

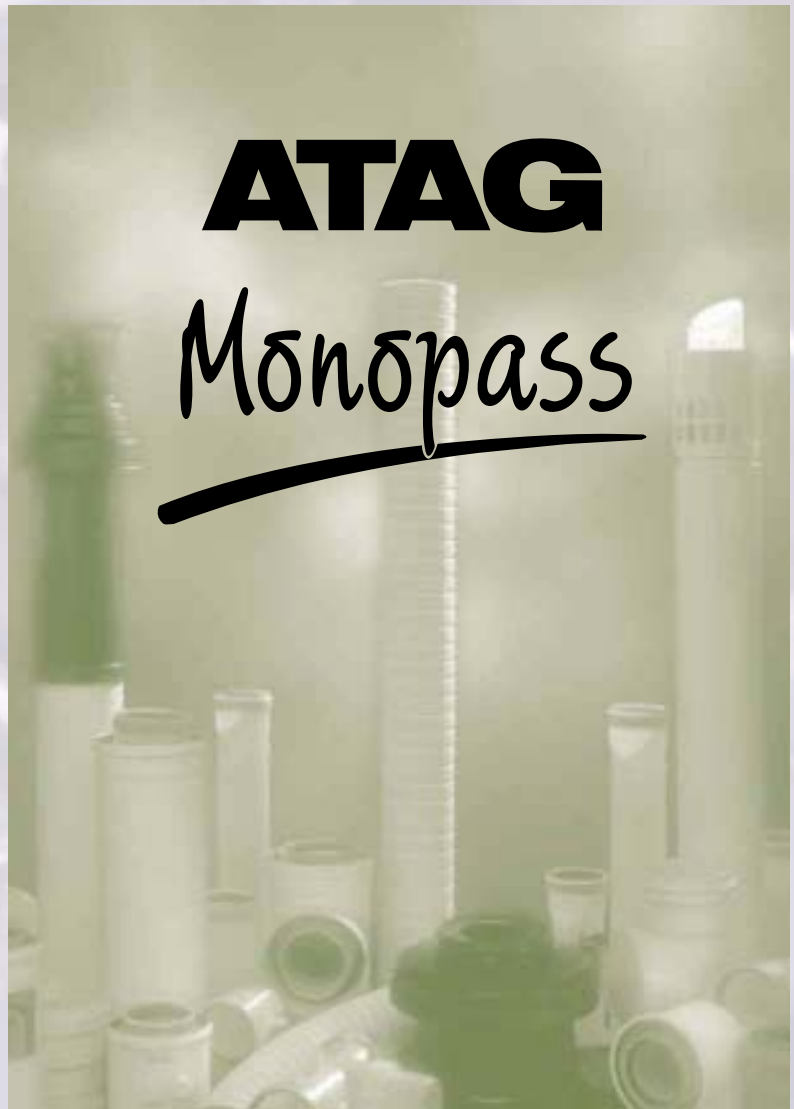
ATAG

MonoPass

Single Boiler Flueing

Program

Installation manual



- + Unique: Boiler related CE approval for all ATAG Boilers
- + Flue gas system in Stainless steel and PP
- + Durable / no contamination
- + Concentric or 2 pipe system
- + Rigid or flexible
- + PP easy to use
- + Universal program

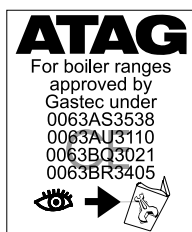
ATAG
Heating

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All parts of the ATAG Flue Gas System are supplied with the sticker mentioned below. The use of parts or components that are not supplied with this sticker result in losing the CE approval of the boiler and the flue gas system.



Meaning of abbreviation:

- FS = Flue system
- AI = Air Intake
- PP = Poly Propylene
- SS = Stainless Steel
- MW = Metal White
- CAF = Collective Air intake and Flue gas system.

1 Introduction

This installation manual describes the installation of flue gas and Air intake systems for individually mounted ATAG boilers. For flue gas systems for Cascade systems consult the installation manual Flue gas system PP overpressure Cascade (8G5122xx). The installation manual is meant for registered installers who install and put ATAG Appliances into operation. For the installation and use of ATAG Boilers there are separate installation and user manuals available.

Read the installation manual, thoroughly before starting the installation. ATAG Heating is not responsible for any consequences that are caused by faults or omissions in the installation and/or user manuals. ATAG reserve the right to change its products without prior notice.



Every boiler is supplied with a data badge. Verify by using the data on this badge that the boiler can be installed in this situation. Check the type of gas, mains power supply or flue gas class for example.

2 Rules and regulations

For the installation of an ATAG Monopass system the following rules apply.

- Wetgeving: Bouwbesluit
Het bouwbesluit bevat prestatie-eisen over opstelling, afvoer en uitmonding.
- NEN 2757; *bepalingsmethode voor afvoer*
- NEN 1087; *bepalingsmethode voor ventilatie en prestatie-eisen voor leidingwerk*
- NPR 3378 of NTR

3 Systems

ATAG delivers complete flue gas systems for all ATAG Central heating boilers.

- Roof terminals for flat or tiled roofs in red or black
- Wall terminals
- Chimney lining in flexible and rigid

The flue gas systems are available in 2 pipes and concentric.

A unique feature is that the ATAG boilers in combination with the ATAG Flue gas system as a whole has CE approval. ATAG Central Heating boilers are room-sealed boilers. This means that the combustion air needed is sucked in through a separate duct. There can be situations where this is not possible. Then the combustion air has to be taken from the (well ventilated) room where the boiler is mounted (open system). The Air intake of the boiler has to be provided with an air intake filter (option). Figure 1 gives a schematic review of the different possibilities.

4 Area of application

The ATAG flue gas system is meant and designed solely for the use on ATAG central heating boilers adjusted for Nat gas or LPG. The maximum flue gas temperatures are below 70°C (full load 80/60°C)

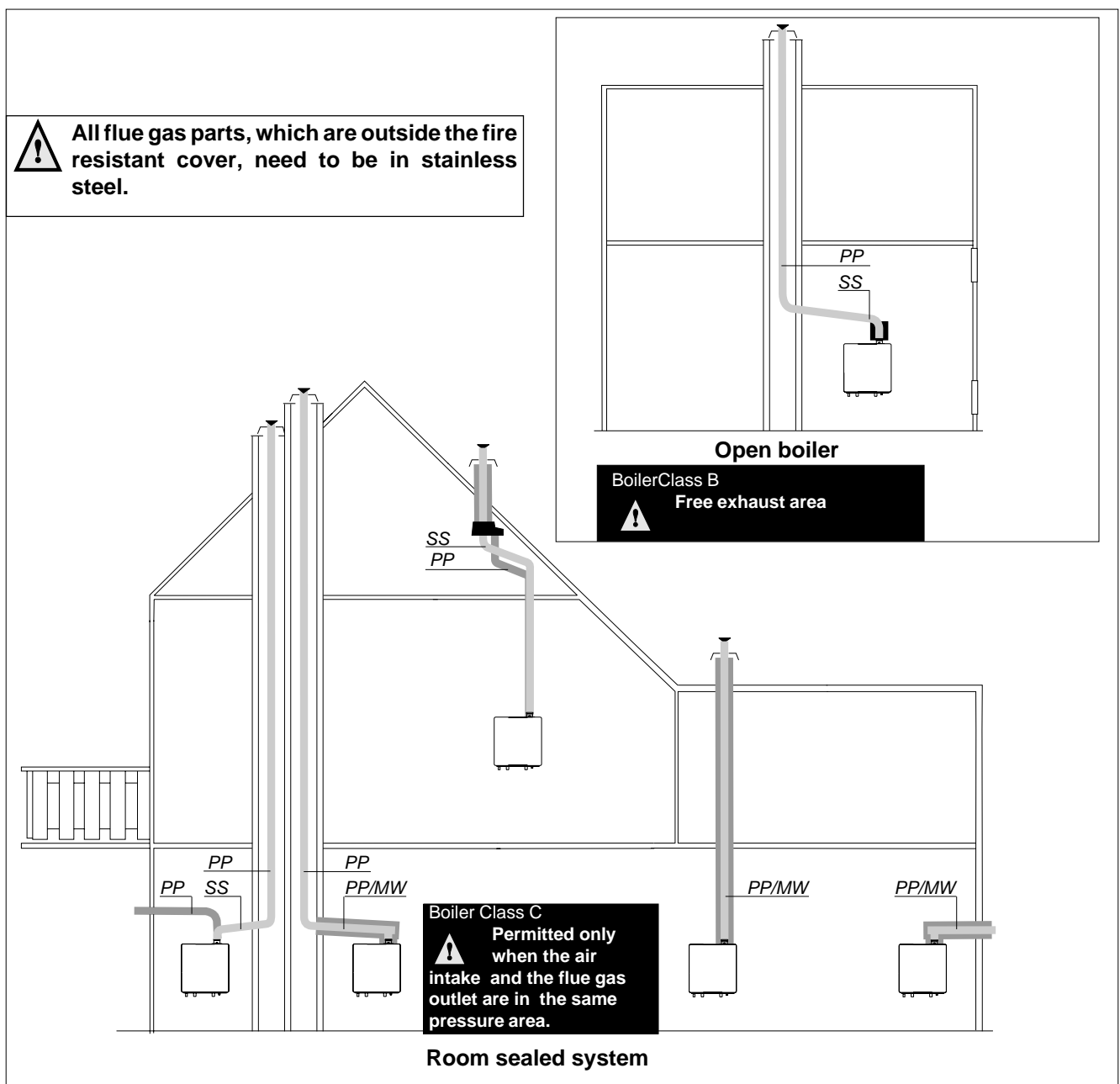
The proper operation can be influenced harmfully by changes of or adjustments to the correct set up.

