



DESCRIPTION

Concentric, pressure-tight flue pipe with plastic inner tube and stainless steel outer tube for room-air independent heating appliances

MATERIAL

Inside: PP (Polypropylene)

Outside: from Ø 60/100 mm: 1.4509 (441)

from Ø 125/190 mm: 1.4301 (304)

FINISHING

Highly polished

On request:

- powder-coated + 55% (version TW-P)

- matt + 30 %

- brushed + 35%

With the TW-PV version, starting from the joint in front of the last bracket, every joint must be secured with a locking band (TWPV45Ø - to be ordered separately)!

Replacement paint for touch up, Code: LACK-DOSE, 18.00 € net per 400 ml can

WALL THICKNESS

Inside: 2.0 mm

Outside: 0.5 mm

DIAMETER

60/100 mm, 80/125 mm, 100/150 mm and 110/160 mm

Extended diameters from 125/190 mm, 160/230 mm, 200/265 mm and 250/315 mm

CONNECTION

Socket / bead with internal special gasket in the exhaust pipe, no bead in the outer pipe. Version TW-PV: retracted plug connection

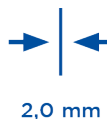
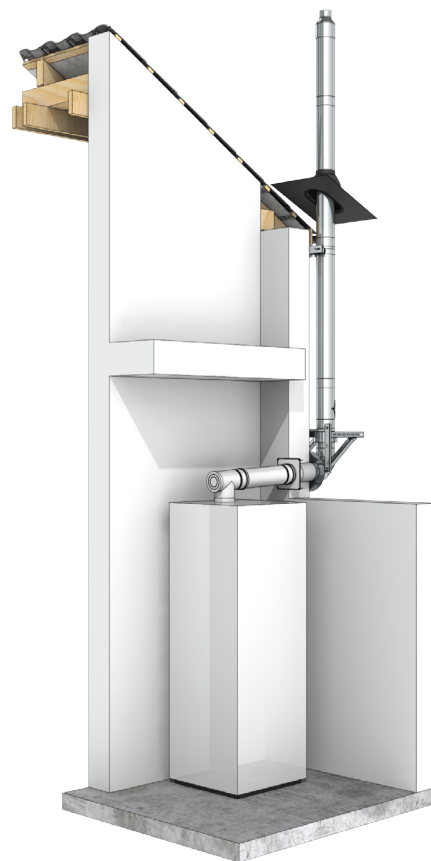
LOCKING BAND / GASKET

Gasket for the inner tube is included in the standard scope of delivery. When installed as a connecting pipe in the boiler room, each joint needs an external gasket with locking band TW1490. Extended diameters including locking band.

ORDER CODE

The article code for your order results from: Article code + Ø (e.g.: TWP10060/100 or TW26150).

Please refer to the respective code for deviations.



CHARACTERISTICS

- Connection of boiler systems in room air independent operation on concentric or single-walled exhaust systems
- Combination with TWIN-PL, EW-PPS and EW-PP FLEX possible
- Use of the fireplace as a roof heating center is possible
- Mounting in the riser without a clamp (TWP45 clamping straps optionally available on request)

APPLICATION AREASS

- For room-air independent heating appliances
- Condensing boilers
- CHP
- Gas-powered heat pumps
- Fuel cells
- Use inside and outside the building

CE MARK NUMBER

0036 CPR 9174 043

CE CLASSIFICATIONS ACC. TO DIN EN 14471

TWIN-P < DN 200

T120 - H1 - W2 - O00 - LE - E - UO

TWIN-P ≥ DN 200

T120 - P1 - W2 - O00 - LE - E - UO

TWIN-P (V) DN60-110

T120 - H1 - W2 - O00 - LE - E - UO

TWIN-P (CU) DN60-110

T120 - H1 - W2 - O00 - LE - E - UO

Cantilevers type I
350mm

Cantilevers type II
500mm

Cantilevers Type III
750mm

Cantilevers type IV
1030mm

Base plate for inter-
mediate support

Base plate for inter-
mediate support
with air inlet

Length 1000mm



Rgr.
DW



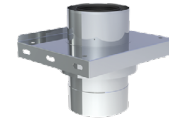
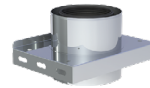
Rgr.
DW



