.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0290	Motor M24-9 (B7622.020.024-00, -01 or -02), spring return actuator 24 V AC/DC, with duct sensor 70°C	1	416.-
ZUB 0289	Motor M220-9 (B7622.020.230-00, -01 or -02), spring return actuator 230 V AC, with duct sensor 70°C	1	416.-
ZUB 0281	Motor M24-10 (B7622.021.024-00, -01 or -02), spring return actuator 24 V AC/DC, without duct sensor	1	448.-
ZUB 0282	Motor M220-10 (B7622.021.230-00, -01 or -02), spring return actuator 230 V AC, without duct sensor	1	448.-
ZUB 0283	Motor M24-11 (B7622.022.024-00, -01 or -02), spring return actuator 24 V AC/DC, without duct sensor	1	464.-
ZUB 0284	Motor M220-11 (B7622.022.230-00, -01 or -02), spring return actuator 230 V AC, without duct sensor	1	464.-
ZUB 0288	Motor M24-8 (B7622.005.024-01), Spring return actuator 24 V AC/DC, with duct sensor	1	929.-
ZUB 0240	Motor BF 24-T-ST WI (B7622.002.024-00 or -02), spring return actuator 24 V AC/DC, with external sensor, with duct sensor	1	656.-
ZUB 0238	Motor BF 230-T-ST WI (B7622.002.230-00, -02 or -03), spring return actuator 230 V AC, with external sensor, with duct sensor	1	656.-
ZUB 0245	Motor M24-2, SFR 1.90T SLC/12-WI, spring return actuator 24 V SLC, with duct sensor, only suitable for SLC BUS control	1	659.-
ZUB 0253	Motor M24-3 SFR 1.90T/12/T-WI, spring return actuator 24 V AC/DC, with duct sensor	1	798.-
ZUB 0254	Motor M220-3 SFR 2.90T/12/T-WI, spring return actuator 230 V AC, with duct sensor	1	857.-
ZUB 0258	Motor EM-2, Ex-Max 15-BF, spring return actuator, without duct sensor	1	6141.-
ZUB 0259	Motor EM-1, Ex-Max 510-BF, spring return actuator, without duct sensor	1	5562.-
ZUB 0260	Motor RM-1, Red-Max 510-BF, spring return actuator, without duct sensor	1	4925.-
ZUB 0285	Motor B7622.022.024-00, -01 or -02, spring return actuator 24 V AC/DC, with duct sensor 70°C, with adapter plate (replacing M24-7, type BLF24-T-ST WI)	1	464.-
ZUB 0286	Motor B7622.022.230-00, -01 or -02, spring return actuator 230 V AC, with duct sensor 70°C, with adapter plate (replacing M220-7, type BLF230-T-ST WI)	1	464.-
ZUB 0387	Ex-Box-BF terminal box, for actuators EM-1 and EM-2	1	636.-
ZUB 0388	Red-Box-BF terminal box, for actuators RM-1	1	572.-
ZUB 0389	Installation console for BF terminal boxes for Ex-Box and Red-Box	1	39.-