Possible warranty claims will not be honoured if incorrect changes or not compliance with the installation manual or local rules and regulations.

This document describes a large number of examples of flue gas systems. Select a system that complies with the system you need and be aware of the local rules and regulations.

The flue gas systems described in this document are solely suited for ATAG central heating boilers of the S-HR/E-SHR/PF-SHR and Q and E range. For this purpose the CE Certificate has been supplemented under the Gastec nr: 0063AS3538, 0063AU3110, 0063BQ3021 and 0063BR3405.

The flue gas system should be built up using only parts from the ATAG program. Combinations with other brands or systems are without written permission from ATAG Heating not permitted.



Open boiler and room sealed systems

figure 1

5 Dimensioning of the flue gas and air intake duct

The flue diameter is determined by the total length of the run, including for the connection pipe, elbows fittings and terminal covers etc and the type and number of boilers installed into the system.

An undersized flue pipe can lead to disorders. Look at table 1 for the choice of the system and the correct diameter. The table below shows the maximum flue lengths with the different boiler outputs. A longer flue gas length can be achieved by increasing the diameter to \varnothing 100mm.

Explanation table 1:

Two pipe flue gas system: maximum noted length = distance between boiler and roof terminal A

Concentric flue gas system: maximum noted length = distance between boiler and roof terminal B

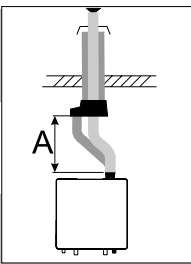
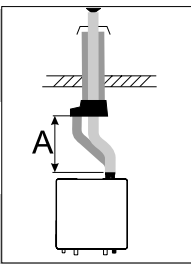
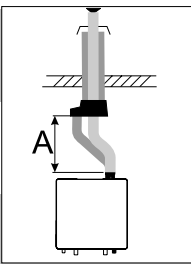
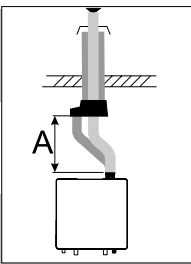
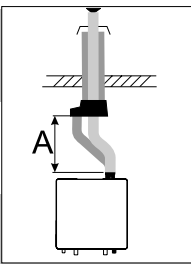
When using bends the noted value behind every bend should be deducted from the maximum straight length.

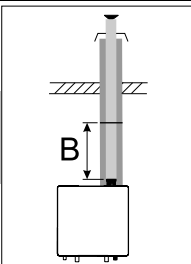
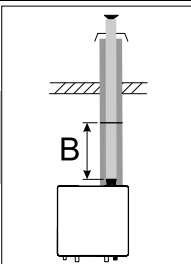
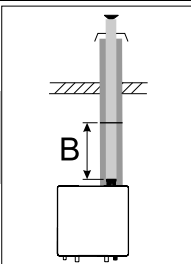
Example:

A 24kW with a concentric flue gas system \varnothing 80/125mm has according to the table a maximum flue straight length of 40m

In the system that is going to be put in there are 2 x 45° bends, so the maximum flue gas length is $40 - (2 \times 1.25) = 37.5$ meters.

Also see system examples further down this document.

Two pipe flue system + chimney lining					
		\varnothing 80mm		\varnothing 100mm	
		A	A	A	A
		in m	in m	in m	in m
15 kW		Maximum straight length 80	31	Maximum straight length 100	40
		87° bend resistance length	-1,5	87° bend resistance length	-1,8
		45° bend resistance length	-0,8	45° bend resistance length	-0,9
24 kW		Maximum straight length 80	31	Maximum straight length 100	40
		87° bend resistance length	-1,5	87° bend resistance length	-1,8
		45° bend resistance length	-0,8	45° bend resistance length	-0,9
35 kW		Maximum straight length 80	18	Maximum straight length 100	39
		87° bend resistance length	-1,5	87° bend resistance length	-1,8
		45° bend resistance length	-0,8	45° bend resistance length	-0,9
51 kW		Maximum straight length 80	6	Maximum straight length 100	18
		87° bend resistance length	-1,5	87° bend resistance length	-1,8
		45° bend resistance length	-0,8	45° bend resistance length	-0,9
60 kW		Maximum straight length 80	6	Maximum straight length 100	18
		87° bend resistance length	-1,5	87° bend resistance length	-1,8
		45° bend resistance length	-0,8	45° bend resistance length	-0,9

Concentric flue system						
	\varnothing 60/100mm		\varnothing 80/125mm		\varnothing 100/150mm	
	B	B	B	B	B	B
	in m	in m	in m	in m	in m	in m
15 kW	Maximum straight length 60/100	12	Maximum straight length 80/125	31	Maximum straight length 100/150	40
	87° bend resistance length	-1	87° bend resistance length	-2,8	87° bend resistance length	-2,6
	45° bend resistance length	-1	45° bend resistance length	-1,1	45° bend resistance length	-1,1
24 kW	Maximum straight length 60/100	12	Maximum straight length 80/125	31	Maximum straight length 100/150	40
	87° bend resistance length	-1	87° bend resistance length	-2,8	87° bend resistance length	-2,6
	45° bend resistance length	-1	45° bend resistance length	-1,1	45° bend resistance length	-1,1
35 kW		Maximum straight length 80/125	13	Maximum straight length 100/150	34	
		87° bend resistance length	-2,8	87° bend resistance length	-2,6	
		45° bend resistance length	-1,1	45° bend resistance length	-1,1	
51 kW		Maximum straight length 80/125	6	Maximum straight length 100/150	10	
		87° bend resistance length	-2,8	87° bend resistance length	-2,6	
		45° bend resistance length	-1,1	45° bend resistance length	-1,1	
60 kW		Maximum straight length 80/125	6	Maximum straight length 100/150	10	
		87° bend resistance length	-2,8	87° bend resistance length	-2,6	
		45° bend resistance length	-1,1	45° bend resistance length	-1,1	

6 Flueing through a roof terminal

The roof terminal enables installation in most situations.

To prevent nuisance through flue gasses and ventilation openings sufficient distance has to be taken into account.