Rgr.
DW



Rgr.
DW



DW391	DW392	DW393	DW407	TWP07Ø	TWP857Ø	TWP13Ø
122,00 €	137,00 €	167,00 €	274,00 €	060/100 85,00 € 080/125 86,00 € 100/150 100,00 € 110/160 115,00 €	060/100 120,00 € 080/125 126,00 € 100/150 143,00 € 110/160 158,00 €	060/100 72,00 € 080/125 74,00 € 100/150 94,00 € 110/160 101,00 €

Length 500mm

Length 250mm

Telescopic
compensator to
accommodate
linear expansions,
required for offsets

Air supply element

Wall bracket 50mm

Wall bracket extension
l=130mm

Wall bracket extension
l=200mm



Rgr.
DW



Rgr.
DW

TWP14Ø	TWP15Ø	TWP1102Ø	TWP181Ø	ZUWA704Ø	ZUWA891-130	ZUWA891-200
060/100 48,00 € 080/125 50,00 € 100/150 61,00 € 110/160 67,00 €	060/100 38,00 € 080/125 39,00 € 100/150 43,00 € 110/160 48,00 €	060/100 177,00 € 080/125 214,00 € 100/150 261,00 € 110/160 281,00 €	060/100 77,00 € 080/125 78,00 € 100/150 87,00 € 110/160 101,00 €	100 42,00 € 125 44,00 € 150 46,00 € 160 51,00 €	39,00 €	46,00 €

Wall bracket extension
l=250mm

Wall bracket extension
l=400mm

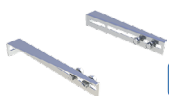
Wall bracket 50mm

Adjustable wall
bracket 50-150mm,
single-braced

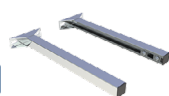
Adjustable wall bracket
150-250mm,
single-braced

Adjustable wall bracket
250-360mm,
single-braced

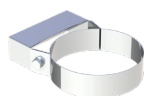
Adjustable wall
bracket (head/wall
part), wall distance
from 250mm,
single-braced



Rgr.
DW



Rgr.
DW



ZUWA891-250	ZUWA706	TW21Ø	TW22Ø	TW23Ø	TW24Ø	TW20Ø
57,00 €	99,00 €	100 61,00 € 125 62,00 € 150 63,00 € 160 66,00 €	100 103,00 € 125 105,00 € 150 106,00 € 160 107,00 €	100 118,00 € 125 120,00 € 150 122,00 € 160 123,00 €	100 162,00 € 125 163,00 € 150 165,00 € 160 166,00 €	100 113,00 € 125 114,00 € 150 115,00 € 160 115,00 €

Extension
30x30mm for
TW20 l=500mm

Extension
30x30mm for
TW20 l=1000mm

Elbow 15°

Elbow 30°

Elbow 45°

Elbow 87°

Elbow 87° with
inspection door



DW85	DW86	TWP160	TWP170	TWP180	TWP640	TWP670
59,00 €	81,00 €	060/100 57,00 € 080/125 58,00 € 100/150 78,00 € 110/160 96,00 €	060/100 54,00 € 080/125 55,00 € 100/150 74,00 € 110/160 86,00 €	060/100 54,00 € 080/125 55,00 € 100/150 74,00 € 110/160 86,00 €	060/100 77,00 € 080/125 78,00 € 100/150 86,00 € 110/160 94,00 €	060/100 122,00 € 080/125 124,00 € 100/150 141,00 € 110/160 153,00 €

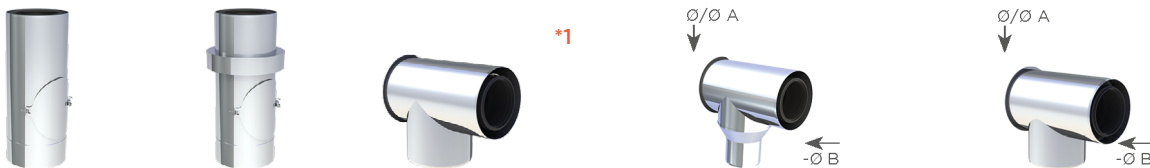
Inspection length

Inspection length
with air inlet

T 87° with inspection
door and
integrated boiler
connecting piece

T 87° with inspection door reducing boiler
adaptor Ø 060/100mm

T-87° with inspection
opening and decreased
boiler adaptor Ø
110/150mm, Adaptor
for Viessmann boilers