Operation unit

Discount group E

Ordering data	Description	PU	Price
ZUB 0200	Operation unit TMA V4 with enclosed thermal-mechanical release element 70°C, for diameters from DN355	1	177.-
ZUB 0201	Operation unit TMA V3-1 with enclosed thermal-mechanical release element 70°C, for diameters DN224 to DN315	1	177.-
ZUB 0202	Operation unit TMA V5-1 with enclosed thermal-mechanical release element 70°C, for diameters up to DN200	1	177.-
ZUB 0219	Operation unit M24-9/H with spring return actuator 24 V AC/DC	1	529.-
ZUB 0220	Operation unit M220-9/H with spring return actuator 230 V AC	1	529.-
ZUB 0225	Operation unit M24-10/F with spring return actuator 24 V AC/DC	1	529.-
ZUB 0226	Operation unit M220-10/F with spring return actuator 230 V AC	1	529.-
ZUB 0223	Operation unit M24-11/H with spring return actuator 24 V AC/DC	1	509.-
ZUB 0224	Operation unit M220-11/H with spring return actuator 230 V AC	1	509.-
ZUB 0232	Operation unit M24-8 with spring return actuator 24 V AC/DC and additional console	1	1048.-
ZUB 0214	Operation unit M24-4 with spring return actuator 24 V AC/DC	1	753.-
ZUB 0213	Operation unit M220-4 with spring return actuator 230 V AC	1	753.-
ZUB 0215	Operation unit M24-2 with spring return actuator 24 V SLC, for JCI bus control	1	913.-
ZUB 0216	Operation unit EM-2 with explosion-protected spring return actuator and terminal box	1	7511.-
ZUB 0217	Operation unit EM-1 with explosion-protected spring return actuator and terminal box	1	6932.-
ZUB 0218	Operation unit RM-1 with explosion-protected spring return actuator and terminal box	1	5929.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0309	Adhesive paste S for sealing installation subframes and subsequent installation of installation subframes and mounting frames (300 g bag)	2	32.-
ZUB 0319	Connecting plates for installation subframe RR	6	35.-
ZUB 0320	FR90 brackets for installation subframe RR	8	35.-
ZUB 0321	FR90 brackets and FR90 angle brackets for installation subframe RE	8 / 4	35.-
ZUB 0322	Connecting plates for installation subframe RE up to DN140	6	35.-
ZUB 0323	Washers, circular and rectangular, for mounting frame AE	8 / 8	35.-
ZUB 0324	Insulation felt seal for mounting frame AE up to DN200	2	35.-
ZUB 0325	Insulation felt seal for mounting frame AE from DN224 to DN315	4	52.-
ZUB 0326	Insulation felt seal for mounting frame AE from DN355	6	71.-
ZUB 0327	Insulation felt for metal covering of the mounting frame AE from DN355	12	35.-
ZUB 0328	ER6 installation accessories (threaded rods, dowels, washers etc.)	1	211.-
ZUB 0330	Connecting plates for installation subframe RE from DN160	6	35.-
ZUB 0332	RV fastening brackets, connecting plates for mounting frame RV up to DN140	12	35.-
ZUB 0333	RV fastening brackets, connecting plates for mounting frame RV from DN160 to DN315	12	35.-
ZUB 0334	RV fastening brackets, connecting plates for mounting frame RV from DN355	12	35.-
ZUB 0345	RH fastening kit for installation subframe RH up to DN315 (comprising RH brackets, FR90 brackets and RH angle brackets)	4 / 8 / 8	32.-
ZUB 0346	RH fastening kit for installation subframe RH from DN355 (comprising RH brackets, FR90 brackets and RH angle brackets)	8 / 16 / 8	39.-
ZUB 0353	FR90 corner bracket (comprising angle brackets for corner connections and angle brackets for ceiling installation)	4 / 2	65.-
ZUB 0390	Blind caps for thermal-mechanical release mechanism	20	35.-
ZUB 0392	Rubber stoppers for inspection opening and link feedthrough	7 / 7	35.-

Lip seals

Discount group E

Ordering data	Description	PU	Price
ZUBR LD01 10	Pack, lip seal DN100	4	41.-
ZUBR LD01 12	Pack, lip seal DN125	4	41.-
ZUBR LD01 14	Pack, lip seal DN140	4	41.-
ZUBR LD01 16	Pack, lip seal DN160	4	41.-
ZUBR LD01 18	Pack, lip seal DN180	4	41.-
ZUBR LD01 20	Pack, lip seal DN200	4	41.-
ZUBR LD01 22	Pack, lip seal DN224	4	41.-
ZUBR LD01 25	Pack, lip seal DN250	4	41.-
ZUBR LD01 28	Pack, lip seal DN280	4	41.-
ZUBR LD01 31	Pack, lip seal DN315	4	41.-
ZUBR LD01 35	Pack, lip seal DN355	4	41.-
ZUBR LD01 40	Pack, lip seal DN400	4	41.-
ZUBR LD01 45	Pack, lip seal DN450	4	41.-
ZUBR LD01 50	Pack, lip seal DN500	4	41.-
ZUBR LD01 56	Pack, lip seal DN560	4	41.-
ZUBR LD01 63	Pack, lip seal DN630	4	41.-
ZUBR LD01 71	Pack, lip seal DN710	4	49.-
ZUBR LD01 80	Pack, lip seal DN800	4	66.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

