

Skoberne Flue systems

Product catalogue 2022



The Skoberne flue system

The components of the Skoberne flue system are made of high quality, flame-retardant polypropylene. They are characterised by their durability and resistance to the acid condensates and temperature fluctuations associated with condensing heater appliances. Thanks to our continuous product control and many years experience of development, Skoberne can offer a range of flue pipe sections and components that are optimised for frictional resistance. With the help of this sophisticated technology, our products achieve the best possible waste gas removal rates.

The socket joints and multi-lip EPDM seals ensure that our products can be rapidly assembled and disassembled and provide for efficient operation. As this is possible using standard tools, no special equipment is required for installation.

And, of course, the Skoberne system components are all stabilised against the effects of UV radiation at their stub ends.

Skoberne is a traditional supplier of OEM products and is able to provide components to meet individual customer specifications. Our system components all conform to the relevant pressure test classes ($P1 = 200 \text{ Pa}/H1 = 5000 \text{ Pa}$), an essential requirement if they are for example used with combined power and heat plants (CHP) as well as in gas-heat-pumps and fuel cells. Skoberne also has many years of experience of working in this sector.

On request, we can also supply separate Viton seals in place of our high quality, durable EPDM seals. The Viton fluoroelastomer is characterised by its extensive resistance to thermal and chemical factors.

The components of the Skoberne flue system conforms to the stipulations of EU standard EN 14471:2013+ A1:2015. You will find the corresponding declaration of performance in the system overview on page 48.

The Skoberne product range consists of:

- Single-wall flue sections in the nominal diameters 60, 80, 110, 125, 160, 200 and 250 mm
- Flexible flue sections in the nominal diameters 60, 80 and 110 mm
- Concentric flue sections in the nominal diameters 60/100, 80/125, 110/160 and 110/150 mm

The Skoberne flue system can be used with the following appliances:

- Oil- and gas-fired heater appliances with heat exchangers (max. waste gas temperature 120°C)
- Oil- and gas-fired condensing heater appliances (max. waste gas temperature 120°C)
- Cogeneration plants with a maximum feed pressure of 5000 Pa (max. waste gas temperature 120 °C)
- Open flue and balanced flue systems
- Positive and negative pressure boiler systems
- Wet and dry heater systems

Your advantages in overview:

- Made of polypropylene: durable and resistant to acid condensates and temperature fluctuations
- Best possible flow rates of waste gases thanks to optimally reduced frictional resistance
- UV radiation-resistant at stub ends
- Rapid assembly and disassembly thanks to socket joints and multi-lip EPDM seals
- No special tools required for installation
- Tested and approved in accordance with German standard EN 14471

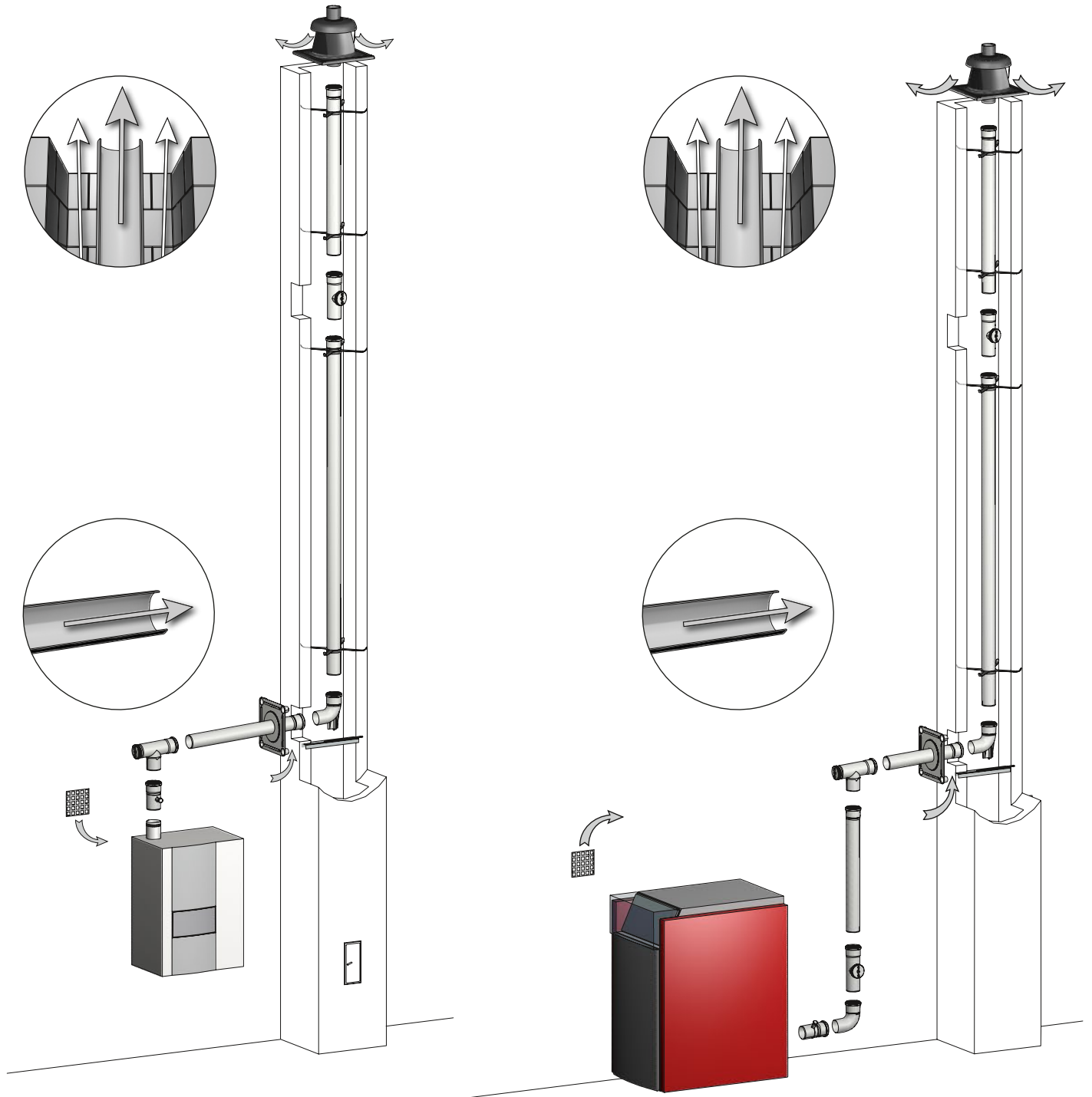
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Flue system, single-wall, rigid

1

Flue system, single-wall, rigid



Flue system, single-wall, rigid

Diameter in mm		D 60	D 80	D 110	D 125	D 160	D 200	D 250
Pipe with socket joint and seal								
	Length 500 mm	021214	020902	001151	000152	000202	000851	002408
	Length 500 mm, black	001723	028251					
	Length 1000 mm	021216	020903	001152	000154	000204	000852	002407
	Length 1000 mm, black	001722	028252					
	Length 2000 mm	021218	020905	001153	000156	000206	000853	002406
	Length 2000 mm, black	On request	028253					
Bracing bracket								
		001246	000662	000663	001805	002006	000871	002404
Bend with socket joint and seal								
	15°	021231	021916	000108	000158	000208	000854	
	15°, black	011741	028260					
	30°	021235	021917	000109	000159	000209	000855	
	30°, black	011742	028259					
	45°	021233	020908	000110	000160	000210	000856	002412
	45°, black	001720	028258					
	87°	021242	020911	000113	000163	000213	000857	002411
	87°, black	001721	028254					
Inspection piece with screw cap								
		021250	020915	000124	000179	000230	000861	002410
	black	011738	028256					

1

Flue system, single-wall, rigid

All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

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Flue system, single-wall, rigid

1

Flue system, single-wall, rigid

Durchmesser in mm		D 60	D 80	D 110	D 125	D 160	D 200	D 250
Shaft bend								
	D200/D250 with metal support, mounting height up to 50 m	021240	020913	000121	000166	000216	002241	002401
	ditto in black	011736	028255					
	Mounting height up to 30 m						000858	
Adapter for shaft bend								
		011791	028191	011628				New
Support								
	D 250: length 650 mm	000327						002402
Short bend set with short support rail								
	short support rail For installation in existing chimney flue pipes made of stainless steel or ceramic – perfect for refurbishment! short bend protective cover connection pipe (D80, 250 mm)		028170					New
Short bend set with standard support rail								
	standard support rail short bend protective cover connection pipe (D80, 250 mm)		028176					New
Abgasmessung								
		021239	020914	000123	000168	000218	000859	On request
	black	On request	028261					

Flue system, single-wall, rigid

Diameter in mm		D 60	D 80	D 110	D 125	D 160	D 200	D 250
Inspection T-piece								
		021249	020916					
	black	011740	028262					
Inspection bend								
	87°			001600	001800	002001	000864	002419
Ventilation cover								
	300 x 300 mm	001705	000918	000122	000167	000222	000876	002405
	D 200 : 400 x 400 mm							
Basic package								
	Plastic shaft cover Bracing brackets (x5) Shaft bend Support Lubricant Documentation D110 without terminal end pipe	001707	028017	001648				
	ditto in black	011743	028287					
	Metal shaft cover Bracing brackets (x5) Shaft bend Support Lubricant Documentation From D125 without terminal end pipe *Mounting height up to 30 m	011708	028121	001684	001803	002060	002230*	002433