TWP100	TWP10B0	TWP3080	TWP3080-Ø	TWP308V0-Ø
060/100 110,00 € 080/125 113,00 € 100/150 153,00 € 110/160 164,00 €	060/100 158,00 € 080/125 163,00 € 100/150 221,00 € 110/160 229,00 €	060/100 110,00 € 080/125 113,00 € 100/150 153,00 € 110/160 164,00 €	A 080/125 113,00 € B 060/100 A 100/150 153,00 € B 060/100 A 100/150 153,00 € B 080/125 A 110/160 164,00 € B 060/100	A 110/160 164,00 € B 110/150

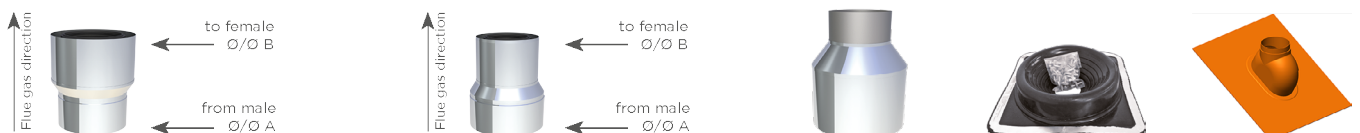
Concentric increaser

Concentric decreaser

End cap

Flashing kit (EPDM)
with screws and
sealing compound

Flashing Kit O-48°
brick-red Wakaflex,
independent of roof
cladding



TWPE0-0	TWPR0-0	TWP320	TWP360	TWPL3530
A 060/100 67,00 € B 080/125 85,00 € A 070/100 86,00 € B 080/125 101,00 €	A 100/150 102,00 € B 110/160 A 100/150 85,00 € B 060/100 86,00 € A 110/160 100,00 €	A 080/125 67,00 € B 060/100 101,00 € A 100/150 85,00 € B 060/100 102,00 € A 110/160 68,00 €	060/100 53,00 € 080/125 54,00 € 100/150 62,00 € 110/160 68,00 €	100 185,00 € 125 185,00 € 160 232,00 €

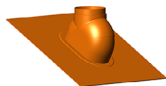
- *1 Please indicate your boiler type for the selection of the appropriate connection!
- *2 Terminal can be extended with components TWP13/14/15 according to assembly instructions, delivery time approx. 2 weeks for RAL surfaces

Flashing Kit 0-48°
black Wakaflex,
independent of roof
cladding with storm
collar



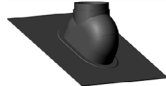
TWPL354Ø	
100	185,00 €
125	185,00 €
160	232,00 €

Flashing Kit 25-45°
red



TWPL355Ø	
150	239,00 €

Flashing Kit 25-45°
black



TWPL356Ø	
150	239,00 €

Terminal vertical,
not painted



TWP1941Ø	
060/100	138,00 €
080/125	143,00 €
100/150	177,00 €
110/160	193,00 €

Terminal vertical,,
black



TWP1944Ø	
060/100	155,00 €
080/125	162,00 €
100/150	197,00 €
110/160	217,00 €

Terminal vertical,
brick red



TWP1943Ø	
060/100	155,00 €
080/125	162,00 €
100/150	197,00 €
110/160	217,00 €

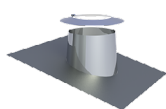
Terminal vertical,
white



TWP1942Ø	
060/100	165,00 €
080/125	166,00 €
100/150	205,00 €
110/160	206,00 €

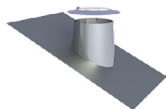
TWIN-P

Flashing kit 5-15°
lead base with
storm collar



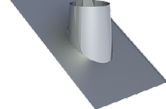
TW53Ø	
100	215,00 €
125	217,00 €
150	262,00 €
160	264,00 €

Flashing kit 16-25°
lead base with
storm collar



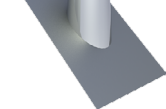
TW59Ø	
100	215,00 €
125	217,00 €
150	262,00 €
160	264,00 €

