



System TWIN-P

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 + 25%, brushed + 25%, copper length elements + 110%,
copper fittings + 95% (version TW-PV)

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, € 17.00 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

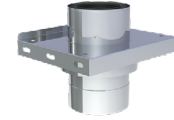
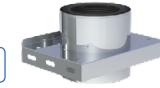
Cantilevers Type III
750mm

Cantilevers type IV
1030mm

Base plate for inter-
mediate support

Base plate for inter-
mediate support with
air inlet

Length 1000mm



DW391	DW392	DW393	DW407	TWP07Ø	TWP857Ø	TWP13Ø
117,00 €	132,00 €	161,00 €	264,00 €	060/100 82,00 €	060/100 115,00 €	060/100 69,00 €
				080/125 83,00 €	080/125 121,00 €	080/125 71,00 €
				100/150 96,00 €	100/150 138,00 €	100/150 90,00 €
				110/160 111,00 €	110/160 152,00 €	110/160 97,00 €

Length 500mm

Length 250mm

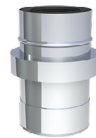
Telescopic compen-
sator to accommo-
date linear expan-
sions, required for
offsets

Air supply element

Wall bracket 50mm

Wall bracket extensi-
on l=130mm

Wall bracket extensi-
on l=200mm



TWP14Ø	TWP15Ø	TWP1102Ø	TWP181Ø	ZUWA704Ø	ZUWA891-130	ZUWA891-200
060/100 46,00 €	060/100 36,00 €	060/100 171,00 €	060/100 74,00 €	100 40,00 €	37,00 €	44,00 €
080/125 48,00 €	080/125 37,00 €	080/125 206,00 €	080/125 75,00 €	125 42,00 €		
100/150 58,00 €	100/150 41,00 €	100/150 252,00 €	100/150 84,00 €	150 44,00 €		
110/160 64,00 €	110/160 46,00 €	110/160 271,00 €	110/160 97,00 €	160 49,00 €		

Wall bracket extensi-
on l=250mm

Wall bracket extensi-
on l=400mm

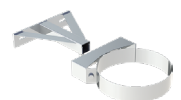
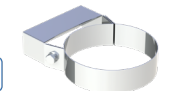
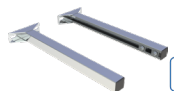
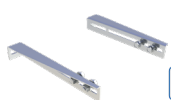
Wall bracket 50mm

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



ZUWA891-250	ZUWA706	TW21Ø	TW22Ø	TW23Ø	TW24Ø	TW20Ø
55,00 €	95,00 €	100 58,00 €	100 99,00 €	100 114,00 €	100 156,00 €	100 109,00 €
		125 59,00 €	125 101,00 €	125 115,00 €	125 157,00 €	125 110,00 €
		150 60,00 €	150 102,00 €	150 117,00 €	150 159,00 €	150 111,00 €
		160 63,00 €	160 103,00 €	160 118,00 €	160 160,00 €	160 111,00 €

• *1 Please indicate your boiler type for the selection of the appropriate connection!

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	TWP16Ø		TWP17Ø		TWP18Ø		TWP64Ø		TWP67Ø	
57,00 €	78,00 €	060/100	55,00 €	060/100	52,00 €	060/100	52,00 €	060/100	74,00 €	060/100	117,00 €
		080/125	56,00 €	080/125	53,00 €	080/125	53,00 €	080/125	75,00 €	080/125	119,00 €
		100/150	75,00 €	100/150	71,00 €	100/150	71,00 €	100/150	83,00 €	100/150	136,00 €
		110/160	92,00 €	110/160	83,00 €	110/160	83,00 €	110/160	90,00 €	110/160	147,00 €

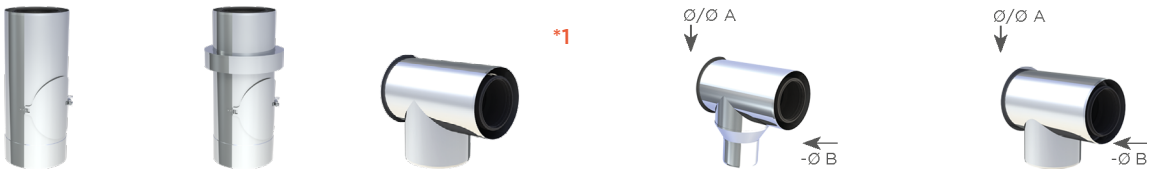
Inspection length

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 decrea-
sed boiler adaptor Ø
110/150mm, Adaptor
for Viessmann boilers