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1

Flue system, single-wall, rigid

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Flue system, single-wall, rigid

1

Flue system, single-wall, rigid

Diameter in mm		D 60	D 80	D 110	D 125	D 160	D 200	D 250
Shaft cover, plastic								
	H 200 mm L 350 x 350 mm	001708	028001	001608				
	D110 without terminal end pipe							
Shaft cover, stainless steel, coated, with terminal end pipe, stainless steel								
	H 200 mm L 350 x 350 mm	001760	028090	002601				
Shaft cover, metal, aluminium								
	H 270 mm L 350 x 350 mm				001804	002004	002204	002403*
	* D 250 with end pipe							
Twin shaft cover with terminal end pipes, stainless steel								
	80/80		028148					
	60/80	028157						
	60/60	011756						
Set of plastic spacers for twin shaft cover with Ø								
	80/80		028163					
	60/80	028162						
	60/60	011757						

Flue system, single-wall, rigid

Diameter in mm		D 60	D 80	D 110	D 125	D 160	D 200	D 250
Terminal end pipe, stainless steel								
	1000 mm	001767	028081	002605	001852	002052	002255	
Terminal end pipe, extension, stainless steel								
	380 mm	001762	028089	002602				
Soot door stainless steel or galvanized								
	stainless steel, 120 x 180 mm, square lock incl. key				010182			
	galvanized, 120 x 180 mm, square lock incl. key				010184			
	square socket key, 7 mm stainless steel (replacement)				010183			
	square socket key, 7 mm galvanized (replacement)				010185			

1

Flue system, single-wall, rigid


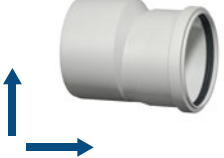


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Flue system, single-wall, rigid

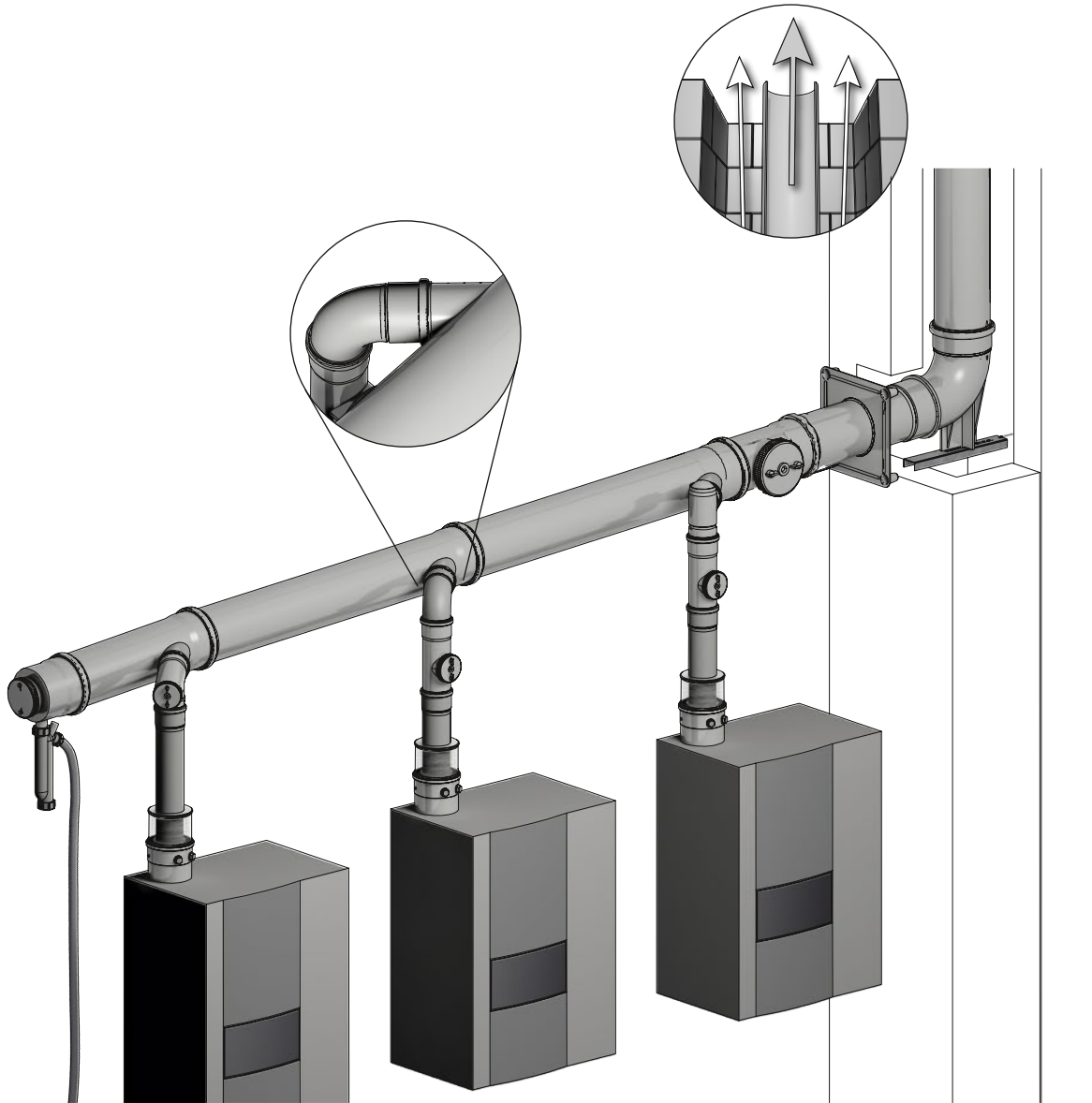
1

Flue system, single-wall, rigid

Diameter in mm		D 60	D 80	D 110	D 125	D 160	D 200	D 250
Symmetric adapter section (reduction)								
Can be installed horizontally or vertically 	D 80 / 60		021256					
	D 80 / 75		000580					
	D 110 / 80			000956				
Eccentric adapter section (reduction)								
Can be installed horizontally or vertically 	D 110 / 80			001183				
	D 125 / 110				000172			
	D 150 / 125					001873		
	D 160 / 110					000223		
	D 160 / 125					000221		
	D 200 / 160						001179	
	D 250 / 200							002400
Symmetric adapter section (expander)								
Installation vertical only! 	D 60 / 80		020933					
	D 75 / 80		020949					
	D 80 / 110			001932				
	D 100 / 110			000048				
	D 150 / 160					000429		
Eccentric adapter section (expander)								
Can be installed horizontally or vertically 	D 60 / 75	001255						
	D 60 / 80	001714						
	D 80 / 110		000140					
	D 110 / 125			000174				
	D 110 / 160			000473				
	D 125 / 160				000330			
	D 160 / 200					002030		
	D 200 / 250						002418	

Note: The arrows indicate the flow direction of waste gases!
 Other reduction and expander sections available on request

Cascade flue systems (open flue)





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Cascade flue systems (open flue)


2

Cascade flue systems (open flue)