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



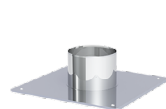
TW38Ø	
100	244,00 €
125	244,00 €
150	262,00 €
160	265,00 €

Flashing kit 36-45°
lead base with
storm collar



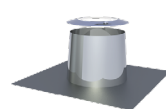
TW54Ø	
100	245,00 €
125	244,00 €
150	262,00 €
160	269,00 €

Base plate
400x400mm for
chimney raise,
without insert



TWP847Ø	
060/100	114,00 €
080/125	115,00 €
100/150	117,00 €
110/160	118,00 €

Flat flashing conical
with storm collar



TW52Ø	
100	137,00 €
125	138,00 €
150	142,00 €
160	145,00 €

Ceiling plate, 0°,
one-piece



ZUDA070Ø	
100	62,00 €
125	63,00 €
150	72,00 €
160	72,00 €

Ceiling plate 0°,
two-piece



ZUDA074Ø	
100	70,00 €
125	72,00 €
150	77,00 €
160	78,00 €

Ceiling plate 31-45°
two-piece



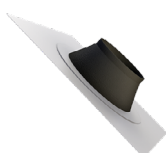
ZUDA98VØ	
100	70,00 €
125	72,00 €
150	76,00 €
160	77,00 €

Ceiling plate 0-30°
two-piece



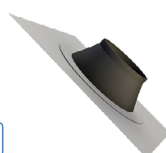
ZUDA99VØ	
100	57,00 €
125	58,00 €
150	64,00 €
160	66,00 €

Airtight sealing
collars 7°-35° for
connection line up
to T200 (can be
plastered)



ZUTE2197Ø	
100-110	38,00 €
125-135	45,00 €
150-165	54,00 €

Airtight sealing
collars 7°-35° for
connection line up
to T200 (can be
plastered)



ZUTE2196Ø	
100-110	31,00 €
125-135	43,00 €

Length with test
point



TWP51Ø	
060/100	54,00 €
080/125	55,00 €
100/150	74,00 €
110/160	86,00 €

Boiler adaptor wit-
hout test poin



TWP182Ø	
060/100	55,00 €
080/125	57,00 €
100/150	75,00 €
110/160	87,00 €

*1

Boiler adaptor without test point from Ø 110/150 to 110/160mm, Adaptor for Viessmann boilers

Drain length including Siphon for horizontal installation

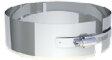
Screw connection 87° with internal thread 3/4" for siphon 130-PP46 (required when installing the condensate drain trap 130-PP111 vertically)

Storm collar

Locking band for outdoor installation for stabilisation (optional)

Locking band with gasket for internal installation (Boiler room)

Gasket (EPDM)

						
TWP182VØ-Ø	TWP1504AØ	130-PP1510	KL72Ø	TWP45Ø	TW1490Ø	130-PP26Ø
A 110/160 B 110/150	060/100 080/125 100/150 110/160	23,00 €	100 125 150 160	100 125 150 160	100 125 150 160	060 080 100 110
96,00 €	140,00 € 149,00 € 181,00 € 201,00 €		39,00 € 44,00 € 46,00 € 47,00 €	12,00 € 13,00 € 15,00 € 16,00 €	55,00 € 59,00 € 68,00 € 69,00 €	10,00 € 15,00 € 16,00 € 17,00 €

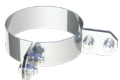
Lubricant tube 75 ml, chloride free

2-point guy wire bracket

Anchor tubes adjustable up to 2m, 2 rods Ø17.1x1.5mm/Ø20x1mm (for wind load zones 1+2, up to Ø200mm)

Anchor tubes adjustable up to 3m, 2 rods Ø17.1x1.5mm/Ø20x1mm (for wind load zones 1+2, up to Ø200mm)

Anchor tubes adjustable up to 4m, consisting of 2x3 interlocking pipes (for wind load zone 1+2, up to Ø200mm)

				
750GLEIOVT	TW1057Ø	ZUDA904-2000	ZUDA904-3000	ZUDA904-4000
15,00 €	100 125 150 160	198,00 €	227,00 €	313,00 €
	36,00 € 37,00 € 39,00 € 40,00 €			



