



# System FURADO-A

## DESCRIPTION

Shaft system consisting of calcium silicate fire protection panels with Jeremias liners EW-KL, EW-ALBI, EW-PPS or EW-PP-FLEX, depending on the exhaust gas temperature with 25 mm insulating shells. Possible execution over the roof with shaft and cladding.

### Alternative

Assembly shaft for installing CE-certified liners

## MATERIAL

Calcium silicate fire protection panels

## WALL THICKNESS

Standard: 60 mm (Exhaust temp.  $\leq 600^{\circ}\text{C}$ )

Optional: 50 mm (Exhaust temp.  $\leq 400^{\circ}\text{C}$ )

## INTERIOR SHAFT DIMENSIONS

140 x 140 mm to 330 x 330 mm

Others on request

## INSULATION

up to  $160^{\circ}\text{C}$  exhaust gas temperature without insulation

from  $160^{\circ}\text{C}$  exhaust gas temperature min. 25 mm insulation shells

## ANGULAR GAP

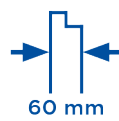
up to  $160^{\circ}\text{C}$  at least 20 mm between the inner pipe and the inside of the shaft

from  $160^{\circ}\text{C}$  at least 20 mm between the insulation and the inside of the shaft

## ORDER CODE

The article code for your order results from:

LS + internal dimensions + article code (e.g.: LS60140x140-17)



## CHARACTERISTICS

- Extremely good insulation properties
- Easy to handle and assemble due to low weight
- Secure connection technology with tongue and groove joints
- Various liner solutions and shaft cladding meet all requirements
- Minimum clearance to flammable components
- 25 m installation height of the shaft without intermediate support
- Static set for installation heights up to 3 m above roof

## APPLICATION AREAS

- Standard fireplaces for oil and gas
- New construction and renovation
- Condensing boilers
- CHP and combustion engines
- Gas-powered heat pumps
- Fuel cells

## LICENSE NUMBER

Z - 7.4 - 3478 / Z - 7.4 - 3483

Z - 7.4 - 3482

## CE MARK NUMBER

0036 CPR 9174 074

0036 CPR 9174 075

## CE CLASSIFICATIONS ACC. TO DIN EN 14471

EW-PP-FLEX DN60-110

T120 - H1 - W2 - O00 - LI - E - UO

EW-PP-FLEX > DN110-160

T120 - P1 - W2 - O00 - LI - E - UO

EW-PPS < DN200

T120 - H1 - W2 - O20 - LI - E - U

EW-PPS  $\geq$  DN200

T120 - P1 - W2 - O20 - LI - E - U

## CLASSIFICATIONS TO DIN V 18160-1

T160 - N1 / P1 / H1 - W - 2 - O00 - L<sub>A</sub>90<sup>1</sup> bzw. L<sub>A</sub>30<sup>2</sup>

T200 - N1 / P1 / H1 - W - 2 - O00 - L<sub>A</sub>90<sup>23</sup>

T400 - N1 / P1 / H1 - W - 2 - O50 - L<sub>A</sub>90<sup>23</sup>

T600 - N1 / P1 / H1 - W - 2 - O50 - L<sub>A</sub>90<sup>13</sup>

## CLASSIFICATIONS TO DIN EN 1856-1

T120 - P1 - W - V2 - L50050 - O00 (L<sub>A</sub>90 / L<sub>A</sub>30)

T160 - N1 / P1 / H1 - W - V2 - L50050 - O00 (L<sub>A</sub>90<sup>1</sup> / L<sub>A</sub>30<sup>2</sup>)

T200 - N1 / P1 / H1 - W - V2 - L50050 - O00<sup>3</sup> (L<sub>A</sub>90<sup>2</sup>)

T400 - N1 / P1 / H1 - W - V2 - L50050 - Oxx<sup>3</sup> (L<sub>A</sub>90<sup>2</sup>)

T600 - N1 / P1 / H1 - W - V2 - L50050 - Oxx<sup>3</sup> (L<sub>A</sub>90<sup>1</sup>)

<sup>1</sup> 60 mm shaft    <sup>2</sup> 50 mm shaft    <sup>3</sup> with 25 mm insulation

An annular gap of at least 20 mm is required

xx= The distances to combustible components depend on the  $\emptyset$ , see Declaration of performance

Please see our application note on [www.jeremias-group.com](http://www.jeremias-group.com)

## System variant with shaft above roof, dependent / independent of room air

Inner pipe  
Nominal diameter up to

Shaft dimensions in mm	outside		inside		Stainless steel		PPS	
	outside	inside	outside	inside	Stainless steel	PPS	Stainless steel	PPS
	260 x 260	140 x 140			Ø 080	Ø 060/080		
	280 x 280	160 x 160			Ø 100	Ø 100		
	310 x 310	190 x 190			Ø 130	Ø 110/125		
	330 x 330	210 x 210			Ø 150	-		
	350 x 350	230 x 230			Ø 160	Ø 160		
	360 x 360	240 x 240			Ø 180	-		
	380 x 380	260 x 260			Ø 200	Ø 200		
	410 x 410	290 x 290			Ø 225	-		
	430 x 430	310 x 310			Ø 250	Ø 250		

## System variant with terminal above the roof independent of room air

Inner pipe  
Nominal diameter up to bis

Outer pipe  
Nominal diameter up to

Shaft dimensions in mm	outside		inside		Stainless steel		PPS		DW-ECO 2.0*	
	outside	inside	outside	inside	Stainless steel	PPS	Stainless steel	PPS	Stainless steel	PPS
	260 x 260	140 x 140			Ø 080	Ø 060/080			Ø 130	
	280 x 280	160 x 160			Ø 100	Ø 100			Ø 150	
	310 x 310	190 x 190			Ø 130	Ø 110/125			Ø 180	
	330 x 330	210 x 210			Ø 150	-			Ø 200	
	350 x 350	230 x 230			Ø 160	Ø 160			Ø 210	
	360 x 360	240 x 240			Ø 180	-			Ø 230	
	380 x 380	260 x 260			Ø 200	Ø 200			Ø 250	
	430 x 430	310 x 310			Ø 250	Ø 250			Ø 300	