7 Preparation

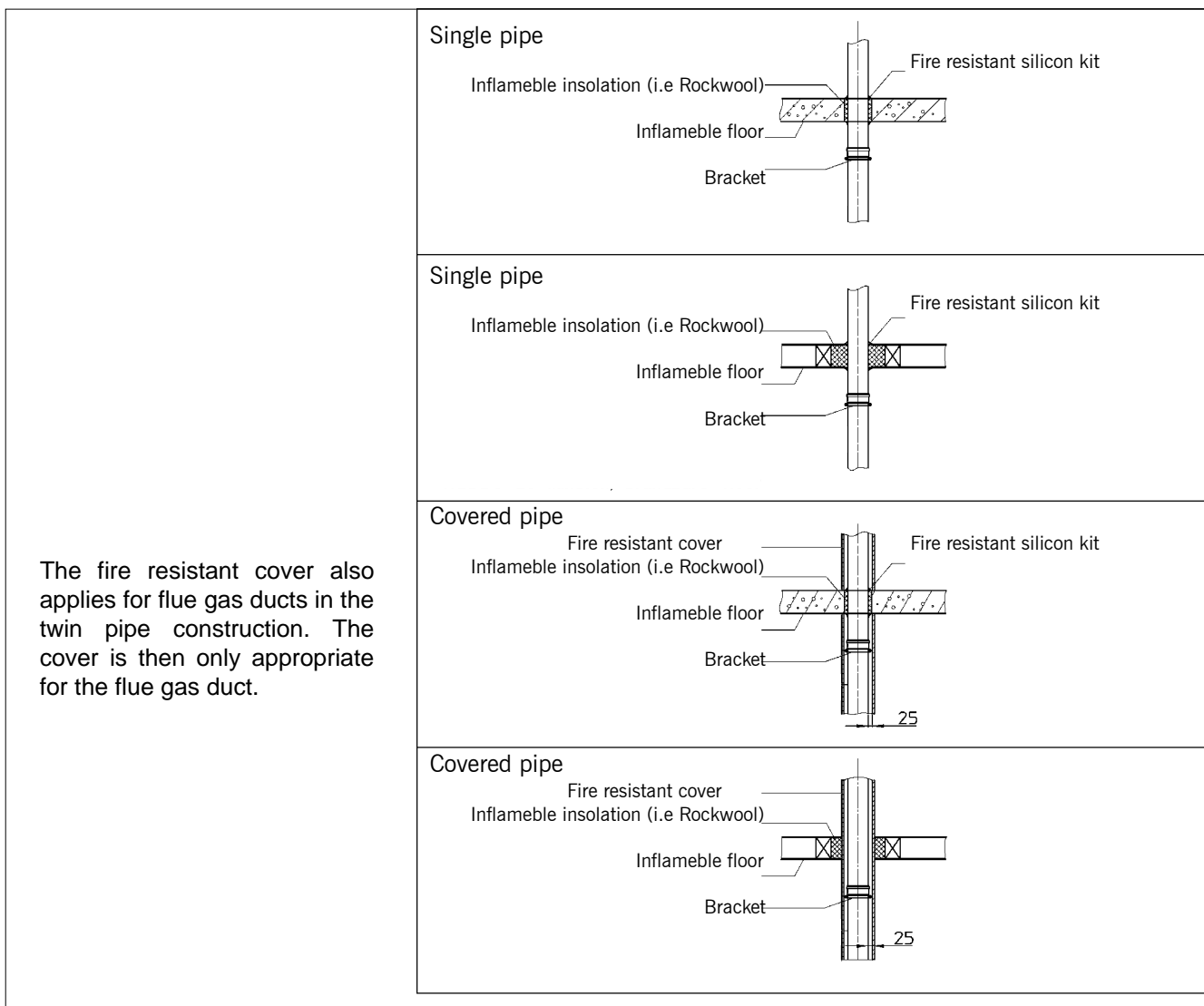
Before starting to build the installation route, taking all hole's in walls, floors, beams for roof support and so on into account.

Holes in fire resistant floors and ceilings must be 20mm bigger than the outer diameter of the duct.

Holes in fire sensitive walls, floors, ceilings and roofs must be 50 mm bigger than the outer diameter for square ducts and 100mm bigger than the outer diameter for a round the duct. Within a building and when going through a wall or floor where the fire resistance is influenced negatively there has to be a cover around the duct of fire resistant material.

Please pay attention to the fact that the strength of the construction is not changed.

In figure 2 there are some examples to keep the fire resistance level of the construction intact.



Fire resistant protection

figure2

8 Installation

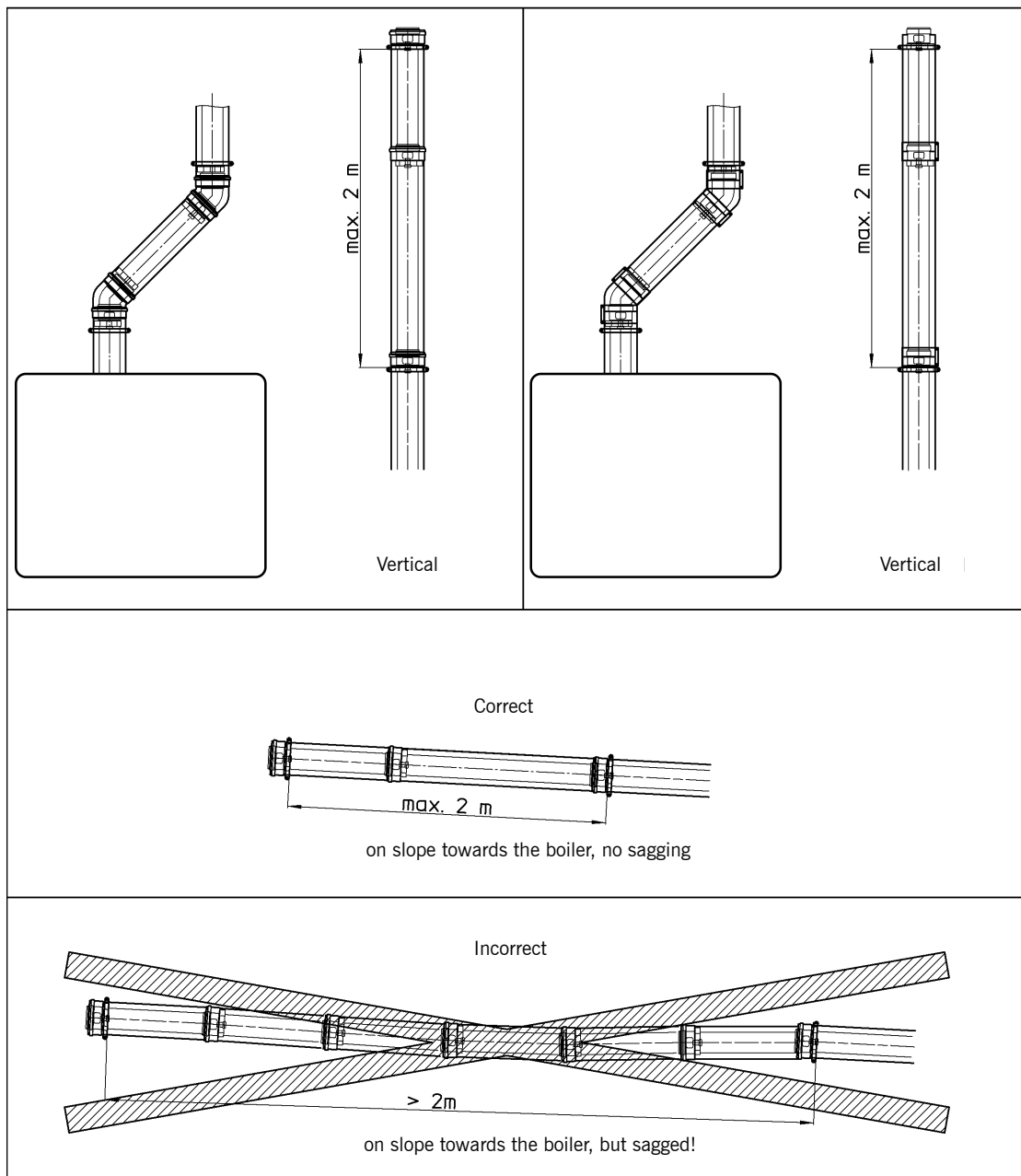
8.1 means of fixing

After the route and the items necessary have been determined the centre line of the route is drawn on the wall and the positions of the fixings are pointed out. Next the fixings can be put into place. One has to take into account the places where the flue gas duct is covered. Choose the lengths and positions of the sections in a way that the fixings are not at a point where 2 pieces are joined together.