System TWIN-P EXPANDED DIAMETER



Base plate for intermediate support

Base plate for intermediate support with air inlet

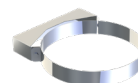
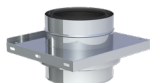
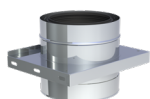
Length 1000mm

Length 500mm

Length 250mm

Air supply element

Wall bracket 50mm



TWP07Ø	TWP857Ø	TWP13Ø	TWP14Ø	TWP15Ø	TWP181Ø	TW21Ø
125/190 214,00 €	125/190 304,00 €	125/190 219,00 €	125/190 162,00 €	125/190 143,00 €	125/190 256,00 €	190 67,00 €
160/230 274,00 €	160/230 387,00 €	160/230 254,00 €	160/230 188,00 €	160/230 162,00 €	160/230 331,00 €	230 70,00 €
200/265 345,00 €	200/265 490,00 €	200/265 321,00 €	200/265 227,00 €	200/265 181,00 €	200/265 407,00 €	265 74,00 €
250/315 429,00 €	250/315 613,00 €	250/315 443,00 €	250/315 254,00 €	250/315 236,00 €	250/315 490,00 €	315 81,00 €

Adjustable wall bracket 50-150mm, single-braced

Adjustable wall bracket 50-150mm, double-braced

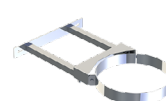
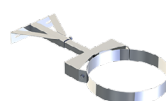
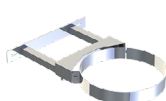
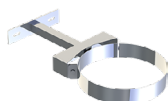
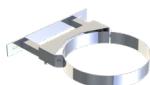
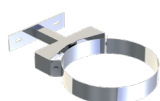
Adjustable wall bracket 50-250mm, single-braced

Adjustable wall bracket 50-250mm, double-braced

Adjustable wall bracket 250-360mm, single-braced

Adjustable wall bracket 250-360mm, double-braced

Adjustable wall bracket (head/wall part), wall distance from 250mm, single-braced



TW22Ø	TW22Ø	TW23Ø	TW23Ø	TW24Ø	TW24Ø	TW20Ø
190 109,00 €	315 124,00 €	190 124,00 €	315 140,00 €	190 169,00 €	315 183,00 €	190 124,00 €
230 113,00 €		230 129,00 €		230 173,00 €		230 126,00 €
265 116,00 €		265 133,00 €		265 177,00 €		265 129,00 €

Adjustable wall bracket (head/wall part), wall distance from 250mm, double-braced

Elbow 15°

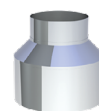
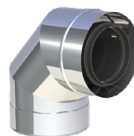
Elbow 30°

Elbow 45°

Elbow 87°

Inspection length

End cap



TW20Ø	TWP16Ø	TWP17Ø	TWP18Ø	TWP64Ø	TWP10Ø	TWP32Ø
315 149,00 €	125/190 188,00 €	125/190 188,00 €	125/190 188,00 €	125/190 300,00 €	125/190 369,00 €	125/190 143,00 €
	160/230 226,00 €	160/230 226,00 €	160/230 226,00 €	160/230 331,00 €	160/230 471,00 €	160/230 154,00 €
	200/265 293,00 €	200/265 293,00 €	200/265 293,00 €	200/265 376,00 €	200/265 555,00 €	200/265 162,00 €
	250/315 392,00 €	250/315 387,00 €	250/315 387,00 €	250/315 471,00 €	250/315 657,00 €	250/315 171,00 €



System TWIN-P

EXPANDED DIAMETER



Base plate for chimney raise (without insert)

Flat flashing 0-5° with storm collar

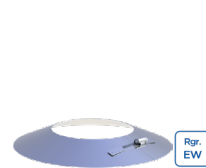
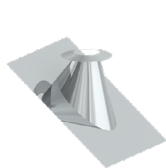
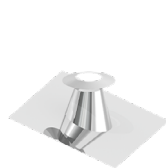
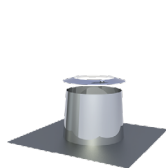
Flashing kit 6-32° with storm collar