\*Bauteile siehe Seite 248

## System variant with terminal above roof, room air dependent

Inner pipe  
Nominal diameter up to

Outer pipe  
Nominal diameter up to

Shaft dimensions in mm	outside		inside		Stainless steel		PPS		DW-FU*	
	outside	inside	outside	inside	Stainless steel	PPS	Stainless steel	PPS	Stainless steel	PPS
	280 x 280	160 x 160			Ø 080	Ø 060/080			Ø 145	
	310 x 310	190 x 190			Ø 100	Ø 100/110			Ø 165	
	330 x 330	210 x 210			Ø 115	Ø 125			Ø 180	
	330 x 330	210 x 210			Ø 130	-			Ø 195	
	350 x 350	230 x 230			Ø 150	-			Ø 215	
	360 x 360	240 x 240			Ø 160	Ø 160			Ø 225	
	380 x 380	260 x 260			Ø 180	-			Ø 245	
	410 x 410	290 x 290			Ø 200	Ø 200			Ø 265	
	430 x 430	310 x 310			Ø 225	-			Ø 290	
	450 x 450	330 x 330			Ø 250	Ø 250			Ø 315	

\*Bauteile siehe Seite 249



# System FURADO-A SHAFT ELEMENTS



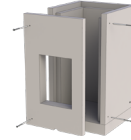
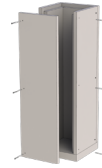
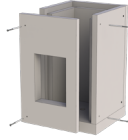
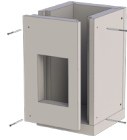
Glue tube 1000g

Base element 500mm for condensate collector with cutout for inspection door

Base support with square opening for cleaning door and holes for condensate drain at bottom (for LS60...x...1250)

Base length 1000mm loose or screwed together incl. ground plate

Base length 500mm with opening for cleaning door and holes for side condensate drain



LS69-1	Size inside	LS60...X...-1250	Size inside	LS60...X...-1500	Size inside	LS60...X...-04	Size inside	LS60...X...-05
13,00 €	190x190	211,00 €	190x190	211,00 €	140x140	310,00 €	190x190	211,00 €
	210x210	222,00 €	210x210	222,00 €	160x160	329,00 €	210x210	222,00 €
	230x230	235,00 €	230x230	235,00 €	190x190	359,00 €	230x230	234,00 €
	240x240	241,00 €	240x240	241,00 €	210x210	380,00 €	240x240	240,00 €
	260x260	252,00 €	260x260	252,00 €	230x230	401,00 €	260x260	251,00 €
	290x290	271,00 €	290x290	271,00 €	240x240	411,00 €	290x290	271,00 €
	310x310	283,00 €	310x310	283,00 €	260x260	433,00 €	310x310	282,00 €
	330x330	295,00 €	330x330	295,00 €	290x290	464,00 €	330x330	295,00 €
					310x310	486,00 €		
					330x330	506,00 €		

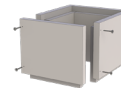
Base plate

Shaft element 1000mm loose/screwed

Shaft element 500mm loose/ screwed

Shaft element 250mm loose/ screwed

Shaft element 1000mm



Size inside	LS60...X...-1658	Size inside	LS60...X...-130	Size inside	LS60...X...-140	Size inside	LS60...X...-150	Size inside	LS60...X...-13
140x140	28,00 €	140x140	263,00 €	140x140	148,00 €	140x140	95,00 €	140x140	263,00 €
160x160	34,00 €	160x160	278,00 €	160x160	156,00 €	160x160	99,00 €	160x160	278,00 €
190x190	35,00 €	190x190	303,00 €	190x190	167,00 €	190x190	105,00 €	190x190	303,00 €
210x210	37,00 €	210x210	319,00 €	210x210	175,00 €	210x210	111,00 €	210x210	319,00 €
230x230	41,00 €	230x230	336,00 €	230x230	184,00 €	230x230	115,00 €	230x230	336,00 €
240x240	42,00 €	240x240	344,00 €	240x240	188,00 €	240x240	118,00 €	240x240	344,00 €
260x260	45,00 €	260x260	360,00 €	260x260	196,00 €	260x260	121,00 €	260x260	360,00 €
290x290	50,00 €	290x290	385,00 €	290x290	209,00 €	290x290	128,00 €	290x290	385,00 €
310x310	53,00 €	310x310	402,00 €	310x310	217,00 €	310x310	133,00 €	310x310	402,00 €
330x330	57,00 €	330x330	418,00 €	330x330	225,00 €	330x330	137,00 €	330x330	418,00 €

Shaft element 500mm



Shaft element 250mm



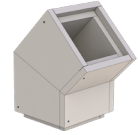
Elbow 15°



Elbow 30°

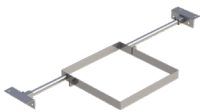


Elbow 45°

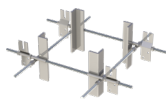


Size inside	LS60...X...-14	Size inside	LS60...X...-15	Size inside	LS60...X...-17	Size inside	LS60...X...-18	Size inside	LS60...X...-19
140x140	148,00 €	140x140	95,00 €	140x140	219,00 €	140x140	219,00 €	140x140	219,00 €
160x160	156,00 €	160x160	99,00 €	160x160	230,00 €	160x160	230,00 €	160x160	230,00 €
190x190	167,00 €	190x190	105,00 €	190x190	248,00 €	190x190	248,00 €	190x190	248,00 €
210x210	175,00 €	210x210	111,00 €	210x210	260,00 €	210x210	260,00 €	210x210	260,00 €
230x230	184,00 €	230x230	115,00 €	230x230	272,00 €	230x230	272,00 €	230x230	272,00 €
240x240	188,00 €	240x240	118,00 €	240x240	278,00 €	240x240	278,00 €	240x240	278,00 €
260x260	196,00 €	260x260	121,00 €	260x260	290,00 €	260x260	290,00 €	260x260	290,00 €
290x290	209,00 €	290x290	128,00 €	290x290	309,00 €	290x290	309,00 €	290x290	309,00 €
310x310	217,00 €	310x310	133,00 €	310x310	320,00 €	310x310	320,00 €	310x310	320,00 €
330x330	225,00 €	330x330	137,00 €	330x330	332,00 €	330x330	332,00 €	330x330	332,00 €