The first element is fixed with a bracket to the construction and after that every other element of the flue gas duct should be fixed to the construction, as shown in figure 3.

8.2 bends and fixings

If bends cannot be avoided they have to be mounted without any tension, fixing is done before the first bend and after the next one see figure 3. the maximum distance between 2 brackets is 2 meters. This is to prevent bending due to its own weight.



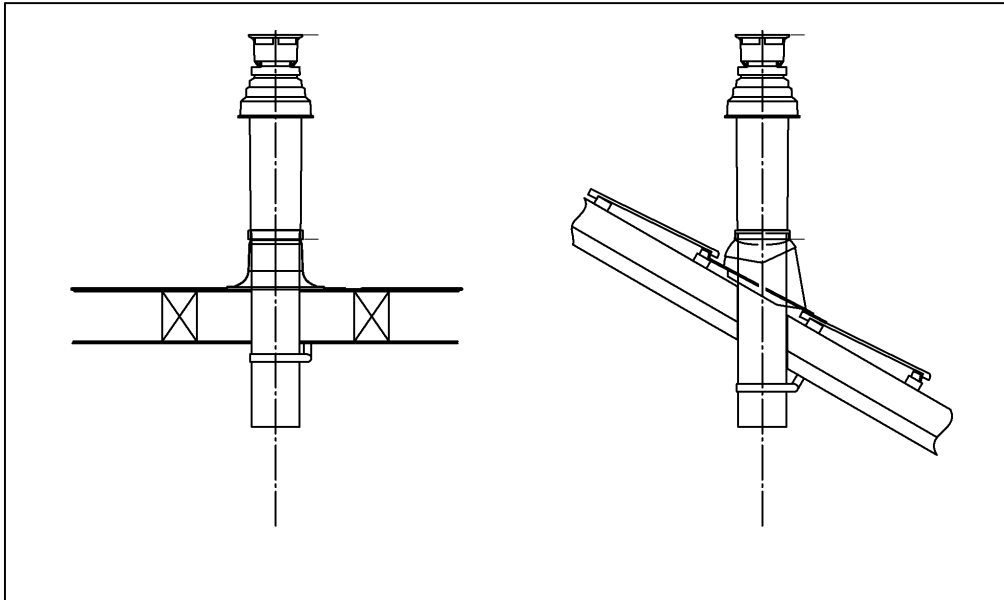
Bends and fixing

figure 3

8.3 installation of the roof terminal

Mounting order:

- make a hole in the roof suitable for passing a pipe of 125mm vertical. With a pitched roof please pay attention to the position of the roof tile when making the hole, this has to be replaced with a plastic or universal roof tile;
- Place the roof terminal in the hole from the outside;
- Position the roof terminal vertical and fasten it with the bracket.



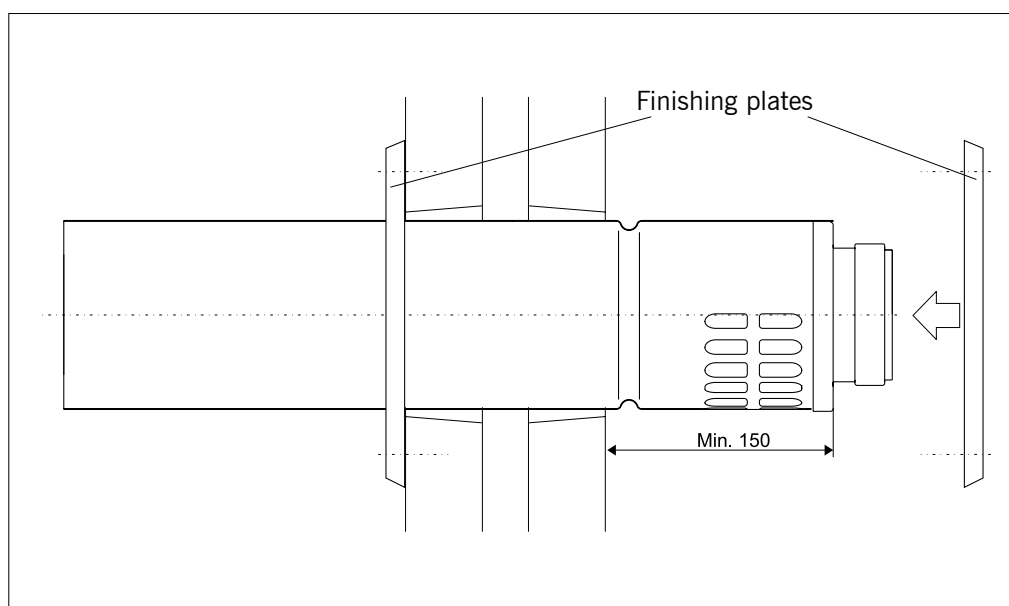
Installation roof terminal

figure 4

8.4 Installation of the wall terminal

Mounting order:

- Make an opening in the wall big enough to pass through a pipe with a diameter of \varnothing 125mm;
- Position the wall terminal in the hole from the outside;
- Be sure that the flue pipe has a gradient fall back to the boiler app 5 cm/m;
- Be sure that the air intake has a gradient fall towards the outside;
- Mount the wall finishing plates on the inside and outside of the wall.



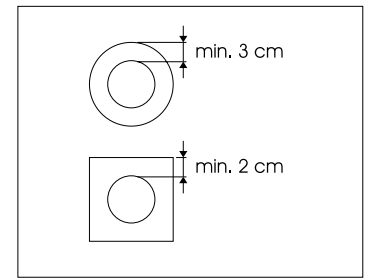
Installation wall terminal

figure 5

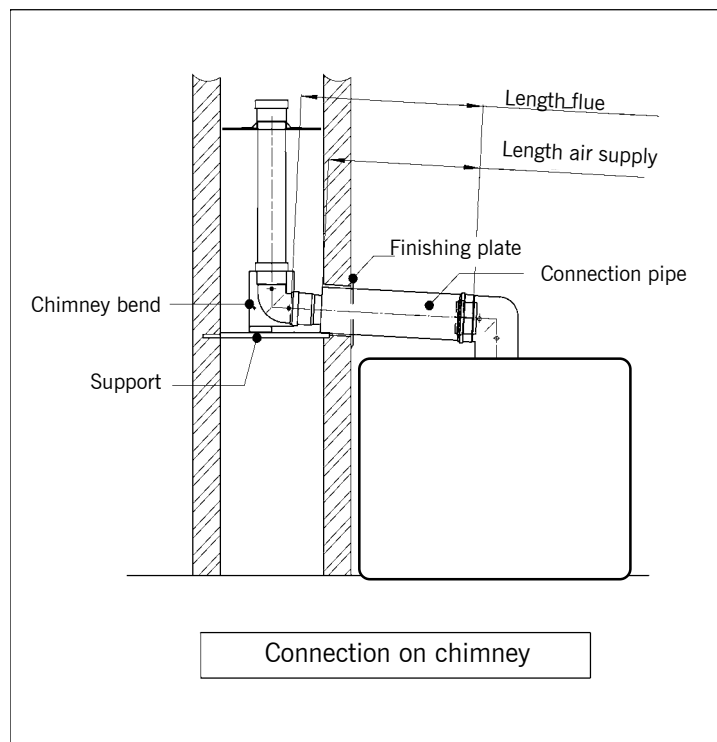
8.5 installation of a chimney lining

Mounting order:

- Install the boiler;
- Put the T piece on the boiler if necessary;
- Determine the position of the chimney bend and mount it;
- Mount the rigid or flexible chimney lining;
- Ensure that there are sufficient distance holders in place;
- Ensure accessibility of the chimney for inspection;
- Measure the length for the connection pipe;
- Cut the connection pipe to length;
- Mount the wall plate;
- Take the T piece off the boiler and mount the connection pipe;
- Mount the inspection T piece on the boiler;
- Put brackets into place as described in paragraph 8.2;
- Mount the chimney cover.