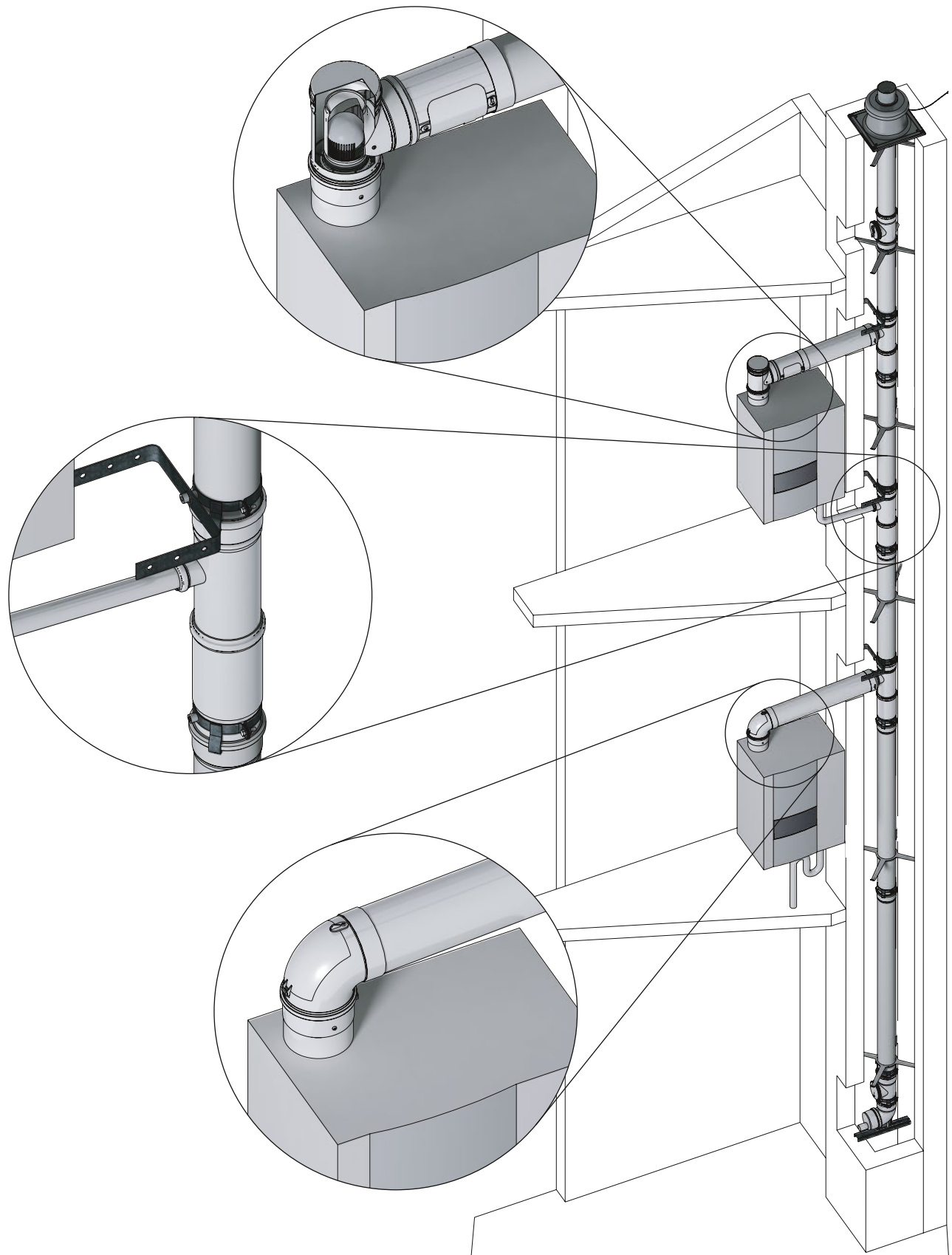
Waste gas manifold, diameter in mm		D 110	D 125	D 125	D 160	D 160	D 200	D 250
Boiler connection, diameter in mm		D 80	D 80	D 110	D 80	D 110	D 110	D 110
Cascade flue manifold								
	Component length approx. 1000 mm Other versions available on request	000678	000677	000676	000675	000674	002216	002415
Closure with inspection piece and condensate drain								
	Drain D 32	001173	001801	001801	000595	000595	000899	002417
Siphon and hose 1 m								
	Water trap, depth 150 mm	010073						
	Water trap, depth 200 mm	010156						
	Hose section 2.5 m for siphon 200 mm WS	010157						
Non-return valve								
	Install only if use approved by boiler manufacturer. It is otherwise advisable to employ a negative pressure concept without non-return valve	020878	020878	000879	020878	000879	000879	000879

3

Y-piece to divide into two flue systems (open flue)

Waste gas outlet, diameter in mm		D 80	D 110	D 125	D 160	D 160
Waste gas inlet, diameter in mm		D 80	D 110	D 125	D 160	D 200
Y-piece						
		020975	001651	001851	002051	002251
	Other versions available on request					

Communal flues (balanced flue)



All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

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Communal flues (balanced flue)

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Communal flues (balanced flue)

4

Communal flues (balanced flue)

Diameter in mm		D 110	D 125	D 160
Communal flue system, boiler connection				
	Boiler connection D 80	005610	005630	005635
Communal flue system, boiler connection (floor unit, rigid)				
		005678		New
Communal flue system, boiler connection (floor unit, flexible)				
		005679		New
Communal flue system, condensate drain				
	Condensate drain D 40	005612	005631	005636
Communal flue system, fixation bracket				
		005613	005632	005637

Communal flues (balanced flue)

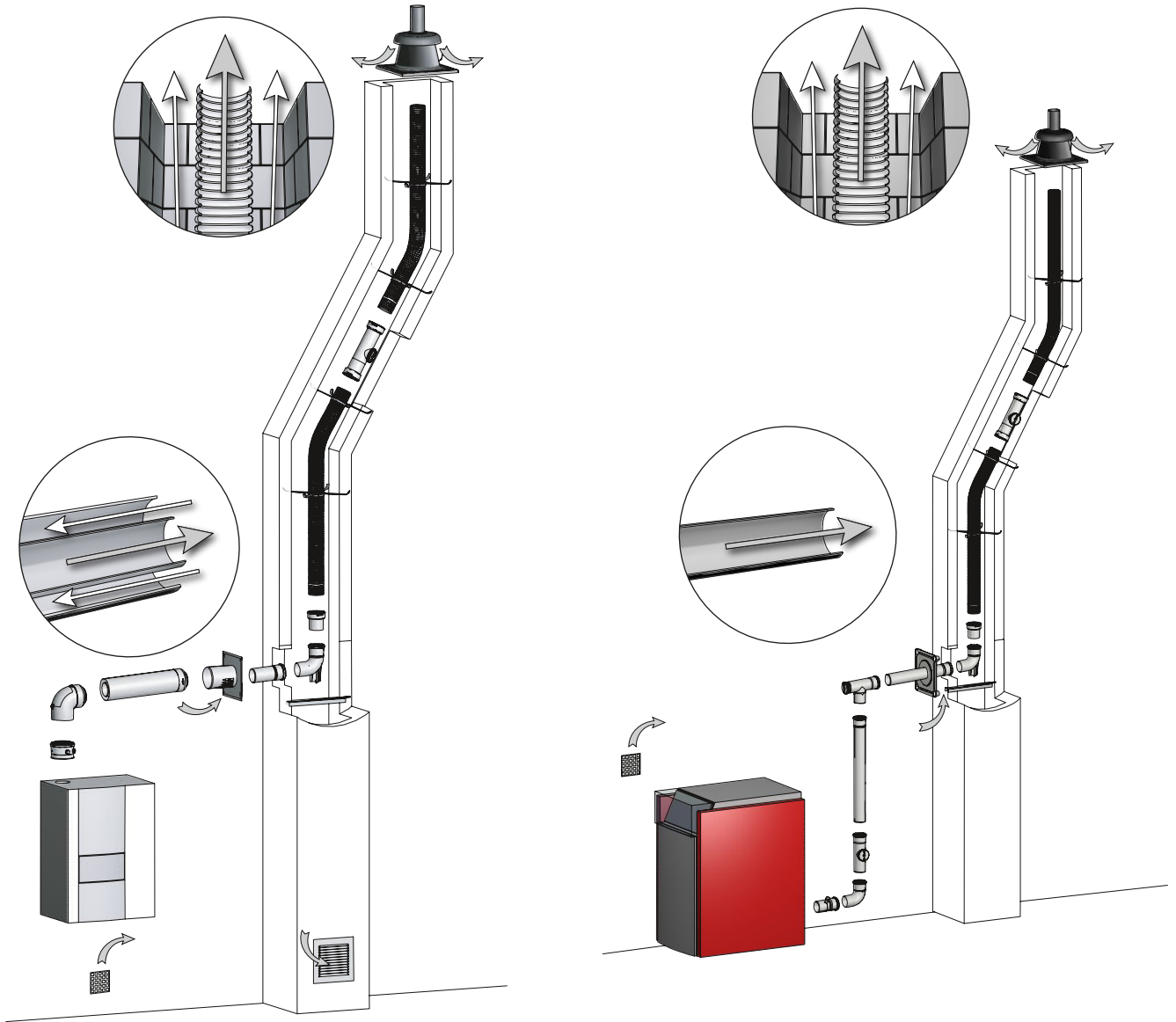
Diameter in mm		D 110	D 125	D 160
Locking clamp				
		011618		
Communal flue system, socket support				
	Condensate drain D 40	005614	005633	005638
Concentric non-return valve				
	Concentric 80/125, RAL 9010 Install only if use approved by boiler manufacturer. It is otherwise advisable to employ a negative pressure concept without non-return valve. Alternatively application with motor-driven non-return valve. Suitable without certification of the boiler manufacturer.	000672		
Communal flue system, closure cap for PP flue systems				
	Universal closure for boiler connection D 80	005617		
	Universal closure for boiler connection D 110	011617		
Communal flue system, air inlet closure cap, aluminium				
	Universal closure for boiler connection D 125	001074		

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Flue system, single-wall, flexible

5

Flue system, single-wall, flexible



Flue system, single-wall, flexible

Diameter in mm	D 60	D 80	D 110	
Basic package, plastic shaft cover				
	Plastic shaft cover Bracing brackets (x5) Shaft bend Support Lubricant Documentation	015801	015811	015821
Basic package, metal shaft cover				
	Metal shaft cover Stub adapter; flexible to rigid Bracing brackets (x5) Shaft bend Support Lubricant, documentation For double shaft systems in which there is a risk of chimney fire	015800	015840	015860
Short bend set, flexible, with standard support rail				
	standard support rail short bend protective cover connection pipe (D80, 250 mm)		015895	New
Cover with integrated shaft bend for flex-pipe 45°				
	Shaft bend complete with cover and adapter	015849	015843	
Cover with integrated shaft bend for flex-pipe 87°				
	Shaft bend complete with cover and adapter	015848	015842	

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5

Flue system, single-wall, flexible

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Flue system, single-wall, flexible

5

Flue system, single-wall, flexible

Diameter in mm		D 60	D 80	D 110
Flexible flue				
	12.5 linear metres	005811	005841	
	15.0 linear metres			005872
	25.0 linear metres	005813	005843	005873
Bracing bracket for flexible flue				
	5 units per pack	005802	005832	005862
Inspection piece				
		015802	015812	015822
Fixing bracket				
	Fixing bracket for inspection pipe	015818	015828	015867
Pull-in tool				
		005805	005835	005865
Rope for pull-in tool				
	25 m	005890		