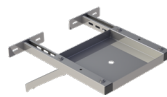
Light rafter bracket suitable for shaft



Universal rafter bracket for shaft



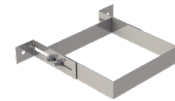
Bracket 500mm incl. base plate, maximum load 190 kg



Wall bracket for shaft



Wall bracket 0-100mm



Size inside	LS60...X...-55	LS1518	Size inside	LS60...X...-132	Size inside	LS60...X...-21	Size inside	LS60...X...-822
140x140	228,00 €	266,00 €	140x140	201,00 €	140x140	37,00 €	140x140	42,00 €
160x160	241,00 €		160x160	205,00 €	160x160	38,00 €	160x160	43,00 €
190x190	249,00 €		190x190	216,00 €	190x190	38,00 €	190x190	43,00 €
210x210	253,00 €		210x210	221,00 €	210x210	40,00 €	210x210	44,00 €
230x230	286,00 €		230x230	228,00 €	230x230	42,00 €	230x230	45,00 €
240x240	301,00 €		240x240	230,00 €	240x240	42,00 €	240x240	48,00 €
260x260	309,00 €		260x260	244,00 €	260x260	44,00 €	260x260	50,00 €
290x290	363,00 €		290x290	249,00 €	290x290	45,00 €	290x290	52,00 €
310x310	394,00 €		310x310	256,00 €	310x310	48,00 €	310x310	55,00 €
330x330	414,00 €		330x330	268,00 €	330x330	52,00 €	330x330	60,00 €



# System FURADO-A SHAFT ELEMENTS



Metal frame for shaft 4m with 5 brackets, max. overhang 2m

Metal frame for shaft 6m with 7 brackets, max. overhang 3m

Support plate with rear ventilation suitable for shaft or DW-ECO 2.0 above roof

Storm collar



Size inside LS60...X...-4-1502		Size inside LS60...X...-6-1502		LS601716Ø		FU72Ø	
140x140	518,00 €	140x140	600,00 €	080	51,00 €	080	36,00 €
160x160	527,00 €	160x160	609,00 €	100	52,00 €	100	37,00 €
190x190	529,00 €	190x190	611,00 €	115	57,00 €	115	40,00 €
210x210	542,00 €	210x210	620,00 €	120	56,00 €	120	41,00 €
230x230	558,00 €	230x230	635,00 €	130	61,00 €	130	42,00 €
240x240	566,00 €	240x240	640,00 €	140	73,00 €	140	43,00 €
260x260	590,00 €	260x260	671,00 €	150	81,00 €	150	44,00 €
290x290	616,00 €	290x290	677,00 €	160	88,00 €	160	45,00 €
310x310	620,00 €	310x310	685,00 €	180	89,00 €	180	51,00 €
330x330	626,00 €	330x330	743,00 €	200	96,00 €	200	52,00 €
				225	161,00 €	225	55,00 €
				250	163,00 €	250	56,00 €
				300	166,00 €	300	57,00 €



# System FURADO-A EW-ALBI



Elbow 87° with support

Inspection length with round opening (up to 200°C/ P1)

Stainless steel chimney door 210x140mm with adj. nozzle and 60mm straight insert, incl. door key

Stainless steel chimney door with ventilation grid 210x140mm and insert 60mm

Mounting bracket

Length 1000mm

Length 500mm



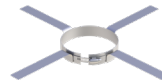
\*1



\*2



\*2



ALBI06...06Ø		ALBI06...30Ø		FU0960	FU5160	FU40Ø	ALBI06...02Ø		ALBI06...03Ø		
A 080	146,00 €	A 080	173,00 €	81,00 €	115,00 €	080	27,00 €	A 080	92,00 €	A 080	62,00 €
A 100	151,00 €	A 100	188,00 €			100	30,00 €	A 100	97,00 €	A 100	72,00 €
A 115	156,00 €	A 115	198,00 €			115	32,00 €	A 115	102,00 €	A 115	77,00 €
A 120	159,00 €	A 120	209,00 €			120	33,00 €	A 120	103,00 €	A 120	78,00 €
A 130	167,00 €	A 130	221,00 €			130	34,00 €	A 130	107,00 €	A 130	82,00 €
A 140	168,00 €	A 140	222,00 €			140	35,00 €	A 140	111,00 €	A 140	83,00 €
A 150	173,00 €	A 150	223,00 €			150	36,00 €	A 150	113,00 €	A 150	84,00 €
A 160	183,00 €	A 160	235,00 €			160	36,00 €	A 160	123,00 €	A 160	90,00 €
A 180	205,00 €	A 180	243,00 €			180	37,00 €	A 180	133,00 €	A 180	96,00 €
A 200	240,00 €	A 200	256,00 €			200	37,00 €	A 200	144,00 €	A 200	100,00 €
C 250	292,00 €	C 250	283,00 €			225	38,00 €	C 250	173,00 €	C 250	116,00 €
D 225	257,00 €	D 225	271,00 €			250	38,00 €	D 225	156,00 €	D 225	108,00 €

Length 250mm

Length 1000mm with 2 lowering loops

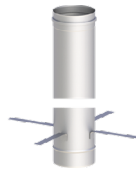
Length 1000mm double female socket

Length 1000mm with mounting bracket

Gasket silicone up to 200°C

Gasket EPDM 120°C

Silicone (up to 400°C)