Loose damper blades

Discount group E

Ordering data: FR92 - LK - nominal size

DN size	LK
100	58.-
125	60.-
140	66.-
160	66.-
180	67.-
200	67.-
224	128.-
250	130.-
280	134.-
315	140.-
355	144.-
400	152.-
450	160.-
500	170.-
560	203.-
630	236.-
710	280.-
800	333.-

3.1.10 FR90 fire damper (series FR92K) - date of manufacture from 2017-10

with declaration of performance according to EN 15650

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0136	Pipe fusible link 70°	2	32.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0137	Limit switch	1	16.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.11 FR90 fire damper - date of manufacture 1996-06 to 2007-12

with test certificate/approval: PA-X 129, Z-41.3-352

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0183	Fusible link 70°	2	35.-
ZUB 0184	Fusible link 70° with corrosion protection coat	1	39.-
ZUB 0152	Thermal release element 70°	1	125.-
ZUB 0154	Thermal release element 70°, motorised version	1	125.-
ZUB 0159	ST1.72N thermal-electrical release 72°C	1	81.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0415	Limit switch E	1	35.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0238	Motor BF 230-T-ST WI (B7622.002.230-00, -02 or -03), spring return actuator 230 V AC, with external sensor, with duct sensor	1	656.-
ZUB 0240	Motor BF 24-T-ST WI (B7622.002.024-00 or -02), spring return actuator 24 V AC/DC, with external sensor, with duct sensor	1	656.-
ZUB 0245	Motor SFR 1.90T SLC/12-WI, spring return actuator 24 V SLC, with duct sensor, only suitable for SLC BUS control	1	659.-
ZUB 0358	Fusible link switch for motorised version	1	152.-
ZUB 0253	Motor SFR 1.90T/12/T-WI, spring return actuator 24 V AC/DC, with duct sensor	1	798.-
ZUB 0254	Motor SFR 2.90T/12/T-WI, spring return actuator 230 V AC, with duct sensor	1	798.-

Operation unit

Discount group E

Ordering data	Description	PU	Price
ZUB 0144	Operation unit thermal 70°C	1	177.-
ZUB 0294	Operation unit M24/BL70L with spring return actuator 24 V AC/DC, with hard-wired thermal fuse protection (BAT72) 72°C	1	753.-
ZUB 0295	Operation unit M220/BL70L with spring return actuator 230 V AC, with hard-wired thermal fuse protection (BAT72) 72°C	1	753.-

3.1.12 FR90K fire damper - date of manufacture 1995-08 to 2009-10

with test certificate/approval: Z-41.3-303

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0186	Fusible link 70°	2	37.-
ZUB 0187	Fusible link 70° with corrosion protection coat	1	35.-
ZUB 0161	Duct sensor ZBAE 72/6 for release element BAE 72/6, sensor length 65 mm	1	92.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0423	Limit switch	1	35.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.13 FR90K-WF fire damper - date of manufacture 2000-04 to 2007-03

with test certificate/approval: Z-41.3-620

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0161	Duct sensor ZBAE 72/6 for release element BAE 72/6, sensor length 65 mm	1	92.-
ZUB 0158	Duct sensor ZBAE 72/9 for release element BAE 72/9, sensor length 90 mm	1	92.-

3.1.14 FR90F fire damper - date of manufacture 1999-09 to 2017-09

with test certificate/approval: Z-41.3-611

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0186	Fusible link 70°	2	37.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0422	Limit switch	1	35.-

3.1.15 FK90 fire damper (series FK90 kitchen), date of manufacture from 2010-10

with test certificate/approval: Z-41.3-670

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0179	Duct sensor for release mechanism AE-01	1	81.-
ZUB 0408	AE-01 release mechanism	1	136.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0428	Limit switch with AMP plug connector	1	73.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0410	FKKUE-02 control unit, date of manufacture from 02/2015	1	1057.-
ZUB 0433	FKKUE-03 control unit	1	1057.-
ZUB 0402	Manual actuator V1 with plug connector, width from 650 mm	1	1735.-
ZUB 0403	Manual actuator V2 with plug connector, width up to 600 mm	1	1735.-
ZUB 0404	Motorised actuator M1 with plug connector, width from 650 mm	1	1694.-
ZUB 0405	Motorised actuator M2 with plug connector, width up to 600 mm	1	1694.-
ZUB 0409	ZB-02 remote control unit	1	400.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.16 FKU30 fire damper (series FKU31) - date of manufacture from 2015-10