Flue system, single-wall, flexible

Diameter in mm		D 60	D 80	D 110
Shaft cover, plastic				
	H 200 mm L 350 x 350 mm	015891	015892	015893
Shaft cover, stainless steel, coated, with terminal end pipe, stainless steel				
	H 200 mm L 350 x 350 mm	001760	028090	002601
Stub adapter; flexible to rigid				
	For metal shaft covers or extension sections	015808	015838	015868
Coupling piece				
	To connect flexible flue pipes	015803	015813	015823
Adapter				
		015806	015816	015826
Adapter, flexible, for shaft bend				
		015805	015815	015825

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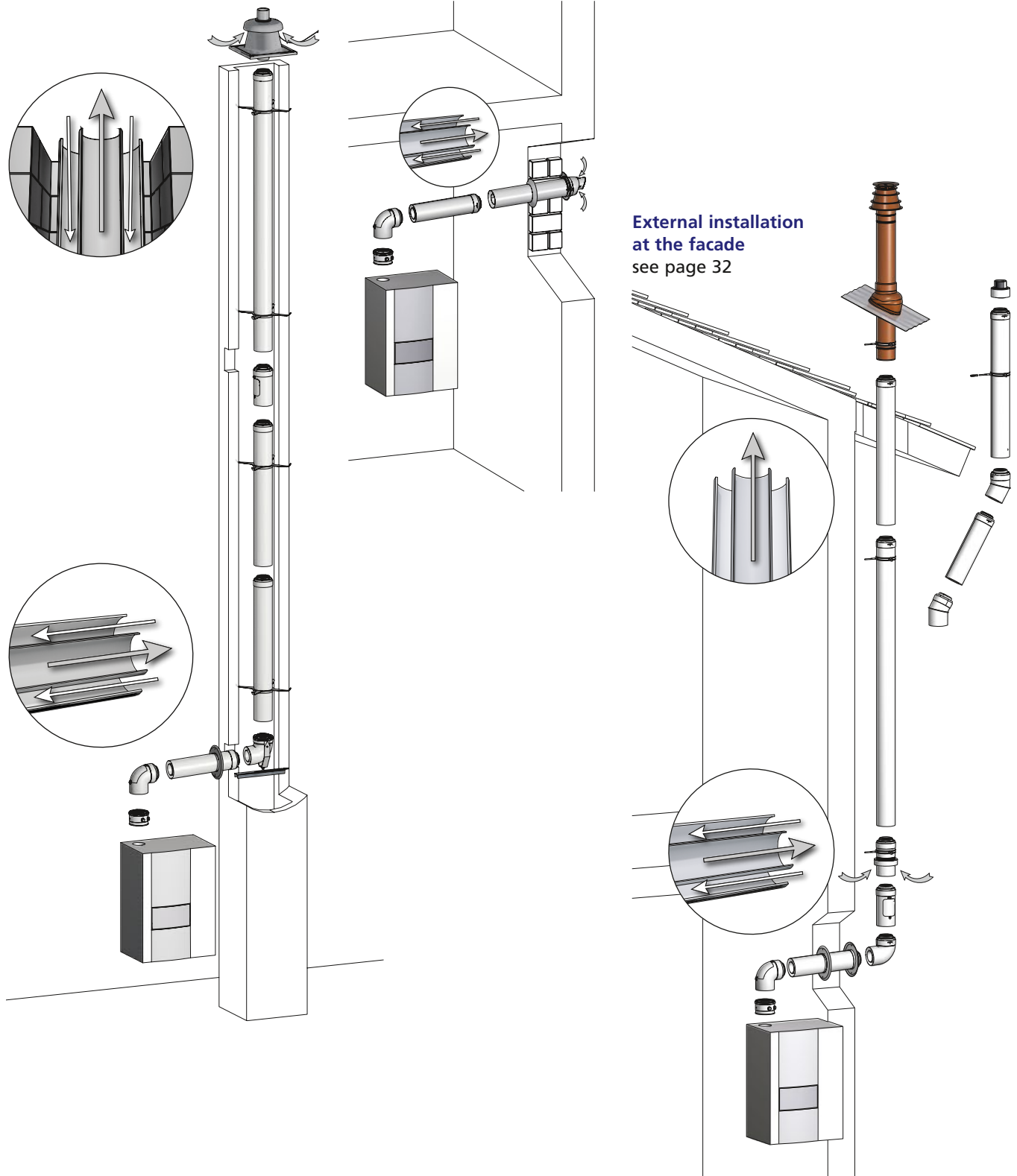
Flue system, concentric 60/100, 80/125, 110/160 for internal and external installation

Shaft system, concentric






Connecting pipe with lateral outlet






6

Flue system, concentric 60/100, 80/125, 110/160
For internal and external installation



Flue system, concentric 60/100, 80/125, 110/160 for internal and external installation

Diameter in mm		D 60/100	D 80/125
Pipe with ConneXt socket joint			
	250 mm	011734	028154
	500 mm	001732	028057
	1000 mm	001731	028056
	2000 mm	001730	028055
Bend with ConneXt socket joint			
	15° RAL 9016	011733	028149
	30°	001738	028060
	45°	001737	028059
	87°	001736	028058
Inspection piece with ConneXt socket joint			
	D 80/125: Version with hinged lid	001735	028092
Inspection bend with ConneXt socket joint			
	87°	001743	028093
T-piece adapted with ConneXt socket joint			
	Adapted 60/100 – 80/125	028135	
	Adapted 80/125 – 110/160		002182

Diameter in mm		D 110/160
Pipe with ConneXt socket joint		
	500 mm	002110
	1000 mm	002111
Bend with ConneXt socket joint		
	15°	002131
	30°	002130
	45°	002114
	87°	002113
Inspection piece with ConneXt socket joint		
		002116
Inspection T-piece with ConneXt socket joint		
		002117
T-piece adapted with ConneXt socket joint		
	Adapted 110/150 – 110/160	002184

All prices are quoted in Euros per unit (excluding VAT at the applicable rate)


Flue system, concentric 60/100, 80/125, 110/160 for internal and external installation

6

Flue system, concentric 60/100, 80/125, 110/160
For internal and external installation





Diameter in mm		D 60/100	D 80/125
Wall mounting cover			
		001282	000944
Wall mounting cover, split version			
		001270	028064
Wall terminal			
		021280	028104
Adjustable pipe			
		001704	020929
Shaft bend			
	RAL 9016 With support	001719	028016
Bracing bracket			
		001700	001805
Fixing bracket PP			
	RAL 9016 (4 pieces)	011787	001884

New




Diameter in mm		D 110/160
Wall mounting cover		
		002119
Wall mounting cover, split version		
		002129
Adjustable pipe		
		002144
Shaft bend		
	RAL 9016 With support and welded foot	002142
Bracing bracket		
		002006
Fixing bracket PP		
	RAL 9016 (4 pieces)	002186

New

Flue system, concentric 60/100, 80/125, 110/160 for internal and external installation

Diameter in mm		D 60/100	D 80/125
Fixing bracket, standard			
		001703	600045
Boiler connection/measuring piece			
	RAL 9016 measuring points with closure caps Other versions available on request	001269	020931
Condensate drain			
	RAL 9016 With hose and siphon	001766	000932
Room air inlet cover and air inlet grille			
	Room air inlet cover	001283	028063
	Air inlet grille H 300 mm B 250 mm	010021	

Note: The arrows indicate the flow direction of waste gases!

Diameter in mm		D 110/160	
Fixing bracket, standard			
		002118	
Boiler connection/measuring piece			
	RAL 9016 measuring points with closure caps	002115	
Condensate drain			
	RAL 9016 With hose and siphon	002135	

6

Flue system, concentric 60/100, 80/125, 110/160
For internal and external installation

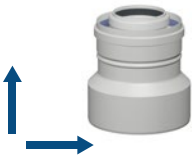
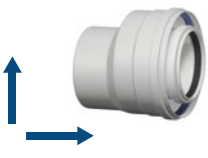
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Flue system, concentric 60/100, 80/125, 110/160 for internal and external installation

6






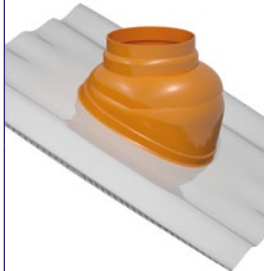
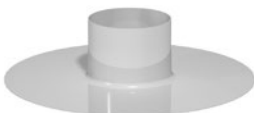
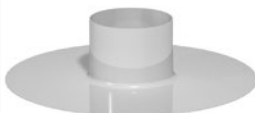
Flue system, concentric 60/100, 80/125, 110/160
For internal and external installation

Diameter in mm		
Symmetric adapter section (reduction)		
Can be installed horizontally or vertically	80/125 – 60/100	021270
	100/150 – 80/125	001320
	110/150 – 80/125	001322
	110/160 – 110/150	001321
		
Eccentric adapter section (expander)		
Can be installed horizontally or vertically	60/100 – 80/125	001304
	80/125 – 110/160	002173
	80/125 – 110/150	001441
		

Note: The arrows indicate the flow direction of waste gases!
Other reduction and expander sections available on request.