ALBI06...04Ø		ALBI06...05Ø		ALBI06...2438Ø		ALBI06...70Ø		ALBI26Ø		ALBI367Ø		ALBI60
A 080	50,00 €	A 080	96,00 €	A 080	116,00 €	A 080	114,00 €	080	20,00 €	080	20,00 €	90,00 €
A 100	59,00 €	A 100	103,00 €	A 100	124,00 €	A 100	119,00 €	100	21,00 €	100	21,00 €	
A 115	62,00 €	A 115	106,00 €	A 115	128,00 €	A 115	121,00 €	115	22,00 €	115	22,00 €	
A 120	63,00 €	A 120	108,00 €	A 120	130,00 €	A 120	123,00 €	120	22,00 €	120	22,00 €	
A 130	67,00 €	A 130	112,00 €	A 130	137,00 €	A 130	128,00 €	130	25,00 €	130	25,00 €	
A 140	68,00 €	A 140	114,00 €	A 140	139,00 €	A 140	131,00 €	140	25,00 €	140	25,00 €	
A 150	69,00 €	A 150	119,00 €	A 150	144,00 €	A 150	132,00 €	150	25,00 €	150	25,00 €	
A 160	71,00 €	A 160	127,00 €	A 160	153,00 €	A 160	138,00 €	160	26,00 €	160	26,00 €	
A 180	77,00 €	A 180	137,00 €	A 180	164,00 €	A 180	151,00 €	180	27,00 €	180	27,00 €	
A 200	80,00 €	A 200	149,00 €	A 200	178,00 €	A 200	162,00 €	200	29,00 €	200	29,00 €	
C 250	90,00 €	C 250	177,00 €	C 250	209,00 €	C 250	192,00 €	225	30,00 €	250	32,00 €	
D 225	86,00 €	D 225	162,00 €	D 225	192,00 €	D 225	175,00 €	250	32,00 €			

- \*1 Can be flexibly extended downwards with length elements
- \*2 Extension of the sliding nozzle. Price per cm



# System FURADO-A EW-KL



Elbow 87° with support

Inspection length with round opening (up to 200°C/ P1)

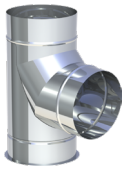
Inspection length with round door for wet operation (up to 250°C/H1)

Inspection length with round door for dry operation (up to 600°C/H1)

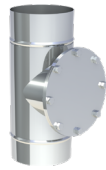
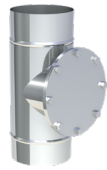
Stainless steel chimney door 210x140mm with adj. nozzle and 60mm straight insert, incl. door key

Stainless steel chimney door with ventilation grid 210x140mm and insert 60mm

Length 1000mm



\*1



\*2



\*2



KL06Ø		KL30Ø		KL30HTWØ		KL30HTDØ		FU0960		FU5160		KL0602Ø	
080	126,00 €	080	153,00 €	080	266,00 €	080	266,00 €		81,00 €		115,00 €	080	72,00 €
100	130,00 €	100	167,00 €	100	281,00 €	100	281,00 €					100	76,00 €
120	137,00 €	120	187,00 €	120	298,00 €	120	298,00 €					120	81,00 €
130	142,00 €	130	196,00 €	130	309,00 €	130	309,00 €					130	82,00 €
150	148,00 €	150	198,00 €	150	311,00 €	150	311,00 €					150	88,00 €
180	178,00 €	180	216,00 €	180	328,00 €	180	328,00 €					180	106,00 €
200	211,00 €	200	227,00 €	200	342,00 €	200	342,00 €					200	115,00 €
225	227,00 €	225	241,00 €	225	354,00 €	225	354,00 €					225	126,00 €
250	260,00 €	250	251,00 €	250	366,00 €	250	366,00 €					250	141,00 €

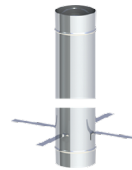
Length 500mm

Length 250mm

Length 200mm

Length 150mm

Length 1000mm with Mounting bracket mounting bracket



KL0603Ø		KL0604Ø		KL06223Ø		KL06224Ø		KL0670Ø		FU40Ø	
080	42,00 €	080	30,00 €	080	26,00 €	080	21,00 €	080	94,00 €	080	27,00 €
100	51,00 €	100	38,00 €	100	33,00 €	100	25,00 €	100	98,00 €	100	30,00 €
120	56,00 €	120	41,00 €	120	34,00 €	120	26,00 €	120	101,00 €	120	33,00 €
130	57,00 €	130	42,00 €	130	35,00 €	130	27,00 €	130	103,00 €	130	34,00 €
150	59,00 €	150	44,00 €	150	36,00 €	150	30,00 €	150	107,00 €	150	36,00 €
180	69,00 €	180	50,00 €	180	41,00 €	180	33,00 €	180	124,00 €	180	37,00 €
200	71,00 €	200	51,00 €	200	42,00 €	200	34,00 €	200	133,00 €	200	37,00 €
225	78,00 €	225	56,00 €	225	44,00 €	225	36,00 €	225	145,00 €	225	38,00 €
250	84,00 €	250	58,00 €	250	45,00 €	250	37,00 €	250	160,00 €	250	38,00 €



# System FURADO-A EW-PPS / EW-PP-FLEX



Base support for elbow 87° and 45°

Base support for elbow 87° and 45°, can be extended downwards with PP length

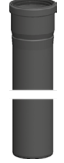
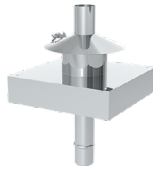
End cap with stainless steel outlet pipe and storm collar

Mounting bracket, 1 piece

Mounting bracket 4 units

Inspection length

Length 1000mm



PP17670		PP17680		PPLS603420		PPFLEX400		PPFLEX410		130-PP300		130-PP020	
060	67,00 €	060	55,00 €	060	125,00 €	125	25,00 €	060	33,00 €	060	25,00 €	060	16,00 €
080	78,00 €	080	59,00 €	080	130,00 €	160	26,00 €	080	46,00 €	080	31,00 €	080	25,00 €
100	88,00 €	100	65,00 €	100	148,00 €			100	47,00 €	100	41,00 €	100	31,00 €
110	95,00 €	110	71,00 €	110	151,00 €			110	50,00 €	110	55,00 €	110	42,00 €
125	119,00 €	125	92,00 €	125	161,00 €					125	96,00 €	125	59,00 €
160	133,00 €	160	97,00 €	160	176,00 €					160	130,00 €	160	79,00 €
200	168,00 €	200	124,00 €	200	227,00 €					200	137,00 €	200	113,00 €
250	210,00 €	250	148,00 €	250	260,00 €					250	290,00 €	250	205,00 €

Length 560mm

Length 315mm

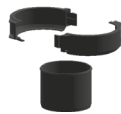
Assembly kit 1 (2x fixing clamp and 1x sleeve)