TWP10Ø		TWP10BØ		TWP308Ø		TWP308Ø-Ø		TWP308VØ-Ø	
060/100	106,00 €	060/100	152,00 €	060/100	106,00 €	A 080/125	109,00 €	A 110/160	158,00 €
080/125	109,00 €	080/125	157,00 €	080/125	109,00 €	B 060/100		B 080/125	158,00 €
100/150	147,00 €	100/150	213,00 €	100/150	147,00 €	A 100/150	147,00 €	A 110/160	158,00 €
110/160	158,00 €	110/160	221,00 €	110/160	158,00 €	B 060/100		B 100/150	
						A 100/150	147,00 €		
						B 080/125			
						A 110/160	158,00 €		
						B 060/100			

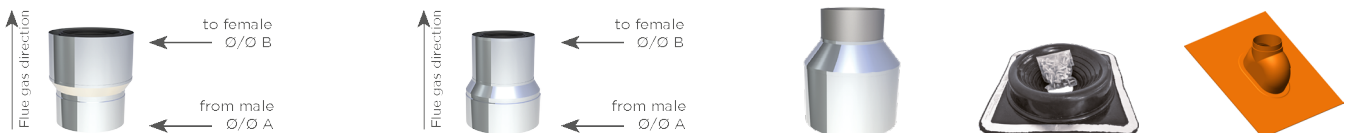
Concentric increaser

Concentric decreaser

End cap

Flashing kit (EPDM)
with screws and
sealing compound

Flashing Kit 0-48°
brick-red Wakaflex,
independent of roof
cladding



TWPEØ-Ø		TWPRØ-Ø		TWP32Ø		TWP360		TWPL353Ø	
A 060/100		A 100/150	98,00 €	A 080/125	64,00 €	A 110/160		100	178,00 €
B 080/125	64,00 €	B 110/160		B 060/100	64,00 €	B 080/125	97,00 €	125	178,00 €
A 070/100				A 100/150	82,00 €	A 110/160	98,00 €	160	224,00 €
B 080/125	82,00 €			B 060/100	82,00 €	B 100/150			
A 080/125				A 100/150	83,00 €				
B 100/150	83,00 €			B 080/125					
A 080/125				A 110/160	96,00 €				
B 110/160	97,00 €			B 060/100					

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

Flashing Kit 25-45° red

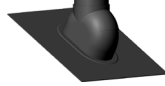
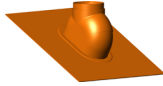
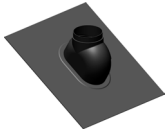
Flashing Kit 25-45° black

Terminal vertical, not painted

Terminal vertical, black

Terminal vertical, brick red

Terminal vertical, white



*2



*2



*2



*2

TWPL354Ø		TWPL355Ø		TWPL356Ø		TWP1941Ø		TWP1944Ø		TWP1943Ø		TWP1942Ø	
100	178,00 €	150	230,00 €	150	230,00 €	060/100	133,00 €	060/100	149,00 €	060/100	149,00 €	060/100	159,00 €
125	178,00 €					080/125	138,00 €	080/125	156,00 €	080/125	156,00 €	080/125	160,00 €
160	224,00 €					100/150	171,00 €	100/150	190,00 €	100/150	190,00 €	100/150	198,00 €
						110/160	186,00 €	110/160	209,00 €	110/160	209,00 €	110/160	199,00 €

Flashing kit 5-15° lead base with storm collar

Flashing kit 16-25° lead base with storm collar

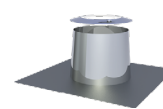
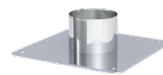
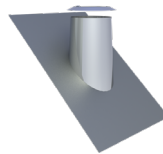
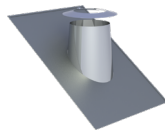
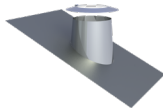
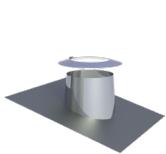
Flashing kit 26-35° lead base with storm collar, cone 150mm