Diameter in mm		
Symmetric adapter section (expander)		
Installation – vertical only!	60/100 – 80/125	001298
	80/125 – 110/150	001305
	80/125 – 110/160	002146
	100/150 – 110/150	001433
	100/150 – 110/160	002147
		
Symmetric adapter section (expander)		
Can be installed horizontally or vertically	110/150 – 110/160	002145
		

Flue system, concentric 60/100, 80/125, 110/160 for internal and external installation

Diameter in mm		D 60/100	D 80/125	Diameter in mm		D 60/100	D 80/125
Roof terminal				Roof terminal			
	black RAL 9005	021276	020950		black RAL 9005	011750	028126
	red RAL 8023	021278	020951		red RAL 8023	011751	028127
Roof terminal extension				Roof terminal extension			
	500 mm black RAL 9005	001920			500 mm black RAL 9005	011753	028129
	500 mm red RAL 8023	001921			500 mm red RAL 8023	011755	028131
	1000 mm black RAL 9005	001922			1000 mm black RAL 9005	011752	028128
	1000 mm red RAL 8023	001923			1000 mm red RAL 8023	011754	028130
Adjustable tile				Adjustable tile			
	25 – 45° black RAL 9005	000436			25 – 45° black RAL 9005	028132	
	25 – 45° red RAL 8023	000388			25 – 45° red RAL 8023	028133	
	Other tile angles available on request				Other tile angles available on request		
Flashing for flat roof				Flashing for flat roof			
	Also available with 250 mm elevation	000242			Also available with 250 mm elevation	000242	

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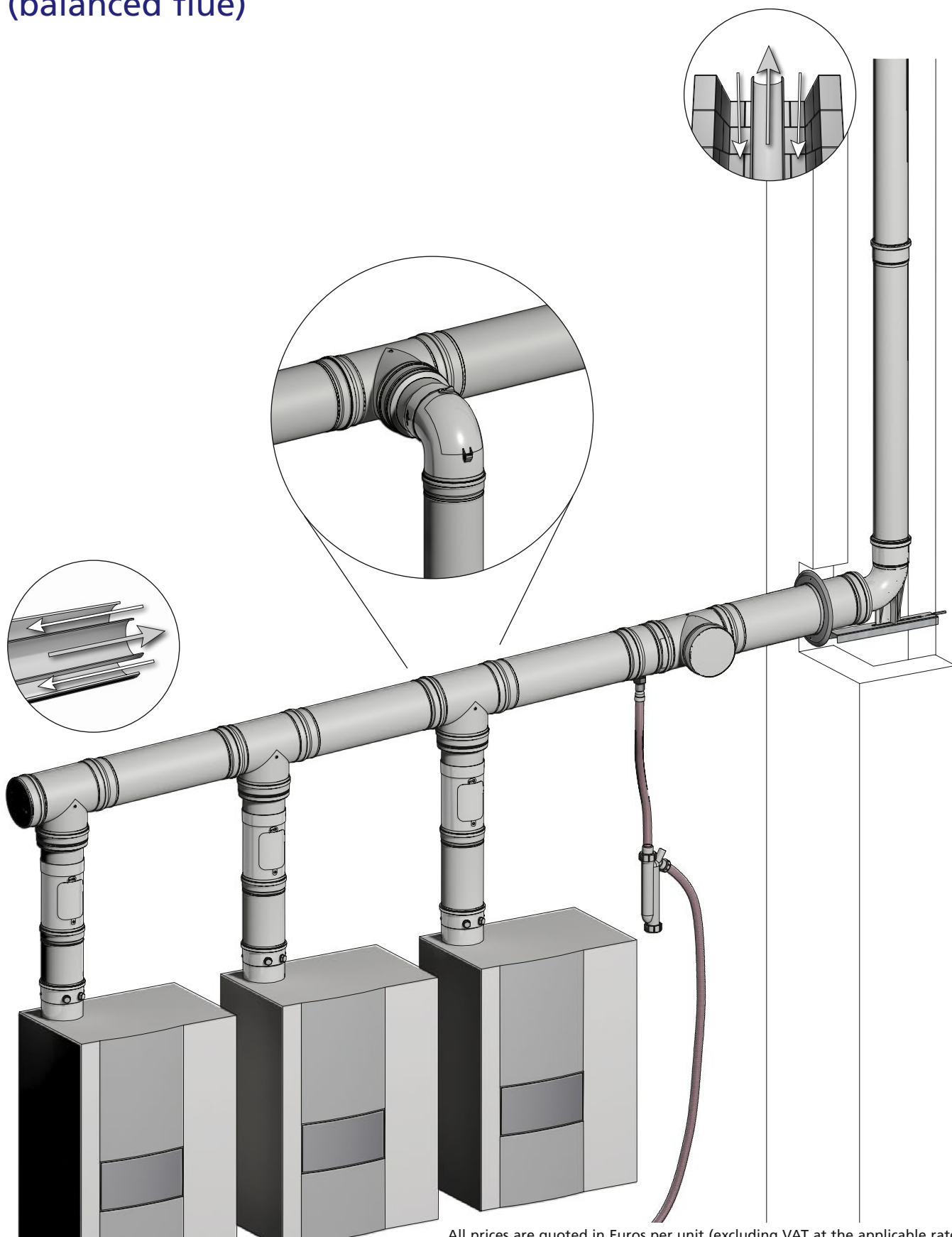
Flue system, concentric 60/100, 80/125, 110/160 for internal and external installation

6

Flue system, concentric 60/100, 80/125, 110/160
For internal and external installation

Diameter in mm		D 110/160
Roof terminal		
	black RAL 9005	002137
	red RAL 8023	002138
Roof terminal extension		
	500 mm black RAL 9005	002139
	500 mm red RAL 8023	002140
Adjustable tile		
	25 – 45° black RAL 9005	000309
	25 – 45° red RAL 8023	000389
	Other tile angles available on request	
Flashing for flat roof		
	Also available with 250 mm elevation	000322

Flue system, concentric 80/125, 110/160 cascade (balanced flue)



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7
Flue system, concentric 80/125, 110/160 cascade
(balanced flue)






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Flue system, concentric 80/125, 110/160 cascade (balanced flue)





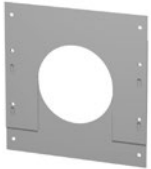



7

 Flue system, concentric 80/125, 110/160 cascade
(balanced flue)

Diameter in mm		D 80/125
Pipe with ConneXt socket joint		
	250 mm	028154
	500 mm	028057
	1000 mm	028056
	2000 mm	028055
Bend with ConneXt socket joint		
	15° RAL 9016	028149
	30°	028060
	45°	028059
	87°	028058
Inspection piece with ConneXt socket joint		
	Version with hinged lid	028092
Inspection bend with ConneXt socket joint		
	87° Version with hinged lid	028093
Symmetric adapter section (expander)		
 ↑	Installation - vertical only!	60/100 – 80/125
		001298

Diameter in mm		D 110/160
Pipe with ConneXt socket joint		
	500 mm	002110
	1000 mm	002111
Bend with ConneXt socket joint		
	15°	002131
	30°	002130
	45°	002114
	87°	002113
Inspection piece with ConneXt socket joint		
	Design with round cap	002116
Inspection T-piece with ConneXt socket joint		
	Design with round cap	002117
Symmetric adapter section (expander)		
 ↑	Installation - vertical only!	80/125 – 110/160
		002146

Flue system, concentric 80/125, 110/160 cascade (balanced flue)

Diameter in mm		D 80/125	Diameter in mm		D 110/160
Connection piece with ConneXt sleeve			Connection piece with ConneXt sleeve		
		000977			002159
Wall mounting cover			Wall mounting cover		
		000944			002119
Wall mounting cover, split version			Wall mounting cover, split version		
		028064			002129
Condensate drain			Condensate drain		
	RAL 9016 With hose and siphon	000932		RAL 9016 With hose and siphon	002135

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Flue system, concentric 80/125, 110/160 cascade
(balanced flue)




All prices are quoted in Euros per unit (excluding VAT at the applicable rate)





DOK100.11ENPL_10/2022

System chimney concentric 110/160 communal flue system (CFS) for external installation at the facade



System chimney concentric 110/160 communal flue system (CFS) for external installation at the facade

Diameter in mm		D 110/160
External wall stub		
		002141
Pipe with ConneXt socket joint		
	500 mm	002110
	1.000 mm	002111
Inspection piece with ConneXt socket joint		
		002116

Diameter in mm		D 110/160
Communal flue, external installation, floor kit with connext sleeve		
	AW T-Piece AW external air inlet piece Concentric wall mounting cover	002176
Communal flue, external installation, basis kit with connext sleeve		
	AW T-Piece Wall bracket Concentric wall mounting cover	002175
Wall fixing bracket, adjustable		
		002134
Extension for wall fixing bracket, adjustable		
		001327

System chimney concentric 110/160 communal flue system (CFS)
For external installation at the facade

All prices are quoted in Euros per unit (excluding VAT at the applicable rate)






DOK100.11ENPL_10/2022

Flue system, concentric 60/100, 80/125, 110/160 for external installation at the facade

External installation at the facade with connecting pipe



Flue system, concentric 60/100, 80/125, 110/160 for external installation at the facade