with test certificate/approval: Z-41.3-304 / Z-41.3-714

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0196	Pipe fusible link 70°	2	32,-
ZUB 0197	Pipe fusible link 70° corro.	1	32,-
ZUB 0574	Duct sensor 70° with plug connector, button and adapter plate	1	81,-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0424	Limit switch for FKU31 manuf. up to 05/2017	1	35,-
ZUB 0417	Limit switch for FKU31 manuf. from 06/2017	1	28,-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0289	Motor M220-9 (B7622.020.230-00, -01 or -02), spring return actuator 230 V AC, with duct sensor 70°C	1	416,-
ZUB 0290	Motor M24-9 (B7622.020.024-00, -01 or -02), spring return actuator 24 V AC/DC, with duct sensor 70°C	1	416,-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0312	Extended central fastening	1	35,-

3.1.17 FKU30 fire damper - date of manufacture 1996-06 to 2015-09

with test certificate/approval: Z-41.3-304 / Z-41.3-714

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0183	Fusible link 70°	2	35,-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0424	Limit switch	1	35,-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0312	Extended central fastening	1	35,-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire dampers

3.1.18 FKU90 fire damper (series FKU91) - date of manufacture from 2021-10

with test certificate/approval: Z-41.3-714

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0196	Pipe fusible link 70°	2	32.-
ZUB 0197	Pipe fusible link 70° corro.	1	32.-
ZUB 0574	Duct sensor 70° with plug connector, button and adapter plate	1	81.-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0417	Limit switch for FKU91	1	28.-

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0289	Motor M220-9 (B7622.020.230-00, -01 or -02), spring return actuator 230 V AC, with duct sensor 70°C	1	416.-
ZUB 0290	Motor M24-9 (B7622.020.024-00, -01 or -02), spring return actuator 24 V AC/DC, with duct sensor 70°C	1	416.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0312	Extended central fastening	1	35.-
ZUB 0517	Release element 70°C outside the casing inside the suspended ceiling	1	102.-

3.1.19 FKU90 fire damper - date of manufacture from 1989-09

with test certificate/approval: Z-41.3-356

Fusible links and release elements

Discount group E

Ordering data	Description	PU	Price
ZUB 0183	Fusible link 70°	2	35.-
ZUB 0160	Electromagnetic release element GU24	1	391.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0315	Traverse with central fastening, nominal size 300	1	41.-
ZUB 0316	Traverse with central fastening, nominal size 400	1	50.-
ZUB 0317	Traverse with central fastening, nominal size 500	1	58.-
ZUB 0318	Traverse with central fastening, nominal size 600	1	70.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Fire protection valves

3.2 Fire protection valves

3.2.1 BV90 fire protection valve (series BV92) - date of manufacture from 2020-06

with declaration of performance according to EN 15650

Fusible links

Discount group E

Ordering data	Description	PU	Price
ZUB 0192	Fusible link cap 70°	1	37,-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0437	Limit switch	1	49,-

3.2.2 BV90 fire protection valve (series BV91) - date of manufacture 2005-06 to 2020-05

with test certificate/approval: Z-41.3-639, from 07/2013 with declaration of performance according to EN 15650

Fusible links

Discount group E

Ordering data	Description	PU	Price
ZUB 0192	Fusible link cap 70°	1	37,-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0437	Limit switch	1	49,-

3.2.3 BV90 fire protection valve - date of manufacture 2003-03 to 2005-06

with test certificate/approval: Z-41.3-639

Fusible links

Discount group E

Ordering data	Description	PU	Price
ZUB 0192	Fusible link cap 70°	1	37,-

Limit switch

Discount group E

Ordering data	Description	PU	Price
ZUB 0420	Limit switch with tappet	1	92,-

3.2.4 BV90 fire protection valve - date of manufacture 1994-05 to 2003-03

with test certificate/approval: PA-X 245, Z-41.3-307

Fusible links

Discount group E

Ordering data	Description	PU	Price
ZUB 0188	Fusible link 70° with adjusting bracket	1	49,-