Min. space in chimney figure 6



Installatie schoorsteendoorvoer

figure 7

8.6 Installation of the chimney cover

Put the chimney cover on the chimney in a way that the stainless steel part can slide in the sealing of the chimney cover to enable the expansion of the rigid plastic tube.

In case of a flexible chimney lining the expansion of the flexible lining happens in the chimney itself.

With the chimney cover there is a mounting tripod (for flex only) and at the bottom of the chimney there is a chimney bend mounted.

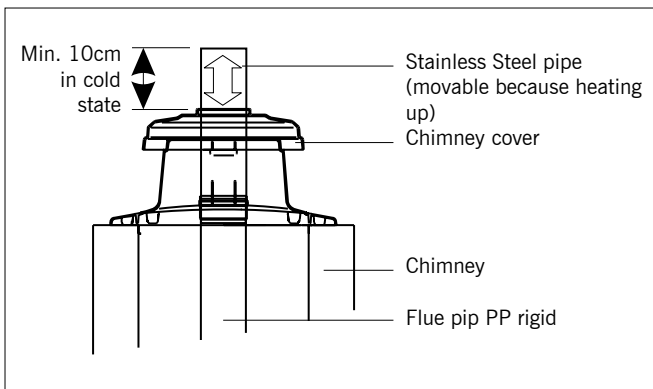


figure 8 Installation chimney cover on flex pipe

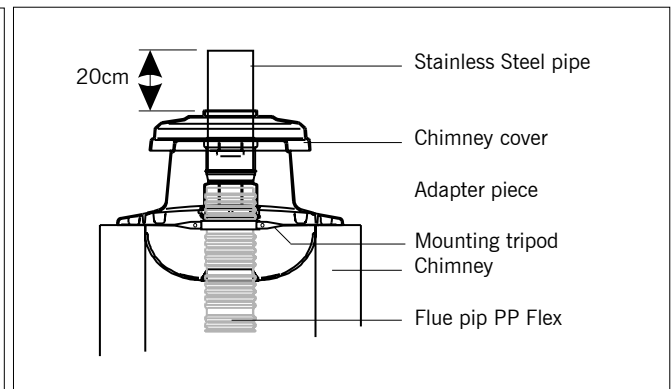
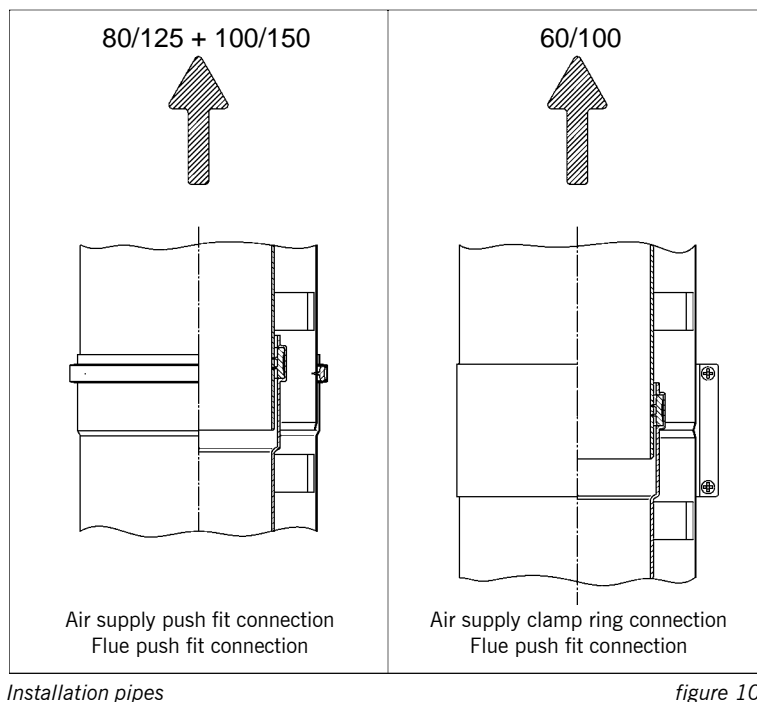


figure 9

8.7 Installation of the pipes

At this time there are 2 different ways of connecting the flue gas/air intake system. The flue gas duct for the 60/100, 80/125 and 100/150 are push fit connections, see figure 10. The air intake for the 60/100 is a clamp ring connection. These two types are not interchangeable.



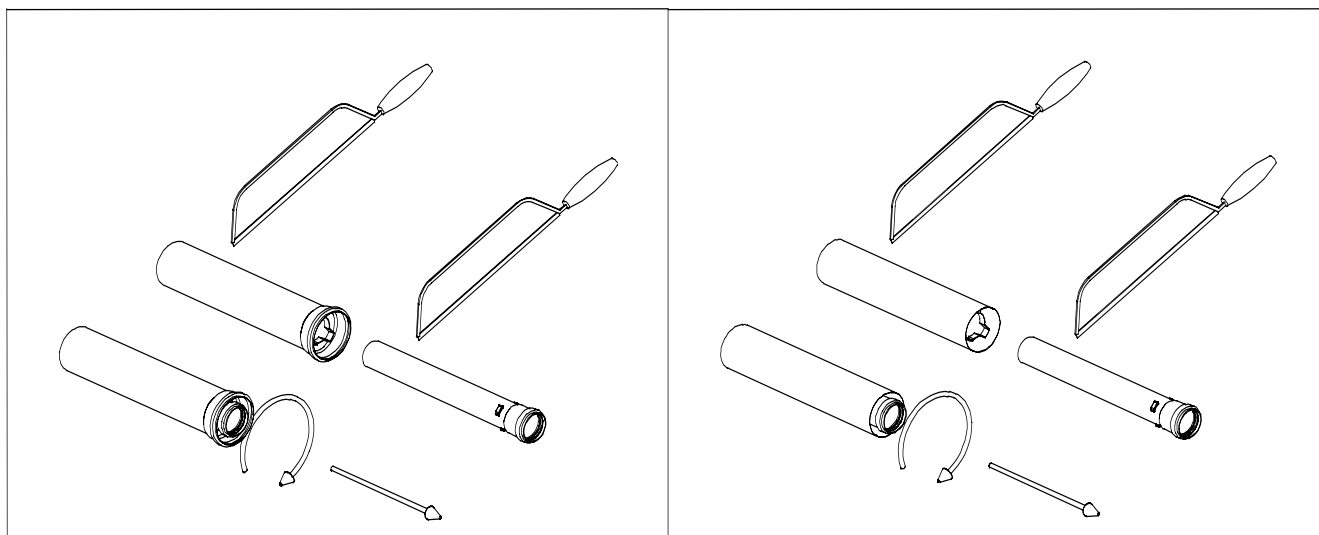
Cutting the pipe goes as follows:

- Take out the inner tube by turning it until it releases from its security position;
- Cut just as much from the air intake part as from the flue gas part;
- Take off the burrs from the cutting edge to prevent cutting the seals;
- Click the pipes back together again.

Use special grease to simplify the fitting

When mounting the flue gas system, pay attention to the flow direction. An arrow on the product points this out. It is not permitted to mount a system upside down and will lead to complaints.

Horizontal flue parts should have an angle towards the boiler pf approximately 5 cm/m.



8.8 Connecting to the boiler

The boiler is directly connected to the flue gas duct. It is not permitted that the weight of the flue gas duct be resting on the boiler. The system should be mounted without tension only in this way is the free thermal expansion guaranteed. The diameter 60/100 is only allowed for boilers up to 24kW in combination with a wall terminal.