Diameter in mm		D 60/100	D 80/125
Pipe with ConneXt socket joint			
	250 mm	011734	028154
	500 mm	001732	028057
	1000 mm	001731	028056
	2000 mm	001730	028055
Bend with ConneXt socket joint			
	15° RAL 9016	011733	028149
	30°	001738	028060
	45°	001737	028059
	87°	001736	028058
Inspection piece with ConneXt socket joint			
	D 80/125: Version with hinged lid	001735	028092
Inspection bend with ConneXt socket joint			
	87°	001743	028093
Adjustable pipe			
		001704	020929

Diameter in mm		D 110/160	
Pipe with ConneXt socket joint			
	500 mm	002110	
	1000 mm	002111	
Bend with ConneXt socket joint			
	15°	002131	
	30°	002130	
	45°	002114	
	87°	002113	
Inspection piece with ConneXt socket joint			
		002116	
Adjustable pipe			
		002144	







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Flue system, concentric 60/100, 80/125, 110/160
For external installation at the facade

All prices are quoted in Euros per unit (excluding VAT at the applicable rate)




DOK100.11ENPL_10/2022

Flue system, concentric 60/100, 80/125, 110/160 for external installation at the facade



Diameter in mm		D 60/100	D 80/125
Wall mounting cover			
		001282	000944
Wall mounting cover, split version			
		001270	028064
External wall stub			
		001739	028050
External wall air inlet			
		001740	028061
Wall fixing bracket, adjustable			
	Axial distance 106 mm – 160 mm	001768	600107
Extension for wall fixing bracket, adjustable			
	Axial distance 106 mm – 320 mm	600109	600109

Diameter in mm		D 110/160
Wall mounting cover		
		002119
Wall mounting cover, split version		
		002129
External wall stub		
		002141
External wall air inlet		
		002143
Wall fixing bracket, adjustable		
	Axial distance 134 mm – 185 mm	002134
Extension for wall fixing bracket, adjustable		
	Axial distance 134 mm – 365 mm	001327

Flue system, concentric 60/100, 80/125, 110/160 for external installation at the facade

Diameter in mm		D 60/100	D 80/125
Boiler connection/measuring piece			
	RAL 9016 measuring points with closure caps Other versions available on request	001269	020931
Condensate drain			
	RAL 9016 With hose and siphon	001766	000932
Room air inlet cover and air inlet grille			
	Room air inlet cover	001283	028063
	Air inlet grille H 300 mm B 250 mm	010021	

Note: The arrows indicate the flow direction of waste gases!

Diameter in mm		D 110/160
Boiler connection/measuring piece		
	RAL 9016 measuring points with closure caps	002115
Condensate drain		
	RAL 9016 With hose and siphon	002135

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Flue system, concentric 60/100, 80/125, 110/160
For external installation at the facade

All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

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Flue system, concentric PPs/stainless steel for external installation at the facade

System D 60/100 + 80/125

System D 110/160

Optional for offset/displacement:
Bend 15°, 30° and 45°, if required they may stiffened or stabilized with clamp bands.

Optional also with roof terminal (pitched roof or flat roof)

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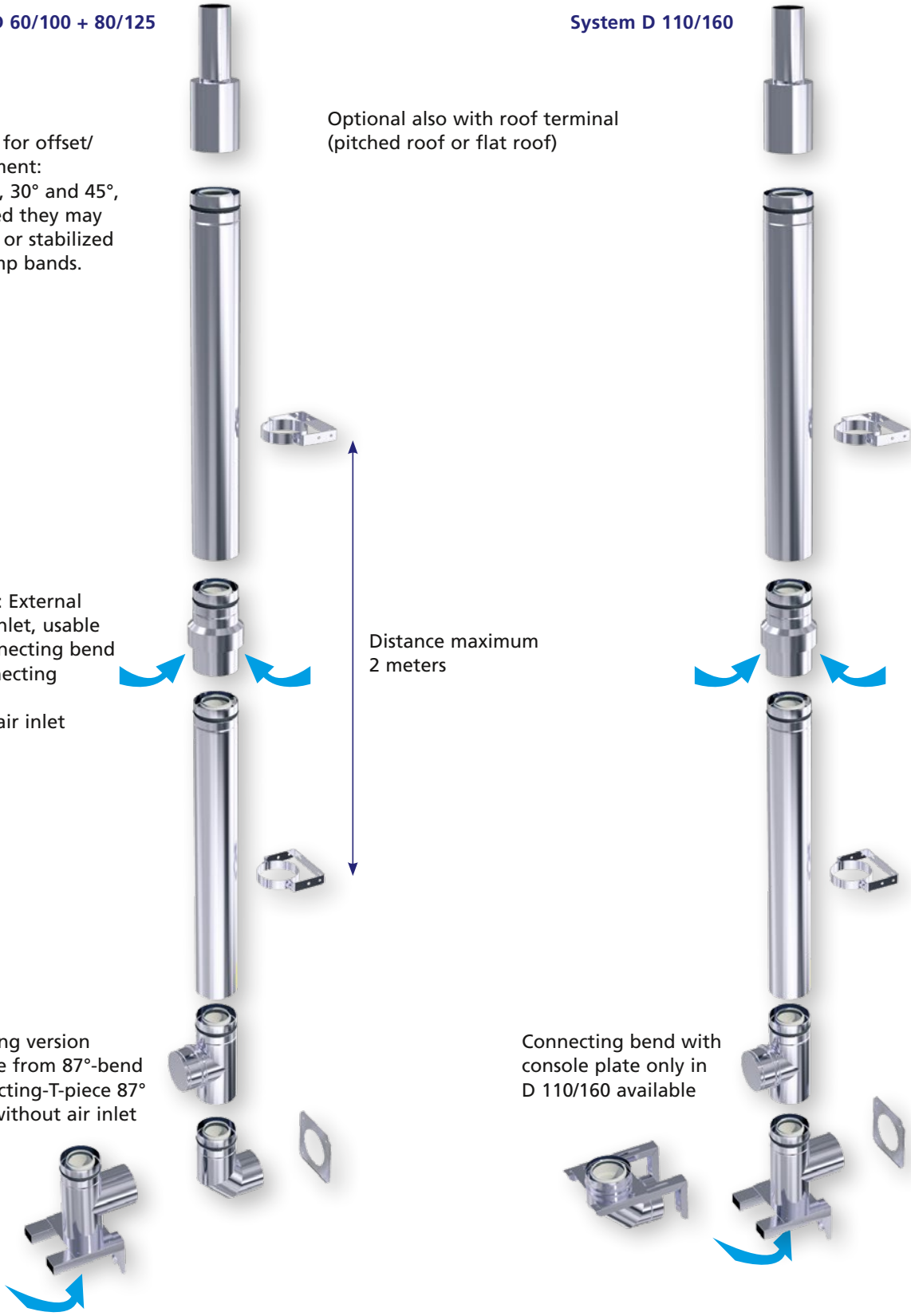
Flue system, concentric PPs/stainless steel
For external installation at the facade

Optional: External wall air inlet, usable with connecting bend and connecting T-piece without air inlet

Distance maximum 2 meters

Connecting version selectable from 87°-bend or connecting-T-piece 87° with or without air inlet


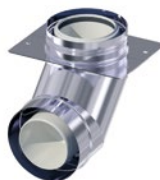
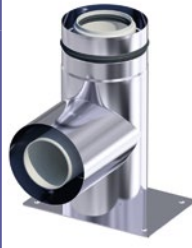




Connecting bend with console plate only in D 110/160 available



Flue system, concentric PPs/stainless steel for external installation at the facade

Diameter in mm		D 60/100	D 80/125	D 110/160
External wall stub, PPs/stainless steel				
		011771	028414	002621
Concentric pipe, PPs/stainless steel				
	500 mm	011762	028403	002612
	1000 mm	011763	028404	002613
External wall air inlet, PPs/stainless steel				
		011761	028402	002611
Concentric inspection piece, PPs/stainless steel				
		011764	028405	002614
Wall fixing bracket, stainless steel				
	Axial distance: 115 mm, Wall distance: 50 mm	011768	028410	002618
Extension for wall fixing bracket, adjustable, stainless steel				
	Axial distance: 135–217 mm, Wall distance: 145 mm	028411		

*Also available without air intake

Diameter in mm		D 60/100	D 80/125	D 110/160
Concentric bend, PPs/stainless steel (on request)				
	30°	011767	028408	002617
	45°	011766	028407	002616
	87°	011765	028406	
Connecting bend 87° without air inlet PP/stainless steel				
	D110/160	002615		
Connection T-bend with external air inlet, PPs/stainless steel*				
	Air inlet underneath bend/ T-piece	011760	028401	002610
Wall bracket for connection T-bend, stainless steel				
	Wall distance: 205/180/145 mm (D 100/125/160)	028409		
Wall cover, stainless steel				
		011770	028413	002620
Wall cover, split version, stainless steel				
		011769	028412	002619
Clamp fitting				
	Ø100 / Ø125 / Ø160	011774	028417	002626







All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

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Flue system, concentric PPs/stainless steel
For external installation at the facade

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Flue system, concentric PPs/stainless steel for external installation at the facade