Flex liner 10m

Adaptor PP-FLEX for flex pipes

Stainless steel chimney door 210x140mm with with adj. nozzle and 60mm straight insert, incl. door key

Stainless steel chimney door with ventilation grid 210x140mm and insert 60mm



130-PP030		130-PP040		PPFLEX090		PPFLEX02/100		PPFLEX070		FU0960		FU5160	
060	14,00 €	060	13,00 €	060	14,00 €	060	233,00 €	060	59,00 €		81,00 €		115,00 €
080	17,00 €	080	15,00 €	080	16,00 €	080	302,00 €	080	90,00 €				
100	20,00 €	100	17,00 €	100	18,00 €	100	402,00 €	100	105,00 €				
110	26,00 €	110	21,00 €	110	21,00 €	110	443,00 €	110	106,00 €				
125	40,00 €	125	31,00 €	125	31,00 €	125	800,00 €	125	181,00 €				
160	53,00 €	160	46,00 €	160	36,00 €	160	1.116,00 €	160	212,00 €				
200	88,00 €	200	48,00 €										
250	137,00 €	250	101,00 €										

\*1 Can be flexibly extended downwards with length elements

\*2 Extension of the sliding nozzle. Price per cm





# System FURADO-A

## EW-PPS / EW-PP-FLEX



Elbow 15°

Elbow 30°

Elbow 45°

Elbow 87°

Elbow 87° with inspection door

Gasket for inner pipe

Lubricant tube 75 ml, chloride free



130-PP17Ø		130-PP18Ø		130-PP19Ø		130-PP22Ø		130-PP23Ø		130-PP26Ø		750GLEIOVT
060	17,00 €	060	14,00 €	060	14,00 €	060	15,00 €	060	25,00 €	060	9,00 €	14,00 €
080	21,00 €	080	17,00 €	080	17,00 €	080	20,00 €	080	31,00 €	080	14,00 €	
100	26,00 €	100	24,00 €	100	24,00 €	100	28,00 €	100	37,00 €	100	15,00 €	
110	37,00 €	110	37,00 €	110	37,00 €	110	40,00 €	110	91,00 €	110	16,00 €	
125	52,00 €	125	52,00 €	125	52,00 €	125	52,00 €	125	130,00 €	125	19,00 €	
160	96,00 €	160	95,00 €	160	95,00 €	160	95,00 €	160	147,00 €	160	24,00 €	
200	138,00 €	200	137,00 €	200	137,00 €	200	154,00 €	200	171,00 €	200	26,00 €	
250	207,00 €	250	205,00 €	250	222,00 €	250	290,00 €	250	325,00 €	250	31,00 €	

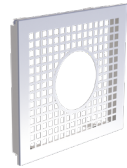
Safety temperature limiter 110°C

Adaptor l=250mm with 1/2" female socket for safety temperature limiter

Cover plate for rear ventilation RAL 9016

Storm collar for terminal PPLS60342

Terminal pipe 500mm, suitable for end terminal kit PPLS60342



PP423	130-PP423AØ		130-PP21Ø		PP72Ø		PP126Ø	
508,00 €	060	98,00 €	060	49,00 €	060	51,00 €	060	40,00 €
	080	101,00 €	080	64,00 €	080	52,00 €	080	42,00 €
	100	106,00 €	100	65,00 €	100	55,00 €	100	50,00 €
	110	110,00 €	110	75,00 €	110	56,00 €	110	52,00 €
	125	113,00 €	125	76,00 €	125	57,00 €	125	56,00 €
	160	116,00 €	160	82,00 €	160	59,00 €	160	63,00 €
	200	131,00 €	200	120,00 €	200	66,00 €	200	69,00 €
	250	192,00 €	250	143,00 €	250	67,00 €	250	84,00 €



# System FURADO-A

## ROOM AIR INDEPENDENT OVER ROOF



Anchor plate  
1000mm with adap-  
tor to DWA25

Length 1000mm

Length 500mm

Length 250mm

End cap with expan-  
sion up to 300mm

Shaft bracket

Flashing kit 5-15°  
lead base with storm  
collar



\*1



\*1



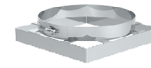
\*1



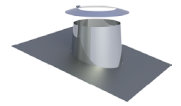
\*1



\*1



\*1



DWA25LS6091Ø		DWA2513Ø		DWA2514Ø		DWA2515Ø		DWA251755Ø		DWA25LS601766Ø		DWECO53Ø	
130	191,00 €	130	71,00 €	130	49,00 €	130	37,00 €	130	112,00 €	130	110,00 €	080	190,00 €
150	207,00 €	150	75,00 €	150	50,00 €	150	40,00 €	150	115,00 €	150	119,00 €	100	204,00 €
180	221,00 €	180	87,00 €	180	59,00 €	180	42,00 €	180	127,00 €	180	120,00 €	115	209,00 €
200	236,00 €	200	98,00 €	200	60,00 €	200	43,00 €	200	135,00 €	200	121,00 €	130	216,00 €
210	249,00 €	210	107,00 €	210	63,00 €	210	44,00 €	210	143,00 €	210	122,00 €	150	235,00 €
230	253,00 €	230	112,00 €	230	65,00 €	230	45,00 €	230	160,00 €	230	125,00 €	160	242,00 €
250	270,00 €	250	119,00 €	250	71,00 €	250	50,00 €	250	161,00 €	250	126,00 €	180	251,00 €
300	304,00 €	300	140,00 €	300	75,00 €	300	58,00 €	300	178,00 €	300	132,00 €	200	258,00 €
												250	290,00 €

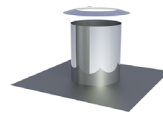
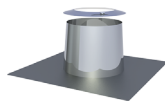
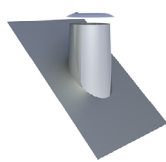
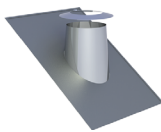
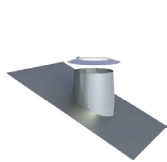
Flashing kit 16-25°  
lead base with storm  
collar