3.2.5 BV18S fire protection valve - date of manufacture 1995-08 to 2010-08

with test certificate/approval: Z-41.3-300

Fusible links

Discount group E

Ordering data	Description	PU	Price
ZUB 0189	Fusible link cap 90°	1	37,-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Smoke extraction and smoke protection

3.3 Smoke extraction and smoke protection

3.3.1 EK90 smoke control damper (series EK92) - date of manufacture from 2015-06

with declaration of performance according to DIN EN 12101-8

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0138	Motor cover for $H \leq 450$ mm (date of manufacture until calendar week 28 in 2023) and for $H \leq 600$ mm (date of manufacture until calendar week 29 in 2023)	1	59.-
ZUB 0139	Motor cover for $H > 450$ mm (date of manufacture until calendar week 28 in 2023) and for $H > 600$ mm (date of manufacture until calendar week 29 in 2023)	1	68.-
ZUB 0274	Motor B7622.024.024-01 or -02, actuator 24 V AC/DC, for $H \leq 450$ mm	1	361.-
ZUB 0275	Motor B7622.024.230-00 or -01, actuator 230 V AC, for $H \leq 450$ mm	1	421.-
ZUB 0559	Motor B7622.040.230-00, actuator 230 V AC, for heights $H \leq 600$ mm (date of manufacture from calendar week 29 in 2023)	1	470.-
ZUB 0560	Motor B7622.040.024-00, actuator 24 V AC/DC, for heights $H \leq 600$ mm (date of manufacture from calendar week 29 in 2023)	1	433.-
ZUB 0561	Motor B7622.040.124-00, actuator 24 V AC/DC, continuously variable, for heights $H \leq 600$ mm (date of manufacture from calendar week 29 in 2023)	1	619.-
ZUB 0565	Motor B7622.023.230-00 or -01, actuator 230 V AC, for heights $H > 450$ mm or special design EA (date of manufacture until calendar week 28 in 2023) and for heights $H > 600$ mm or special design EA (date of manufacture from calendar week 29 in 2023)	1	675.-
ZUB 0566	Motor B7622.023.024-01 or -02, actuator 24 V AC/DC, for heights $H > 450$ mm or special design EA (date of manufacture until calendar week 28 in 2023) and for heights $H > 600$ mm or special design EA (date of manufacture from calendar week 29 in 2023)	1	529.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0348	Shear protection brackets A	6	32.-
ZUB 0349	Shear protection brackets B, including 3 x 300 g bags of adhesive paste	2	32.-
ZUB 0350	Stopper seal for width ≤ 400 mm, including a 300 g bag of adhesive paste	1	50.-
ZUB 0351	Stopper seal for width > 400 mm, including a 300 g bag of adhesive paste	1	66.-

3.3.2 EK90 smoke control damper with ventilation mode - date of manufacture 2005-11 to 2014-10

with test certificate/approval: Z-78.2-104

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0365	Motor cover	1	56.-
ZUB 0261	Motor SER 1.90SLC/14, reversing motor 24 V SLC AKO, only suitable for SLC BUS control	1	2015.-
ZUB 0271	Rechargeable battery for reversing motor SLC AKO 24 V	1	193.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0366	Inspection cover, for widths from 318 mm	1	54.-
ZUB 0367	Inspection cover, for widths up to 252 mm	1	54.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Smoke extraction and smoke protection

3.3.3 EK90 smoke control damper without ventilation mode - date of manufacture 1998-10 to 2014-10

with test certificate/approval: Z-78.2-7

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0248	Motor SER 1.90/14-WI, reversing motor 24 V AC/DC	1	481.-
ZUB 0249	Motor SER 2.90/14-WI, reversing motor 230 V AC	1	529.-
ZUB 0250	Motor SER 1.90SLC/14-WI, reversing motor 24V SLC, only suitable for SLC BUS control	1	709.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0366	Inspection cover, for widths from 318 mm	1	54.-
ZUB 0367	Inspection cover, for widths up to 252 mm	1	54.-