Diameter in mm		D 60/100	D 80/125	D 110/160
Supplementary console PPs/stainless steel				
			028427	002631
Wall bracket for connecting bend/connecting T-Piece, stainless steel				
	L=720mm Wall distance: 570 mm (D 100) 610 mm (D 125) 580 mm (D 160)		028418	
	L=620 mm Wall distance: 440 mm (D 100) 480 mm (D 125) 440 mm (D 160)		028419	
Extension for wall fixing bracket, adjustable, stainless steel				
	L=136 mm Wall distance: 55-99 mm (D 100) 58-98 mm (D 125) 58-98 mm (D 160)		028420	
	L=180 mm Wall distance: 69-109-155 mm (D 100) 68-108-153 mm (D 125) 68-108-153 mm (D 160)		028421	
	L=245 mm Wall distance: 77-230 mm (D 100) 76-228 mm (D 125) 76-228 mm (D 160)		028422	
Extension for wall fixing bracket, adjustable, stainless steel (special length)				
	L=550 mm Wall distance: 72-540mm (D 100/125/160)		028424	
	L=750 mm Wall distance: 72-705 mm (D 100/125/160)		028423	
Adapter for roof terminal, PPs/stainless steel				
		011773	028416	002624
Adapter PP/stainless steel system change (ConneXt 110/160)				
	Concentric adapter PP/stainless steel 110/161-110/160 ConneXt		002625	

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Flue system, concentric PPs/stainless steel
For external installation at the facade

Flue system, concentric PPs/stainless steel communal flue system (CFS) for external installation at the facade



All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

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Flue system, concentric PPs/stainless steel communal flue system (CFS) for external installation at the facade






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Flue system, concentric PPs/stainless steel communal flue system (CFS) for external installation at the facade

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Flue system, concentric PPs/stainless steel communal flue system (CFS) for external installation at the facade

Diameter in mm		D 110/160
External wall stub, PPs/stainless steel		
		002621
Concentric pipe, PPs/stainless steel		
	500 mm	002612
	1000 mm	002613
External wall air inlet, PPs/stainless steel		
		002611
Concentric inspection piece, PPs/stainless steel		
		002614
Wall fixing bracket, stainless steel		
	Axial distance: 115 mm, Wall distance: 50 mm	002618
Extension for wall fixing bracket, adjustable, stainless steel		
	Axial distance: 135–217 mm, Wall distance: 145 mm	028411

Diameter in mm		D 110/160
CFS floor connection kit PPs/stainless steel		
		002628
Concentric bend, PPs/stainless steel (on request)		
	30°	002617
	45°	002616
Connecting bend 87° without air inlet PP/stainless steel		
	D110/160	002615
Connection T-bend with external air inlet, PPs/stainless steel*		
	Air inlet underneath bend/ T-piece	002610
Wall bracket for connection T-bend, stainless steel		
	Wall distance: 145 mm	028409

*Also available without air intake

Flue system, concentric PPs/stainless steel communal flue system (CFS) for external installation at the facade

Diameter in mm		D 110/160
Wall cover, stainless steel		
		002620
Wall cover, split version, stainless steel		
		002619
Clamp fitting		
	Ø160	002626
Supplementary console PPs/stainless steel		
		002631
Wall bracket for connecting bend/connecting T-Piece, stainless steel		
	L=720mm Wall distance: 580 mm	028418
	L=620 mm Wall distance: 440 mm	028419
Extension for wall fixing bracket, adjustable, stainless steel		
	L=136 mm Wall distance: 58-98 mm	028420
	L=180 mm Wall distance: 68-108-153 mm	028421
	L=245 mm Wall distance: 76-228 mm	028422

Diameter in mm		D 110/160
Extension for wall fixing bracket, adjustable, stainless steel (special length)		
	L=550 mm Wall distance: 72-540mm	028424
	L=750 mm Wall distance: 72-705 mm	028423
Adapter for roof terminal, PPs/stainless steel		
		002624
Adapter PP/stainless steel system change (ConneXt 110/160)		
	Adapter PP/stainless steel 110/161-110/160 ConneXt	002625







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Flue system, concentric PPs/stainless steel communal flue system (CFS) for external installation at the facade

DOK100.11ENPL_10/2022

All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

Flue system, concentric 110/150 for internal and external installation at the facade

Internal installation		D 110/150
Pipe with concentric socket joint		
	500 mm	001401
	1000 mm	001402
	2000 mm	001403
Bend with concentric socket joint		
	30°	001405
	45°	001406
	90°	001407
Inspection piece with concentric socket joint		
		001408
Inspection T-piece with concentric socket joint		
		001409
Adjustable pipe		
		001415
Boiler connection/measuring piece		
	RAL 9016 Measuring points with closure caps	001432

External installation		D 110/150
Pipe with concentric socket joint (opposed sockets)		
	500 mm	001424
	1000 mm	001425
	2000 mm	001426
Bend with concentric socket joint		
	45°	001427
	90°	001420
Inspection piece with concentric socket joint		
		001421
Adapter for connection of internal to external wall system		
	Socket joint/socket joint connection	001422
Adapter for connection to roof terminal		
	Pipe/pipe connection	001423

Flue system, concentric 110/150 for internal and external installation at the facade

Internal installation		D 110/150	External installation		D 110/150
Wall mounting cover					
		001412			
Wall cover, split version					
		001439			
Fixing bracket, standard					
		001416			
Fixing bracket PP					
	RAL 9016 (4 pieces)	002186			
Shaft bend					
	RAL 9016 With support and welded foot	001438			
Bracing bracket					
		002005			
Condensate drain					
	RAL 9016 With hose and siphon	001435			
Room air inlet cover and air inlet grille					
	Room air inlet cover	001437			
	Air inlet grille H 300 mm B 250 mm	010021			
Wall fixing bracket, adjustable					
	Axial distance 134 mm – 185 mm	001417			
Extension for wall fixing bracket, adjustable					
	Axial distance 134 mm – 365 mm	600109			
External wall stub					
		001414			
External wall air inlet					
		001413			

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Flue system, concentric 110/150
For internal and external installation at the facade

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All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

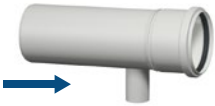








Flue system, concentric 110/150 for internal and external installation at the facade

Diameter in mm		D 110/150
Roof terminal		
	black RAL 9005	001410
	red RAL 8023	001411
Roof terminal extension		
	500 mm black RAL 9005	001418
	500 mm red RAL 8023	001419
Adjustable tile		
	25 – 45° black RAL 9005	000309
	25 – 45° red RAL 8023	000389
	Other tile angles available on request	
Flashing for flat roof		
	Also available with 250 mm elevation	000322

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Flue system, concentric 110/150
For internal and external installation at the facade










Flue system accessories

Diameter in mm		D 60	D 80	D 110	D 125	D 160	D 200	D 250
Condensate drain								
	Drain D 32	011732	020965	000125	000170	000220	000863	On request
UV-stabilised terminal end pipe								
	approx. 1000 mm	001756	020982					
Siphon and hose								
	Water trap, depth 150 mm, hose 1 m					010073		
	Water trap, depth 90 mm, built-in ball, hose 1 m					010158		
	Water trap, depth 150 mm, built-in ball, hose 2.5 m					010186 (till 5000 Pa over-pressure applicable)		
Lip seal for pipe sockets								
	Double lipped	001253	001980	001693	001802	002003	002200	002420
Gasket for inspection cover								
	70 mm	000424	000424					
	105 mm			000425	000425	000425	000425	002424
Inspection cover with gasket								
	81 mm	020587	020587					
	115 mm			001158	001158	001158	001158	002434
Securing strap for inspection screw cap								
	For D 60 – D 80	010189						
	For D 110 – D 200			010190				
Locking clamp								
		011777	028171	011618				
Inspection cover key								
		000049						

Note: The arrow indicates the flow direction of waste gases!