Flashing kit 26-35°  
lead base with storm  
collar, cone 150mm

Flashing kit 36-45°  
lead base with storm  
collar

Flat flashing conical  
with storm collar

Cylindrical flat flas-  
hing with storm collar



DWECO59Ø		DWECO38Ø		DWECO54Ø		DWECO52Ø		DWECO52ZYØ	
080	190,00 €	080	190,00 €	080	190,00 €	080	107,00 €	080	107,00 €
100	204,00 €	100	204,00 €	100	204,00 €	100	111,00 €	100	111,00 €
115	209,00 €	115	209,00 €	115	209,00 €	115	112,00 €	115	112,00 €
130	216,00 €	130	216,00 €	130	216,00 €	130	114,00 €	130	114,00 €
150	235,00 €	150	235,00 €	150	235,00 €	150	119,00 €	150	119,00 €
160	242,00 €	160	242,00 €	160	242,00 €	160	125,00 €	160	125,00 €
180	251,00 €	180	251,00 €	180	251,00 €	180	133,00 €	180	133,00 €
200	258,00 €	200	258,00 €	200	258,00 €	200	164,00 €	200	164,00 €
250	290,00 €	250	290,00 €	250	290,00 €	250	186,00 €	250	186,00 €

\*1 Please note measurement tables



# System FURADO-A

## ROOM AIR DEPENDENT OVER ROOF



Anchor plate  
1000mm with adap-  
tor for DWA

Length 1000mm

Length 500mm

Length 250mm

End cap with expan-  
sion compensation  
up to 300mm

Shaft bracket

Flashing kit 5-15°  
lead base with storm  
collar



\*1



\*1



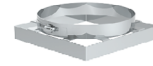
\*1



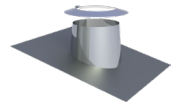
\*1



\*1



\*1



DWALS6091Ø		DWA13Ø		DWA14Ø		DWA15Ø		DWA1755Ø		DWALS601766Ø		DW53Ø	
145	210,00 €	145	86,00 €	145	58,00 €	145	42,00 €	145	119,00 €	145	110,00 €	080	190,00 €
165	236,00 €	165	102,00 €	165	66,00 €	165	49,00 €	165	127,00 €	165	119,00 €	100	204,00 €
180	239,00 €	180	106,00 €	180	67,00 €	180	50,00 €	180	132,00 €	180	120,00 €	115	209,00 €
195	247,00 €	195	111,00 €	195	69,00 €	195	51,00 €	195	140,00 €	195	121,00 €	130	216,00 €
215	264,00 €	215	122,00 €	215	72,00 €	215	52,00 €	215	147,00 €	215	122,00 €	150	235,00 €
225	265,00 €	225	128,00 €	225	75,00 €	225	55,00 €	225	166,00 €	225	124,00 €	160	242,00 €
245	287,00 €	245	135,00 €	245	81,00 €	245	58,00 €	245	170,00 €	245	125,00 €	180	251,00 €
265	305,00 €	265	148,00 €	265	84,00 €	265	63,00 €	265	175,00 €	265	126,00 €	200	258,00 €
290	322,00 €	290	160,00 €	290	86,00 €	290	64,00 €	290	187,00 €	290	128,00 €	225	285,00 €
315	349,00 €	315	182,00 €	315	99,00 €	315	72,00 €	315	197,00 €	315	132,00 €	250	290,00 €

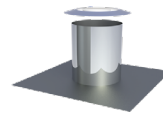
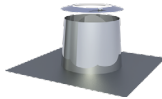
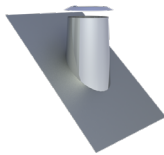
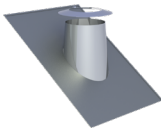
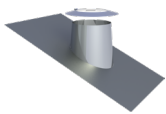
Flashing kit 16-25°  
lead base with storm  
collar

Flashing kit 26-35°  
lead base with storm  
collar, cone 150mm

Flashing kit 36-45°  
lead base with storm  
collar

Flat flashing conical  
with storm collar

Cylindrical flat flas-  
hing with storm collar



DW59Ø		DW38Ø		DW54Ø		DW52Ø		DW52ZYØ	
080	190,00 €	080	190,00 €	080	190,00 €	080	107,00 €	080	107,00 €
100	204,00 €	100	204,00 €	100	204,00 €	100	111,00 €	100	111,00 €
115	209,00 €	115	209,00 €	115	209,00 €	115	112,00 €	115	112,00 €
130	216,00 €	130	216,00 €	130	216,00 €	130	114,00 €	130	114,00 €
150	235,00 €	150	235,00 €	150	235,00 €	150	119,00 €	150	119,00 €
160	242,00 €	160	242,00 €	160	242,00 €	160	125,00 €	160	125,00 €
180	251,00 €	180	251,00 €	180	251,00 €	180	133,00 €	180	133,00 €
200	258,00 €	200	258,00 €	200	258,00 €	200	164,00 €	200	164,00 €
225	285,00 €	225	285,00 €	225	285,00 €	225	172,00 €	225	172,00 €
250	290,00 €	250	290,00 €	250	290,00 €	250	186,00 €	250	186,00 €

\*1 Please note measurement tables



# System FURADO CHIMNEY COVERING



Pre fabricated chimney housing FURADO 1000mm

Pre fabricated chimney housing FURADO 1500mm

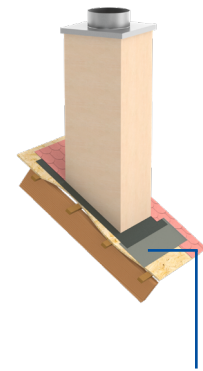
Plaster look

Plaster look

Size inside LS60100...X...-1449		Size inside LS60150...X...-1449	
140x140	780,00 €	140x140	886,00 €
160x160	800,00 €	160x160	916,00 €
190x190	820,00 €	190x190	941,00 €
210x210	835,00 €	210x210	963,00 €
230x230	892,00 €	230x230	977,00 €
240x240	948,00 €	240x240	1.093,00 €
260x260	971,00 €	260x260	1.127,00 €
310x310	994,00 €	310x310	1.153,00 €



Plaster



The component shown is not included in the scope of delivery, please order the chimney surround separately.