Concentric:

Ø60/100: The boiler connection is suitable for concentric 80/125 to go from 80/125 to 60/100 the concentric connection piece and the standard flue connection have to be removed. Replace the standard flue connection with the concentric flue adaptor 60/100 art no: xxxxxxxx. Mount the concentric bend with the flue gas analysing points directly on the flue gas adaptor. Put, if not present, the lit in the ø 80 air intake (S4323310).

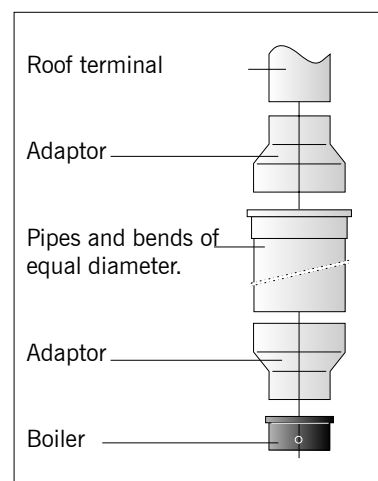
Ø80/125 The connection on the boiler is suited for a concentric 80/125 connection. If a 2-pipe connection has to be made, remove the concentric flue adaptor, put the ring around the ø80 flue connection and remove the plug from the ø80 air intake point.

100/150 The connection on the boiler is suited for a concentric 80/125 connection. If the length of the flue gas duct is longer than permitted in ø80/125 the flue gas duct has to be made in ø100/150. This means that on top of the concentric flue adaptor the connection can be increased from 80/125 to 100/150.

Twin pipes:

ø80/80 The boiler connection can be made suitable for a twin pipe connection. Remove the concentric flue adaptor, put in the ring that seals the concentric air intake and take out the plug that covers the ø80mm air intake. In this case the flue gas duct has to be made of stainless steel.

ø100/100 The boiler connection can be made suitable for a twin pipe connection. Remove the concentric flue adaptor, put in the ring that seals the concentric air intake and take out the plug that covers the ø80mm air intake. Insert the 80 - 100mm reducers in the flue gas connection and in the air intake connection. Mount the flue gas duct. In this case the flue gas duct has to be made of stainless steel.



Flue gas class B: When the boiler takes the air from the room it is placed in an Air intake filter (DFL080KU) should always be used.

9 Putting into operation

Before the boiler with the flue gas system is put into operation one should check if the installation is completed and every thing is accordance with the rules.

10 Maintenance

Depending on the use of the flue gas duct it should be inspected and cleaned once per year. A competent installer of gas boilers should do this. Mount inspection T pieces on places that are not easy to inspect easily visually.

11 System examples

The following pages contain a great number of system examples. In practice some situations may be different. Always follow the local rules When installing a flue gas system.

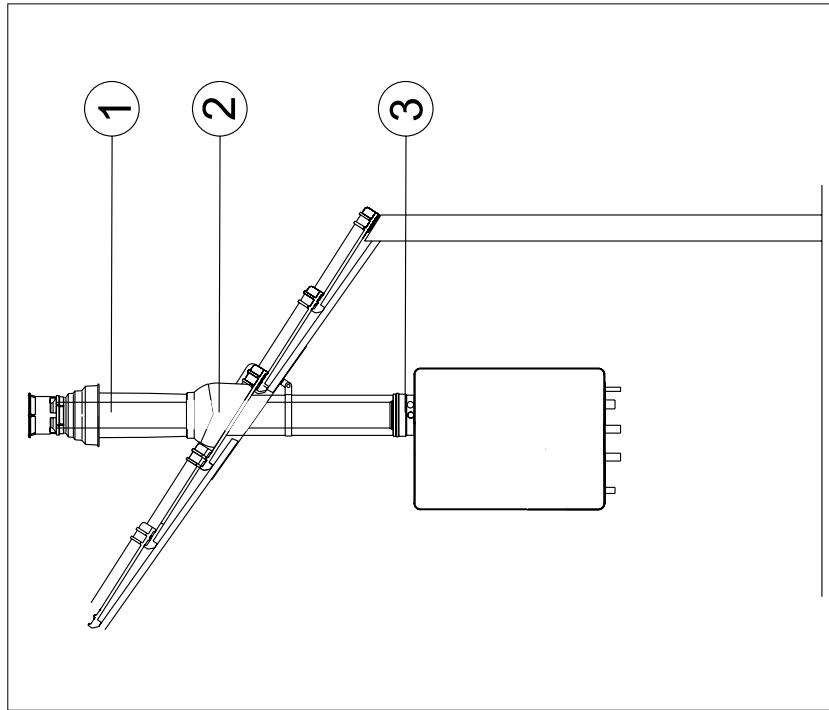
1 Roof terminal concentric

Diameter 80/125mm
100/150mm

Flue lenght: See table 1

Material terminal: FS: PP
Al: Metal black or red
Material pipes: FS: PP transparent
Al: Metal white

Different roof tiles for roof terminal are available.



1	Position	Description	80/125		100/150	
			Nr.	Art.nr.	Nr.	Art.nr.
	1	Concentric Roof terminal				
		Roof terminal Ø80/125 PP/IMZ black	1	RD0813PZ		see 80/125
		Roof terminal Ø80/125 PP/IMR red		RD0813PR		see 80/125
	2	Roof slates				
		Roof slate univ. 125 Black	1	RPU125PZ		see 80/125
		Roof slate rapid 125 black		RPS125PZ		see 80/125
		Roof slate F.furter 125 black		RPF125PZ		see 80/125
		Roof slate univ. 125 red		RPU125PR		see 80/125
		Roof slate rapid 125 red		RPS125PR		see 80/125
		Roof slate F.furter 125 red		RPF125PR		see 80/125
		Roof slate univ. lead 125		RPU125LZ		see 80/125
	3	Concentric flue adaptor				
		Concentric flue adaptor	1	AA1CA05U		see 80/125
	Option	Roof top extension				
		Roof top ext 125 black 250mm		RBV125PZ		see 80/125
		Roof top ext 125 red 250mm		RBV125PR		see 80/125
	Option	Pipe concentric PP Metal White				
		Pipe Conc Ø80 X Ø125 X 250 mm		R081303P		
		Pipe Conc Ø80 X Ø125 X 500 mm		R081305P		
		Pipe Conc Ø80 X Ø125 X 1Mtr		R081310P		
		Pipe Conc Ø80 X Ø125 X 2 Mtr		R081320P		
		Pipe Conc Ø100 X Ø150 X 250 mm				R101503P
		Pipe Conc Ø100 X Ø150 X 500 mm				R101505P
		Pipe Conc Ø100 X Ø150 X 1Mtr				R101510P
		Pipe Conc Ø100 X Ø150 X 2 Mtr				R101520P
	Option	Conc. reducer PP/MW male fem.				
		Conc.reducer Ø80/125 X Ø100/150				RV1315PU
	Option	Conc. Reducer PP/MW Male fem.				
		Conc.reducer Ø100/150 X Ø80/125				RV1513PU

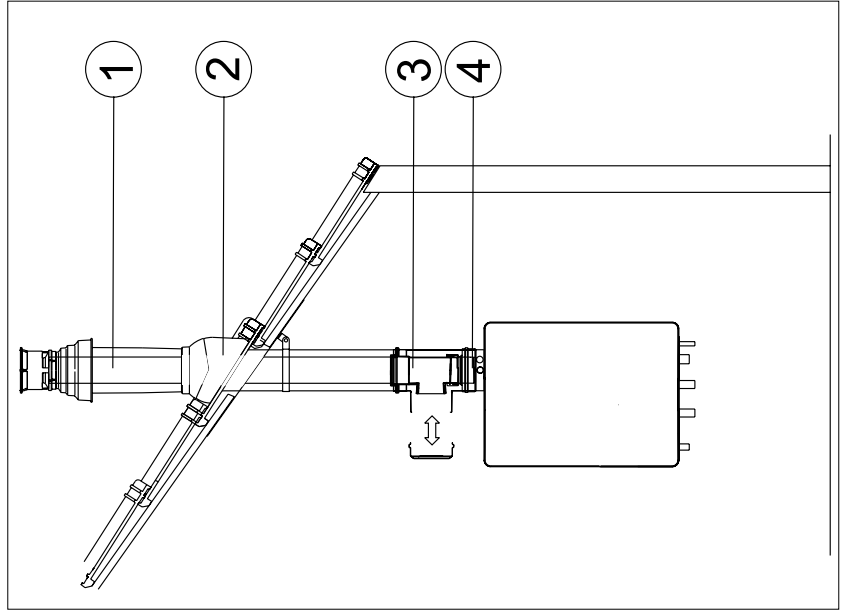
2. Roof terminal concentric with inspection T-piece

Diameter: 80/125mm
100/150mm

Flue length: See table 1

Material terminal: FS: PP
Al: Metal black or red
Material pipes: FS: PP transparent
Al: Metal white

Different roof tiles for roof terminal are available.