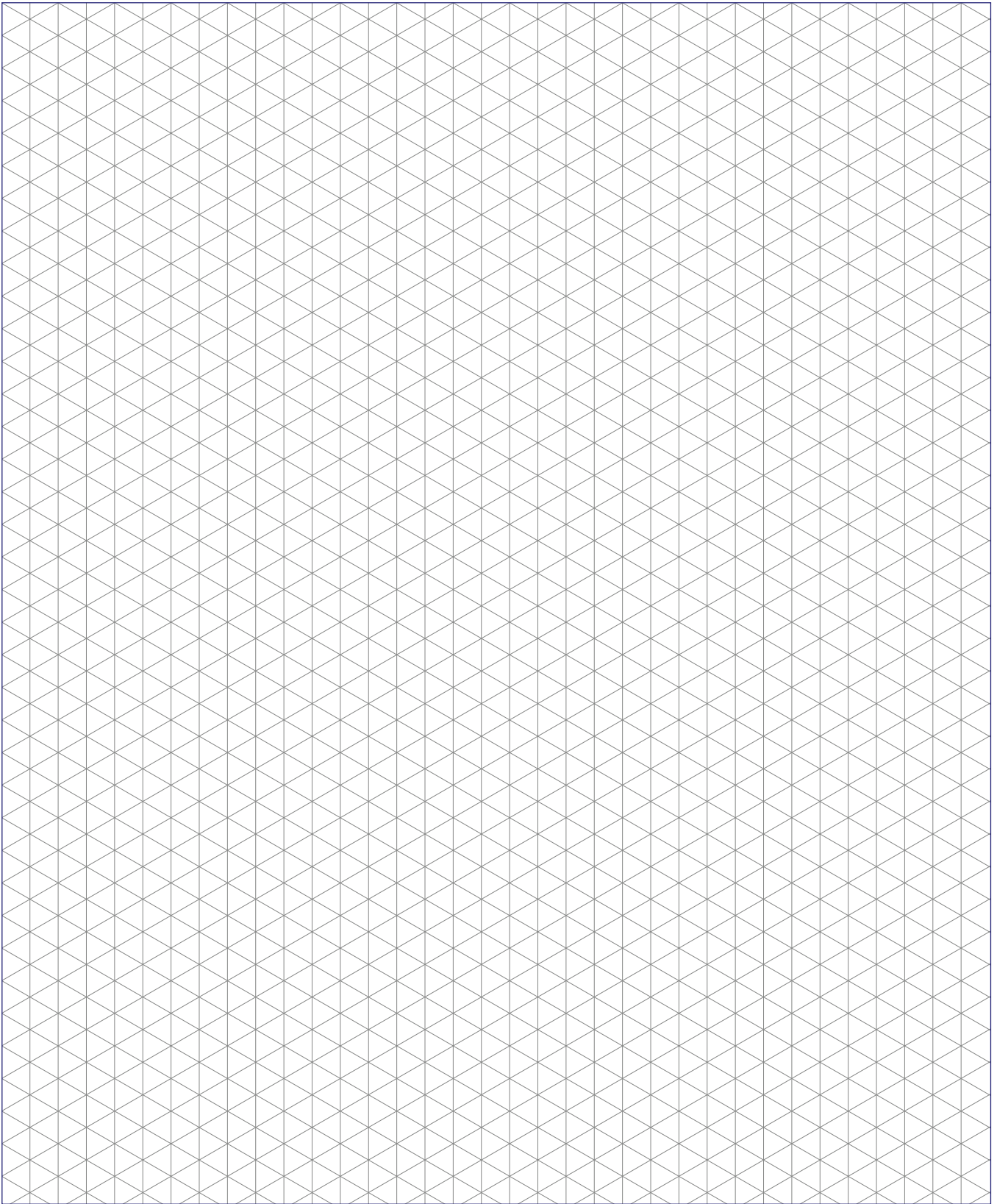
All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

Flue system accessories

Diameter in mm		D 60	D 80	D 110	D 125	D 160	D 200	D 250
Measuring point cap								
	M 12				001113			
Measuring point cap								
	Cap 18 mm				000830			
Lubricant								
	Tube 150 g				000226			
	Tube 30 g				010153			
Neutralisation unit for GAS SK1								
					000510			
Neutralisation unit FUEL OIL SK2								
					010152			
Condensate lift pump SK3								
	With hose				000514			
Granulate refill bag								
	Ersatzteil				000499			
Activated charcoal refill bag								
	Replacement part				000517			
Fine filter sieve								
	Replacement part				010075			

All prices are quoted in Euros per unit (excluding VAT at the applicable rate)

Notes



Declaration of performance

Nr. DoP9184-V05

1) Unique identification code of the product type:

Waste gas removal system with plastic flue lining
DIN EN 14471:2013+A1:2015

2) Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11, paragraph 4:

System 0.1:	T120 H1 W2 O20 LE E U	(D60–D110; PP-chimney, single-wall, black)
System 0.2:	T120 H1 W2 O20 LI E U	(D60–D250; PP-chimney, single-wall, white)
System 0.3:	T120 H1 W2 O20 LI E U	(D60–D250; PP-chimney, single-wall, grey)
System 0.4:	T120 H1 W2 O00 LE E U0	(D60/100–D80/125; PP-chimney, concentric, outer metal pipe)
System 0.5:	T120 H1 W2 O00 LI E U1	(D60/100–80/125; PP-chimney, concentric, outer plastic pipe)
System 0.6:	T120 H1 W2 O00 LE E U0	(D110/150–150/180; PP-chimney, concentric, outer metal pipe)
System 0.7:	T120 H1 W2 O00 LE E U0	(DN60–DN110; PP flue system, single-wall, flexible, white)

3) Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Convey air for combustion, and the products of combustion from appliances to the outside atmosphere.

4) Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11, paragraph 5:

Skoberne GmbH
Ostendstraße 1
64319 Pfungstadt/Germany
Tel. +49 (0) 6157 8070-0
Fax +49 (0) 6157 8070-70
Email info@skoberne.de

5) If applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12, paragraph 2:

Not relevant

6) System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+, System 3, System 4

7) In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Notified factory production control certification body No. 0036 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

V05 11/2016

Declaration of performance

8) Declared performance

Essential Characteristics	Performance	Harmonized technical specification
Compressive strength (maximum height)	Systems 0.1 – 0.6 (rigid pipe): 50 m System 0.7 (flexible pipe): 25 m	EN 14471:2013+A1:2015
Resistance to wind load (free standing height above last support)	1.0 m for system 0.4, 0.5, 0.6 0.5 m for system 0.1, 0.2, 0.3	EN 14471:2013+A1:2015
Resistance to wind load. (max. distance between fixing brackets)	2.0 m	EN 14471:2013+A1:2015
Fire resistance (class)	0 (according to the standard)	EN 14471:2013+A1:2015
Gas tightness (pressure class)	H1 (5000 Pa) P1 (200 Pa)	EN 14471:2013+A1:2015
Thermal performance (temperature class)	T120	EN 14471:2013+A1:2015
Dimensions in mm	rigid pipe inner diameter D 50 46.4 D 60 56.4 D 75 71.2 D 80 76.0 D110 104.6 D125 118.8 D160 152.2 D200 190.2 D250 242.0 flexible pipe D 60/58 50.2 D 80/88 77.0 D110/113 101.0	EN 14471:2013+A1:2015
Thermal resistance in m ² K/W	R00	EN 14471:2013+A1:2015
Flow resistance of chimney sections (r = mean value of roughness of the inner wall)	rigid pipe: 0.5 mm flexible pipe: 1.0 mm	EN 14471:2013+A1:2015
Flow resistance of chimney fittings (ζ = coefficient of flow resistance)	according to EN 13384-1	EN 14471:2013+A1:2015
Flow resistance of extensions (ζ _F = individual flow resistance of exhaust pipe) (ζ _A = individual flow resistance of supply air pipe)	product specific declaration	EN 14471:2013+A1:2015
Flexural tensile strength ((real length of the lateral displacement)	1.5 m	EN 14471:2013+A1:2015
Flexural tensile strength (maximum inclination)	rigid pipe: 87° flexible pipe 45°	EN 14471:2013+A1:2015
Durability against chemicals (condensate resistance class)	W (dry, condensing operation)	EN 14471:2013+A1:2015
Durability against chemicals (corrosion resistance class)	2 (Gas, oil: sulphur-content ≤ 0.2 mass %)	EN 14471:2013+A1:2015
Durability against UV (location class)	LI for system 0.2, 0.3, 0.5 (internal installation), LE for system 0.1, 0.4, 0.6, 0.7 (internal and external installation)	EN 14471:2013+A1:2015
Durability against thermal stress	T120	EN 14471:2013+A1:2015
Reaction to fire (class)	E (poor fire reaction properties)	EN 14471:2013+A1:2015
Durability against freeze thaw changeover	Yes	EN 14471:2013+A1:2015
Dangerous substances	declared substances	Relevant national regulation
Characteristics of wind direction of extensions	roof terminal: type III A30 shaft cover: type III A30	EN 14471:2013+A1:2015
Other Characteristics	Performance	Technical specification
Durability of extensions against ingress of rainwater	roof terminal: proven shaft cover: npd	EN 14471:2013+A1:2015
Durability of extensions against icing	proven	EN 14471:2013+A1:2015

9). The performance of the product identified in points 1) and 2) is in conformity with the declared performance in point 8).

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4).

The latest version of the declaration of performance can be found on our website www.skoberne.de.

Shipping charges

Please note that a low quantity surcharge plus order processing fee of €15.00 is charged on orders with a value of less than €30.00.

Please first contact our Sales department if you wish to return a consignment; we charge 25% of the net consignment value on returns. Customers will be required to pay for the shipment of returned consignments.

Parcel delivery (DPD) only for Germany

To 31.5 kg. 7.90€

Note: Please contact us for express delivery rates and rates for non-mainland delivery.

Delivery (DHL) only for Germany

Euro pallet 0.8 x 1.2 m to 400.0 kg 75.00€

Disposable pallet 1 x 2 m to 400.0 kg 95.00€

Carton containing flexible
flue system to 30.0 kg 37.00€

Note: Max. loading height: 2.00 m,
Please contact us for express delivery rates and rates for non-mainland delivery.
For charges for shipping outside Germany, please enquire.

Express delivery by NSE (Night Star Express) only for Germany

Please enquire; overnight delivery by 8:00 am

Packaging

We use the sustainable service provider Interseroh.

Cost of packaging will be calculated per individual order by item, quantity and method of shipment.

Please note:

All quoted prices exclude VAT at the applicable rate. We retain the right to make changes to our prices and the technical specifications of our products.

This price list supersedes all previous price lists.

Valid from 1st October 2021.

Our General Terms of Business and Delivery apply. To view these, please go to our website www.skoberne.de.

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