Flashing kit 36-45° lead base with storm collar

Base plate 400x400mm for chimney raise, without insert

Flat flashing conical with storm collar

Ceiling plate, 0°, one-piece



TW53Ø		TW59Ø		TW38Ø		TW54Ø		TWP847Ø		TW52Ø		ZUDA070Ø	
100	207,00 €	100	207,00 €	100	235,00 €	100	236,00 €	060/100	110,00 €	100	132,00 €	100	59,00 €
125	209,00 €	125	209,00 €	125	235,00 €	125	235,00 €	080/125	111,00 €	125	133,00 €	125	60,00 €
150	253,00 €	150	253,00 €	150	253,00 €	150	253,00 €	100/150	113,00 €	150	137,00 €	150	69,00 €
160	255,00 €	160	255,00 €	160	256,00 €	160	259,00 €	110/160	114,00 €	160	140,00 €	160	69,00 €

Ceiling plate 0°, two-piece

Ceiling plate 31-45° two-piece

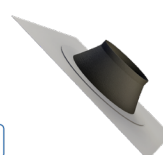
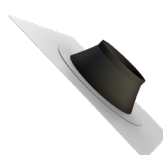
Ceiling plate 0-30°, two-piece

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

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

Length with test point

Boiler adaptor without test point



ZUDA074Ø		ZUDA98VØ		ZUDA99VØ		ZUTE2197Ø		ZUTE2196Ø		TWP51Ø		TWP182Ø	
100	67,00 €	100	67,00 €	100	55,00 €	100-110	36,00 €	100-110	29,00 €	060/100	52,00 €	060/100	53,00 €
125	69,00 €	125	69,00 €	125	56,00 €	125-135	43,00 €	125-135	41,00 €	080/125	53,00 €	080/125	55,00 €
150	74,00 €	150	73,00 €	150	61,00 €	150-165	52,00 €			100/150	71,00 €	100/150	72,00 €
160	75,00 €	160	74,00 €	160	63,00 €					110/160	83,00 €	110/160	84,00 €

- *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

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 for vertical installation of the condensate drain trap TWP1504A)

Storm collar

Locking band for outdoor installation for stabilization (optional)

Locking band with gasket for internal installation (Boiler room)

Gasket for inner pipe

TWP182VØ-Ø		TWP1504AØ		130-PP1510		KL72Ø		TWP45Ø		TW1490Ø		130-PP26Ø	
A 110/160	92,00 €	060/100	135,00 €	22,00 €		100	37,00 €	100	11,00 €	100	53,00 €	060	9,00 €
B 110/150		080/125	143,00 €	125	42,00 €	125	42,00 €	125	12,00 €	125	57,00 €	080	14,00 €
		100/150	174,00 €	150	44,00 €	150	44,00 €	150	14,00 €	150	65,00 €	100	15,00 €
		110/160	194,00 €	160	45,00 €	160	45,00 €	160	15,00 €	160	66,00 €	110	16,00 €

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

750GLEIOVT		TW1057Ø		ZUDA904-2000		ZUDA904-3000		ZUDA904-4000	
14,00 €		100	34,00 €	191,00 €		219,00 €		302,00 €	
		125	35,00 €						
		150	37,00 €						
		160	38,00 €						



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	206,00 €	125/190	293,00 €	125/190	211,00 €	125/190	156,00 €	125/190	138,00 €	125/190	247,00 €	190	64,00 €
160/230	264,00 €	160/230	373,00 €	160/230	245,00 €	160/230	181,00 €	160/230	156,00 €	160/230	319,00 €	230	67,00 €
200/265	333,00 €	200/265	473,00 €	200/265	310,00 €	200/265	219,00 €	200/265	174,00 €	200/265	393,00 €	265	71,00 €
250/315	414,00 €	250/315	592,00 €	250/315	428,00 €	250/315	245,00 €	250/315	228,00 €	250/315	473,00 €	315	78,00 €