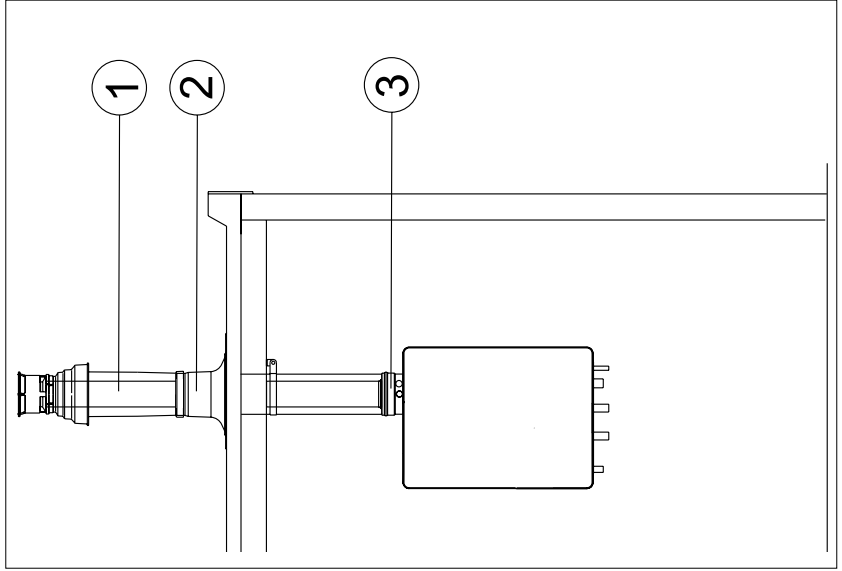
2	Position	Description	80/125		100/150	
			Nr.	Art.Nr.	Nr.	Art.Nr.
1		Concentric Roof terminal				
		Roof terminal Ø80/125 PP/MZ black	1	RD0813PZ		See 80/125
		Roof terminal Ø80/125 PP/MR red		RD0813PR		See 80/125
2		Roof slates				
		Roof slate univ. 125 Black	1	RPU125PZ		See 80/125
		Roof slate rapid 125 black		RPS125PZ		See 80/125
		Roof slate F.furter 125 black		RPF125PZ		See 80/125
		Roof slate univ. 125 red		RPU125PR		See 80/125
		Roof slate rapid 125 red		RPS125PR		See 80/125
		Roof slate F.furter 125 red		RPF125PR		See 80/125
		Roof slate univ. lead 125		RPU125LZ		See 80/125
3		Inspection T-piece PP-MW conc				
		Inspection T.Ø80 X Ø125 conc	1	RT0813PU		
		Inspection T.Ø100 X Ø150 conc			1	RT1015PU
4		Concentric flue adaptor				
		Concentric flue adaptor	1	AA1CA05U		See 80/125
Option		Roof top extension				
		Roof top ext 125 black 250mm		RBV125PZ		See 80/125
		Roof top ext 125 red 250mm		RBV125PR		See 80/125
Option		Pipe concentric PP Metal White				
		Pipe Conc Ø80 X Ø125 X 250 mm		R081303P		
		Pipe Conc Ø80 X Ø125 X 500 mm		R081305P		
		Pipe Conc Ø80 X Ø125 X 1Mtr		R081310P		
		Pipe Conc Ø80 X Ø125 X 2 Mtr		R081320P		
		Pipe Conc Ø100 X Ø150 X 250 mm				R101503P
		Pipe Conc Ø100 X Ø150 X 500 mm				R101505P
		Pipe Conc Ø100 X Ø150 X 1Mtr				R101510P
		Pipe Conc Ø100 X Ø150 X 2 Mtr				R101520P
Option		Conc. reducer PP/MW male fem.				
		Conc.reducer Ø80/125 X Ø100/150				RV1315PU
Option		Conc. Reducer PP/MW Male fem.				
		Conc.reducer Ø100/150 X Ø80/125				RV1513PU

3. Roof terminal concentric for flat roof

Diameter: 80/125mm
100/150mm

Flue lenght: See table 1

Material terminal: FS: PP
Al: Metal black or red
Material pipes: FS: PP transparent
Al: Metal white



3	Position	Description	80/125		100/150	
			Nr.	Art.Nr.	Nr.	Art.Nr.
	1	Concentric Roof terminal				
		Roof terminal Ø80/125 PP/MZ black	1	RD0813PZ		See 80/125
		Roof terminal Ø80/125 PP/MR red		RD0813PR		See 80/126
	2	Flat roof slate				
		Flat roof slate 125 ALU	1	RPD125AU		See 80/125
	3	Concentric flue adaptor				
		Concentric flue adaptor	1	AA1CA05U		See 80/125
Option		Roof top extension				
		Roof top ext 125 black 250mm		RBV125PZ		See 80/125
		Roof top ext 125 red 250mm		RBV125PR		See 80/125
Option		Pipe concentric PP Metal White				
		Pipe Conc Ø80 X Ø125 X 250 mm		R081303P		
		Pipe Conc Ø80 X Ø125 X 500 mm		R081305P		
		Pipe Conc Ø80 X Ø125 X 1Mtr		R081310P		
		Pipe Conc Ø80 X Ø125 X 2 Mtr		R081320P		
		Pipe Conc Ø100 X Ø150 X 250 mm				R101503P
		Pipe Conc Ø100 X Ø150 X 500 mm				R101505P
		Pipe Conc Ø100 X Ø150 X 1Mtr				R101510P
		Pipe Conc Ø100 X Ø150 X 2 Mtr				R101520P
Option		Conc. reducer PP/MW male fem.				
		Conc.reducer Ø80/125 X Ø100/150				RV1315PU
Option		Conc. Reducer PP/MW Male fem.				
		Conc.reducer Ø100/150 X Ø80/125				RV1513PU

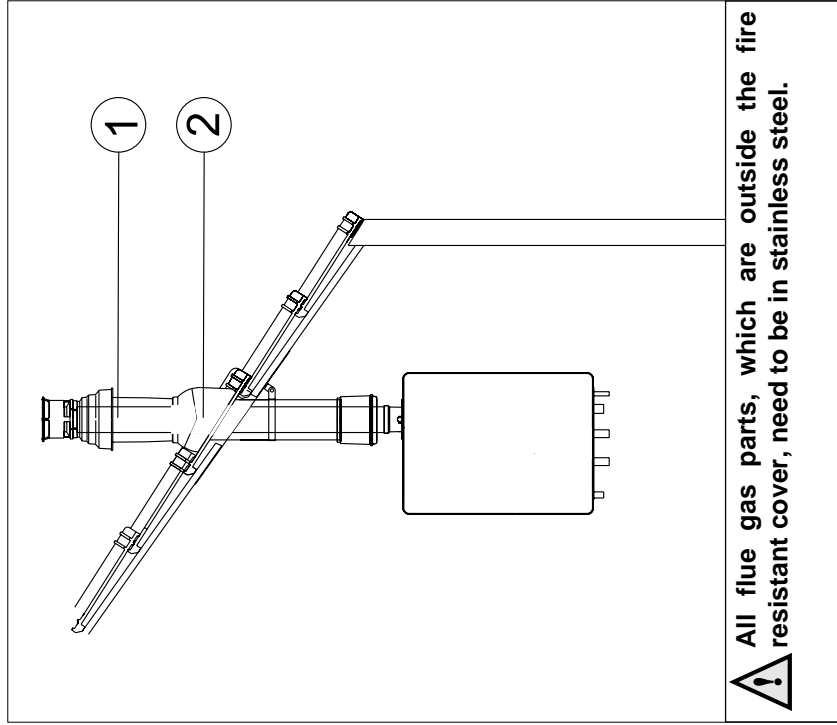
4. Roof terminal concentric, twin pipe connection

Diameter: 80/80mm
100/100mm

flue length: See table 1

Material terminal: FS: Stainless Steel
AI: Metal black
Material pipes: FS: Stainless Steel
AI: PP transparent

Different roof tiles for roof terminal are available.