Flashing kit 33-45° with storm collar

Airtight sealing collars 7°-35° for connection line up to T200 (can be plastered)

Drain length including Siphon for horizontal installation

Storm collar



TWP847Ø	TW52Ø	TW571Ø	TW572Ø	ZUTE2197Ø	TWP1504AØ	KL72Ø
125/190 155,00 €	190 147,00 €	190 528,00 €	190 528,00 €	180-195 62,00 €	125/190 236,00 €	190 54,00 €
160/230 212,00 €	230 172,00 €	230 575,00 €	230 575,00 €	230-245 78,00 €	160/230 282,00 €	230 58,00 €
200/265 249,00 €	265 212,00 €	265 694,00 €	265 694,00 €		200/265 438,00 €	265 59,00 €
250/315 289,00 €	315 238,00 €	315 790,00 €	315 790,00 €			315 72,00 €

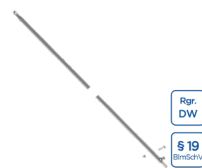
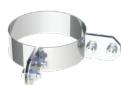
Air supply element, room-air dependant not concentric

2-point guy wire bracket

Anchor tubes adjustable up to 2m, 2 rods Ø17.1x1.5mm/Ø20x1mm (for wind load zones 1+2, up to Ø200mm)

Anchor tubes adjustable up to 3m, 2 rods Ø17.1x1.5mm/Ø20x1mm (for wind load zones 1+2, up to Ø200mm)

Anchor tubes adjustable up to 4m, consisting of 2x3 interlocking pipes (for wind load zone 1+2, up to Ø200mm)



TWP849Ø	TW1057Ø	ZUDA904-2000	ZUDA904-3000	ZUDA904-4000
125/190 182,00 €	160 40,00 €	198,00 €	227,00 €	313,00 €
160/230 227,00 €	190 43,00 €			
200/265 284,00 €	230 46,00 €			
250/315 369,00 €	265 50,00 €			