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	105,00 €	315	119,00 €	190	119,00 €	315	135,00 €	190	163,00 €	315	176,00 €	190	119,00 €
230	109,00 €			230	124,00 €			230	167,00 €			230	121,00 €
265	112,00 €			265	128,00 €			265	171,00 €			265	124,00 €

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	143,00 €	125/190	181,00 €	125/190	181,00 €	125/190	181,00 €	125/190	289,00 €	125/190	356,00 €	125/190	138,00 €
		160/230	218,00 €	160/230	218,00 €	160/230	218,00 €	160/230	319,00 €	160/230	455,00 €	160/230	148,00 €
		200/265	283,00 €	200/265	283,00 €	200/265	283,00 €	200/265	363,00 €	200/265	536,00 €	200/265	156,00 €
		250/315	378,00 €	250/315	373,00 €	250/315	373,00 €	250/315	455,00 €	250/315	634,00 €	250/315	165,00 €

Base plate for chimney raise (without insert)

Flat flashing 0-5° with storm collar

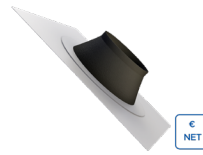
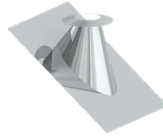
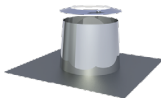
Flashing kit 6-32° with storm collar

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	149,00 €	190	142,00 €	190	510,00 €	190	510,00 €	180-195	59,00 €	125/190	228,00 €	190	52,00 €
160/230	204,00 €	230	166,00 €	230	555,00 €	230	555,00 €	230-245	75,00 €	160/230	272,00 €	230	56,00 €
200/265	240,00 €	265	204,00 €	265	670,00 €	265	670,00 €			200/265	423,00 €	265	57,00 €
250/315	279,00 €	315	229,00 €	315	763,00 €	315	763,00 €					315	69,00 €

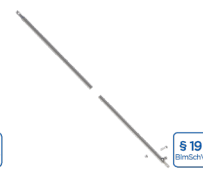
Air supply element, room-air dependent not concentric

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



TWP849Ø		TW1057Ø		ZUDA904-2000		ZUDA904-3000		ZUDA904-4000	
125/190	175,00 €	160	38,00 €	191,00 €	219,00 €	302,00 €			
160/230	219,00 €	190	41,00 €						
200/265	274,00 €	230	44,00 €						
250/315	356,00 €	265	48,00 €						