3.3.4 EKM90 smoke control damper - date of manufacture from 2023-11

with declaration of performance according to EN 12101-8

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0562	Motor B7622.041.230-00, actuator 230 V AC, for heights H = 200 mm	1	411.-
ZUB 0563	Motor B7622.041.024-00, actuator 24 V AC/DC, for heights H = 200 mm	1	379.-
ZUB 0564	Motor B7622.041.124-00, actuator 24 V AC/DC, continuously variable, for heights H = 400 mm	1	550.-
ZUB 0559	Motor B7622.040.230-00, actuator 230 V AC, for heights H = 400 mm or 600 mm	1	470.-
ZUB 0560	Motor B7622.040.024-00, actuator 24 V AC/DC, for heights H = 400 mm or 600 mm	1	433.-
ZUB 0561	Motor B7622.040.124-00, actuator 24 V AC/DC, continuously variable, for heights H = 400 mm or 600 mm	1	619.-
ZUB 0565	Motor B7622.023.230-00 or -01, actuator 230 V AC, for heights H ≥ 800 mm	1	675.-
ZUB 0566	Motor B7622.023.024-01 or -02, actuator 24 V AC/DC, for heights H ≥ 800 mm	1	529.-

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0553	Connecting seal (pack of 5 pieces of isofelt seals, 1250 x 40 x 6 mm (l x w x h), including 1 bag of adhesive paste, 300 g)	1	49.-
ZUB 0554	Additional casing for EKM90 with height H ≥ 800 mm, consisting of intermediate plate and base plate	1	66.-
ZUB 0555	Wall anchor	6	23.-
ZUB 0556	Handle for actuator box cover, length L = 187 mm (including 2 screws for fastening)	1	23.-
ZUB 0557	Handle for actuator box cover, length L = 254 mm (including 2 screws for fastening)	1	28.-
ZUB 0558	Support bearings (pack of 2 pieces, including 8 screws for fastening)	1	11.-

3.3.5 JR smoke protection damper - date of manufacture from 2000-08

with test certificate/approval: Z-78.4-40

Actuators and accessories

Discount group E

Ordering data	Description	PU	Price
ZUB 0241	Motor BF 230, spring return actuator 230 V AC	1	482.-
ZUB 0242	Motor BF 24, spring return actuator 24 V AC/DC	1	482.-

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Smoke detectors

3.4 Smoke detectors

3.4.1 RL4 smoke detector for ventilation ducts - date of manufacture from 2022-01

with VdS approval (G 221008)

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0470	PU protective sieves	20	32.-
ZUB 0471	Optical smoke switch RM4	1	242.-
ZUB 0472	R/K installation socket	2	32.-
ZUB 0473	Flow insert	4	39.-
ZUB 0474	Flow insert with flow sensor	1	88.-

i It is recommended to replace the smoke switch after an operating period of 8 years.

3.4.2 OR4 smoke detector - date of manufacture from 2022-01

with VdS approval (G 221008)/DIBt (German Institute for Construction Engineering) approval: Z-78.6-250

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0470	PU protective sieves	20	32.-
ZUB 0471	Optical smoke switch RM4	1	242.-
ZUB 0472	R/K installation socket	2	32.-
ZUB 0473	Flow insert	4	39.-
ZUB 0474	Flow insert with flow sensor	1	88.-

i It is recommended to replace the smoke switch after an operating period of 8 years.

3.4.3 OR31 smoke detector - date of manufacture from 2006-12

with test certificate/approval: Z-78.6-123

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0382	Optical scattered light detector	1	381.-
ZUB 0383	Differential pressure sensor	1	48.-
ZUB 0384	Base circuit board	1	271.-
ZUB 0385	MC circuit board	1	90.-
ZUB 0386	Relay circuit board	1	161.-

i It is recommended to replace the optical scattered light detector after an operating period of 8 years.

3.4.4 OR32 (FK) / OR32 (FR) smoke detector - date of manufacture from 2011-09

with test certificate/approval: Z-78.6-123

Miscellaneous

Discount group E

Ordering data	Description	PU	Price
ZUB 0382	Optical scattered light detector	1	381.-
ZUB 0384	Base circuit board	1	271.-
ZUB 0385	MC circuit board	1	90.-
ZUB 0386	Relay circuit board	1	161.-

i It is recommended to replace the optical scattered light detector after an operating period of 8 years.

PRICE LIST FOR INDIVIDUAL PARTS AND SPARE PARTS 2027

Control systems

4.1 Control systems

4.1.1 KS2 compact controller

Accessories		Discount group E	
Ordering data	Description	PU	Price
ZUB 0547	KS2-CON-02 module connector	1	27,-

Control systems

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Always there for you

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