System TWIN-P

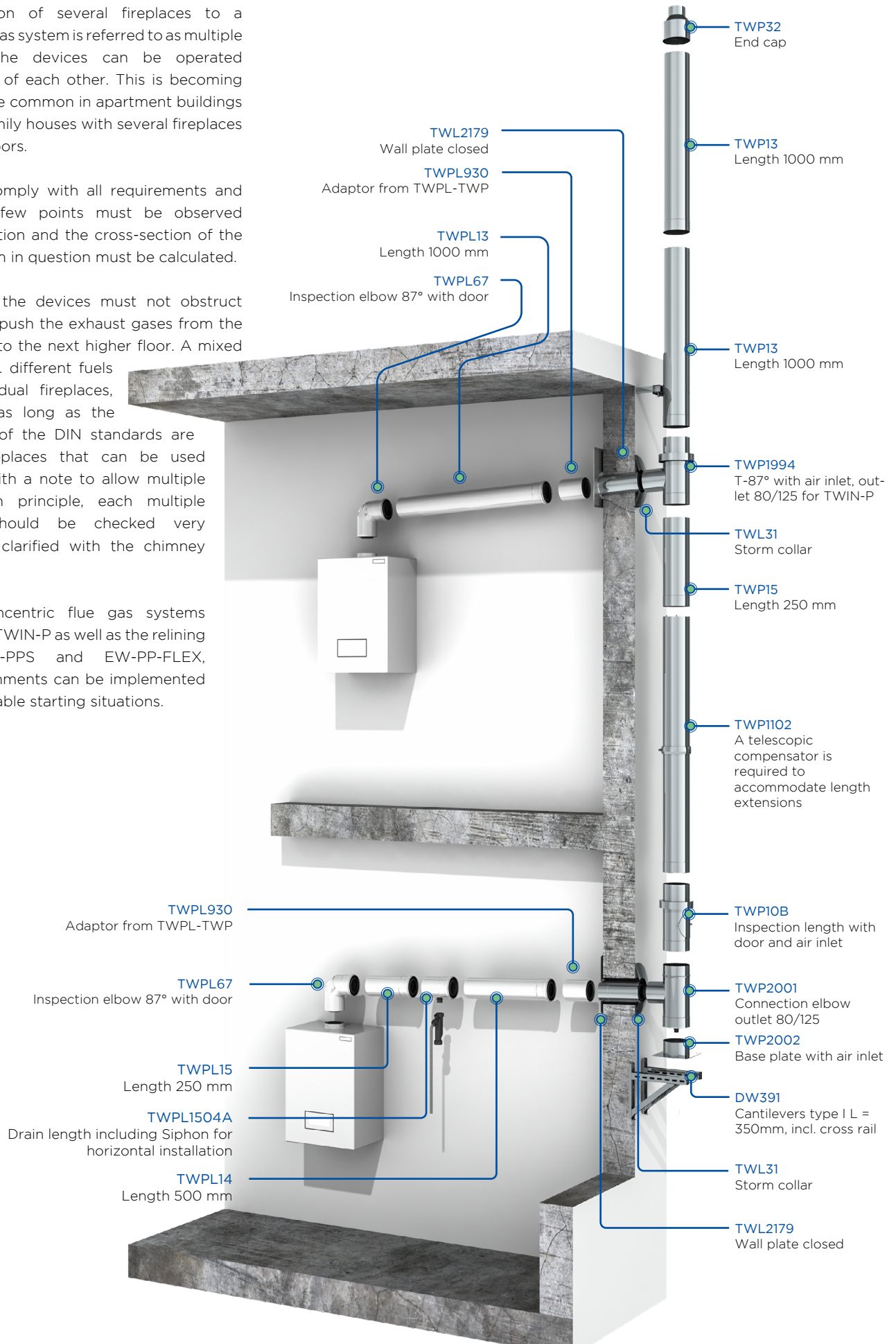
MULTIPLE OCCUPANCY / CASCADE

The connection of several fireplaces to a common flue gas system is referred to as multiple occupancy. The devices can be operated independently of each other. This is becoming more and more common in apartment buildings or in single-family houses with several fireplaces on different floors.

In order to comply with all requirements and approvals, a few points must be observed before installation and the cross-section of the exhaust system in question must be calculated.

For example, the devices must not obstruct each other or push the exhaust gases from the lower system to the next higher floor. A mixed occupancy, i.e. different fuels for the individual fireplaces, is permitted as long as the requirements of the DIN standards are met. The fireplaces that can be used are marked with a note to allow multiple occupancy. In principle, each multiple occupancy should be checked very carefully and clarified with the chimney sweep.

With the concentric flue gas systems TWIN-PL and TWIN-P as well as the relining systems EW-PPS and EW-PP-FLEX, multiple assignments can be implemented for all conceivable starting situations.



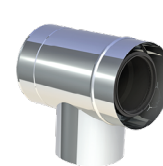
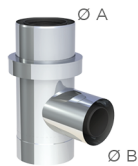
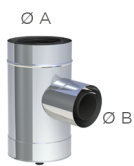
Base plate with air
inlet

Connection elbow

T-87° with air inlet

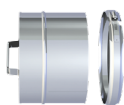
Telescopic
compensator to
accommodate
linear expansions,
required for offsets

T-87° with reduced
outlet suitable for
TWPL110/160 for
cascade



TWP2002Ø	TWP2001Ø-Ø		TWP1994Ø-Ø		TWP1102Ø	TWP2194Ø
080/125 142,00 €	A 080/125	A 160/230	A 080/125	A 160/230	080/125 214,00 €	125/190 449,00 €
100/150 145,00 €	B 080/125 378,00 €	B 080/125 544,00 €	B 080/125 341,00 €	B 080/125 632,00 €	100/150 261,00 €	160/230 491,00 €
110/160 158,00 €	A 100/150		A 100/150		110/160 281,00 €	200/265 596,00 €
125/190 174,00 €	B 080/125 408,00 €		B 080/125 408,00 €		125/190 291,00 €	
160/230 180,00 €	A 110/160		A 110/160		160/230 343,00 €	
200/265 182,00 €	B 080/125 451,00 €		B 080/125 451,00 €			
250/315 213,00 €	A 125/190		A 125/190			
	B 080/125 488,00 €		B 080/125 544,00 €			

End cap with
handle for cascade



TWP2368Ø
125/190 291,00 €
160/230 305,00 €
200/265 353,00 €