System TWIN-P

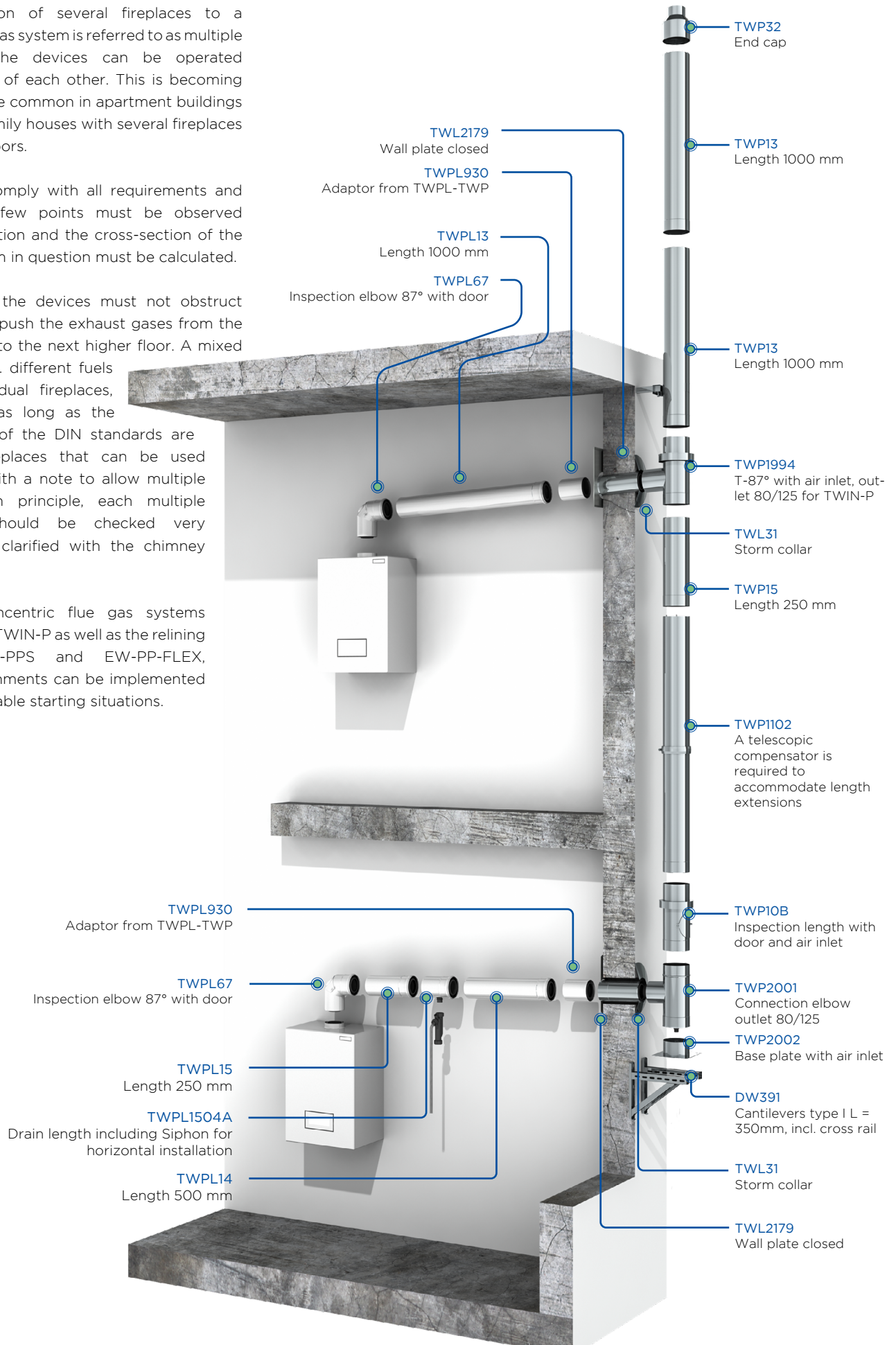
MULTIPLE OCCUPANCY / CASCADE

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.





System TWIN-P MULTIPLE OCCUPANCY / CASCADE

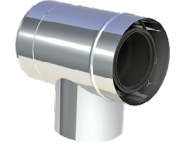
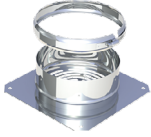
Base plate with air inlet

Connection elbow

T-87° with air inlet

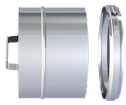
Telescopic compensator to accommodate linear expansions, required for offsets

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



TWP2002Ø		TWP2001Ø-Ø				TWP1994Ø-Ø				TWP1102Ø		TWP2194Ø	
080/125	137,00 €	A 080/125	365,00 €	A 160/230	525,00 €	A 080/125	329,00 €	A 160/230	610,00 €	080/125	206,00 €	125/190	433,00 €
100/150	140,00 €	B 080/125		B 080/125		B 080/125		B 080/125		100/150	252,00 €	160/230	474,00 €
110/160	152,00 €	A 100/150	394,00 €			A 100/150	394,00 €			110/160	271,00 €	200/265	575,00 €
125/190	168,00 €	B 080/125		B 080/125	A 110/160	435,00 €		B 080/125	435,00 €	125/190	281,00 €	160/230	331,00 €
160/230	173,00 €	A 110/160	435,00 €			A 110/160	435,00 €						
200/265	175,00 €	B 080/125		B 080/125	A 125/190	525,00 €		B 080/125	525,00 €				
250/315	205,00 €	A 125/190	471,00 €			A 125/190	525,00 €						
		B 080/125		B 080/125									

End cap with handle for cascade



TWP2368Ø	
125/190	281,00 €
160/230	294,00 €
200/265	341,00 €

TWIN-P