Pre fabricated chimney housing FURADO 1000mm

Pre fabricated chimney housing FURADO 1500mm

Clinker

Clinker

Size inside LS60100...X...-1448		Size inside LS60150...X...-1448	
140x140	1.117,00 €	140x140	1.261,00 €
160x160	1.148,00 €	160x160	1.302,00 €
190x190	1.169,00 €	190x190	1.333,00 €
210x210	1.187,00 €	210x210	1.360,00 €
230x230	1.199,00 €	230x230	1.378,00 €
240x240	1.290,00 €	240x240	1.476,00 €
260x260	1.290,00 €	260x260	1.553,00 €
310x310	1.477,00 €	310x310	1.570,00 €



sahara red



anthracite



red



old red



apple blossom

Pre fabricated chimney housing FURADO 1000mm

Pre fabricated chimney housing FURADO 1500mm

Painted

Painted

Size inside LS60100...X...-1447		Size inside LS60150...X...-1447	
140x140	575,00 €	140x140	724,00 €
160x160	586,00 €	160x160	732,00 €
190x190	601,00 €	190x190	751,00 €
210x210	610,00 €	210x210	761,00 €
230x230	619,00 €	230x230	773,00 €
240x240	679,00 €	240x240	834,00 €
260x260	689,00 €	260x260	847,00 €
310x310	713,00 €	310x310	878,00 €



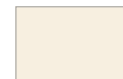
RAL8017P-C411  
= gloss



RAL9011MB-C626  
= brusy mat



RAL7016P-C411  
= gloss



RAL1015PP-J2197  
= gloss



RAL9005PP-J2487  
= gloss



RAL9010M-T29  
= mat



RAL4179-8MB-C626  
= brusy mat



RAL4798-5MB-C626  
= brusy mat



RAL8004M-T29  
= mat



RAL8016P-C411  
= gloss

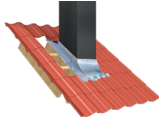
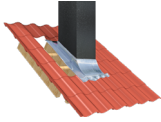


# System FURADO CHIMNEY COVERING



Frame for chimneys with inside dimension 140x140mm to 210x210mm

Frame for chimneys with inside dimension 140x140mm to 210x210mm



<b>LS1762-1</b>	<b>LS1762-2</b>
370,00 €	370,00 €



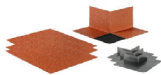
# System FURADO-F SHAFT SEALING



Shaft sealing set over roof, width=250mm

Connecting band l=2.5 m for shaft sealing above roof

Connecting band l=5 m for shaft sealing above roof



€ NET



€ NET



€ NET

<b>brown</b>	ZUTE2200-1	76,00 €	<b>brown</b>	ZUTE2200-4	112,00 €	<b>brown</b>	ZUTE2200-7	251,00 €
<b>terracotta</b>	ZUTE2200-2	76,00 €	<b>terracotta</b>	ZUTE2200-5	112,00 €	<b>terracotta</b>	ZUTE2200-8	251,00 €
<b>black</b>	ZUTE2200-3	76,00 €	<b>black</b>	ZUTE2200-6	112,00 €	<b>black</b>	ZUTE2200-9	251,00 €

Primer (125 ml Tube)

Shaft sealing for below roof with plaster base, l=500mm, for shaft external dimension up to 300x300mm

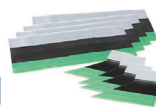
Shaft sealing for below roof with plaster base, l=750mm, for shaft external dimension up to 550x550mm

Shaft sealing for below roof with plaster base, l=1000mm, for shaft external dimension up to 800x800mm

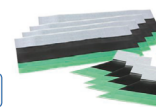


\*1

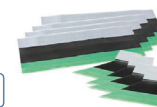
€ NET



€ NET



€ NET



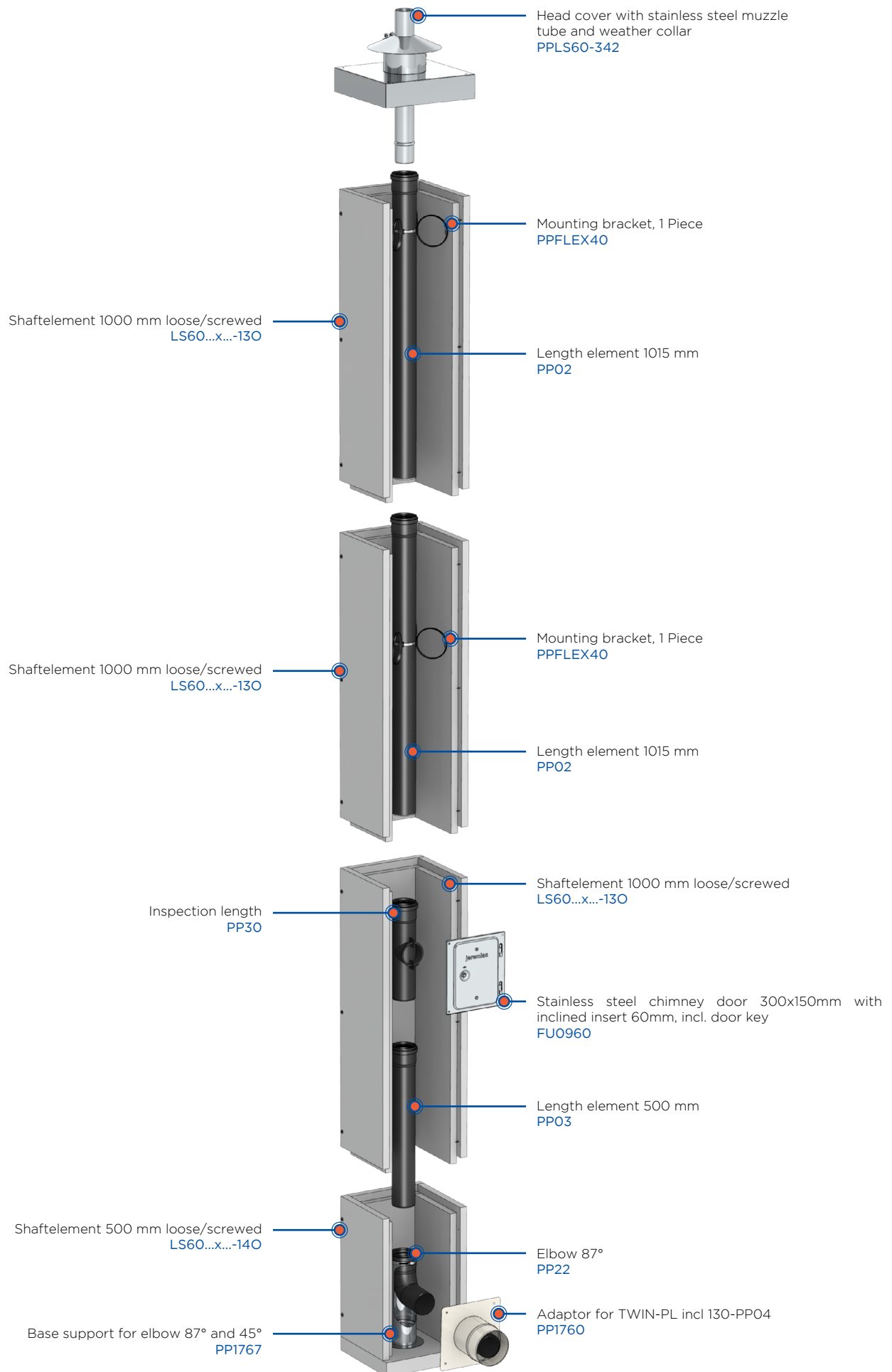
€ NET

	<b>ZUTE2202-ML</b>		<b>ZUTE2201-1</b>	<b>ZUTE2201-3</b>	<b>ZUTE2201-5</b>
-125 ml	ZUTE2202-125	14,00 €	75,00 €	87,00 €	98,00 €
-250 ml	ZUTE2202-250	28,00 €			
-500 ml	ZUTE2202-500	36,00 €			

\*1 When using our lightweight shaft, it must first be treated with a primer for highly absorbent surfaces! Only then can the primer be applied.

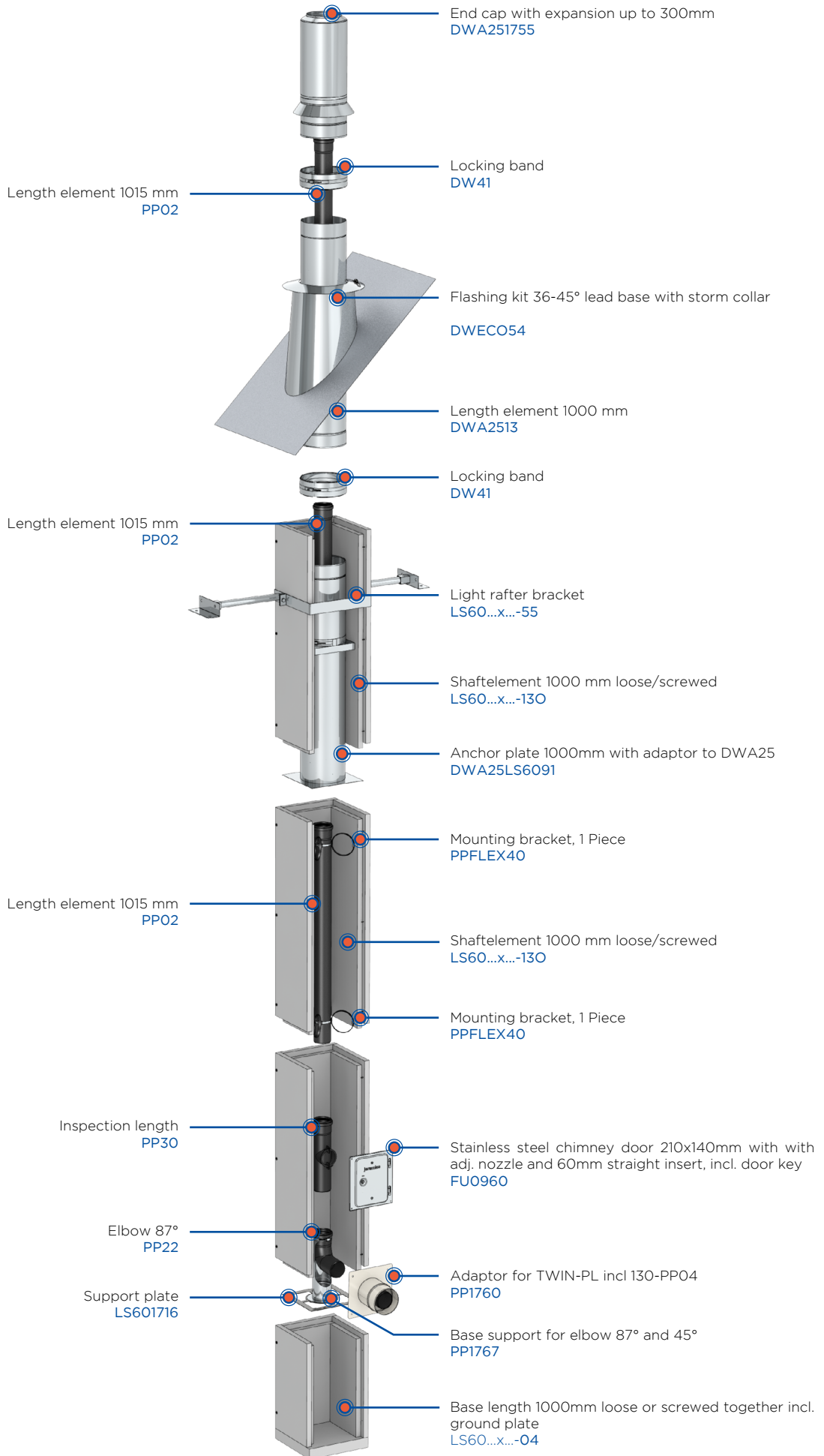


# System FURADO-A CONSTRUCTION EXAMPLE 1





# System FURADO-A CONSTRUCTION EXAMPLE 2 ROOM AIR INDEPENDENT





# System FURADO-A CONSTRUCTION EXAMPLE 3 ROOM AIR DEPENDENT