4	Position	Description	2x 80		2x 100	
			Nr.	Art.Nr.	Nr.	Art.Nr.
1	Roof terminal + 2xØ80 PP adaptor					
	Roof Term Ø80/125 +Ø80 adaptor		1	RD0813RZ		See 80
2	Roof slate					
	Roof slate univ. 125 Black		1	RPU125PZ		See 80
	Roof slate rapid 125 black			RPS125PZ		See 80
	Roof slate F.furter 125 black			RPF125PZ		See 80
	Roof slate univ. 125 red			RPU125PR		See 80
	Roof slate rapid 125 red			RPS125PR		See 80
	Roof slate F.furter 125 red			RPF125PR		See 80
	Roof slate univ. lead 125			RPU125LZ		See 80
Option	Roof top extension					
	Roof top ext 125 black 250mm			RBV125PZ		See 80
	Roof top ext 125 red 250mm			RBV125PR		See 80
Option	Pipe PP/SS					
	Pipe PP Ø80 X 250 mm			RP0803IU		
	Pipe PP Ø80 X 500 mm			RP0805IU		
	Pipe PP Ø80 X 1000 mm			RP0810IU		
	Pipe PP Ø80 X 2000 mm			RP0820IU		
	Pipe PP Ø100 X 250 mm					RP1003IU
	Pipe PP Ø100 X 500 mm					RP1005IU
	Pipe PP Ø100 X 1000 mm					RP1010IU
	Pipe PP Ø100 X 2000 mm					RP1020IU
	Pipe SS Ø80 X 250 mm			RP0803RU		
	Pipe SS Ø80 X 500 mm			RP0805RU		
	Pipe SS Ø80 X 1000 mm			RP0810RU		
	Pipe SS Ø100 X 250 mm					RP1003RU
	Pipe SS Ø100 X 500 mm					RP1005RU
	Pipe SS Ø100 X 1000 mm					RP1010RU
Option	Reducer PP					
	Reducer PP Ø80 X Ø100					RV0810PU
Option	Reducer PP					
	Reducer PP Ø100 X Ø80					RV1008PU

 All flue gas parts, which are outside the fire resistant cover, need to be in stainless steel.

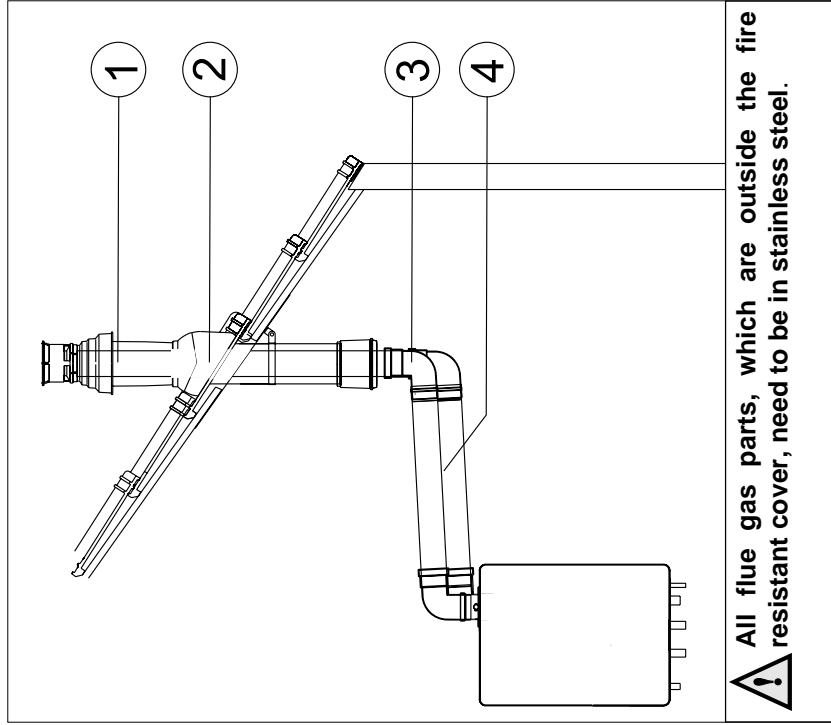
5. Roof terminal concentric, twin pipe connection with bends

Diameter: 80/80mm
100/100mm

lue lenght: See table 1

Material terminal: FS: Stainless Steel
AI: Metal black
Material pipes: FS: Stainless Steel
AI: PP transparent

Different roof tiles for roof terminal are available.



5	Position	Description	2x 80		2x 100	
			Nr.	Art.Nr.	Nr.	Art.Nr.
1	Roof terminal + 2xØ80 PP adaptor					
	Roof Term Ø80/125 +Ø80 adaptor	1	RD0813RZ		See 80/125	
2	Roof slate					
	Roof slate univ. 125 Black	1	RPU125PZ		See 80/125	
	Roof slate rapid 125 black		RPS125PZ		See 80/125	
	Roof slate F.furter 125 black		RPF125PZ		See 80/125	
	Roof slate univ. 125 red		RPU125PR		See 80/125	
	Roof slate rapid 125 red		RPS125PR		See 80/125	
	Roof slate F.furter 125 red		RPF125PR		See 80/125	
	Roof slate univ. lead 125		RPU125LZ		See 80/125	
3	Elbow PP/SS					
	Elbow PP Ø80 X 15°		RB0815IU			
	Elbow PP Ø80 X 45°		RB0845IU			
	Elbow PP Ø80 X 90°	2	RB0887IU			
	Elbow PP Ø100 X 15°				RB1015IU	
	Elbow PP Ø100 X 45°				RB1045IU	
	Elbow PP Ø100 X 90°				RB1087IU	
	Elbow SS Ø80 X 45°		RB0845RU			
	Elbow SS Ø80 X 90°	2	RB0887RU			
	Elbow SS Ø100 X 45°				RB1045RU	
	Elbow SS Ø100 X 45°				RB1087RU	
Option 4	Pipe PP/SS					
	Pipe PP Ø80 X 250 mm		RP0803IU			
	Pipe PP Ø80 X 500 mm		RP0805IU			
	Pipe PP Ø80 X 1000 mm		RP0810IU			
	Pipe PP Ø80 X 2000 mm		RP0820IU			
	Pipe PP Ø100 X 250 mm				RP1003IU	
	Pipe PP Ø100 X 500 mm				RP1005IU	
	Pipe PP Ø100 X 1000 mm				RP1010IU	
	Pipe PP Ø100 X 2000 mm				RP1020IU	
	Pipe SS Ø80 X 250 mm		RP0803RU			
	Pipe SS Ø80 X 500 mm		RP0805RU			
	Pipe SS Ø80 X 1000 mm		RP0810RU			
	Pipe SS Ø100 X 250 mm				RP1003RU	
	Pipe SS Ø100 X 500 mm				RP1005RU	
	Pipe SS Ø100 X 1000 mm				RP1010RU	
Option	Reducer PP					
	Reducer PP Ø80 X Ø100				RV0810PU	
Option	Reducer PP					
	Reducer PP Ø100 X Ø80				RV1008PU	
Option	Roof top extension					
	Roof top ext 125 black 250mm		RBV125PZ		See 80/125	
	Roof top ext 125 red 250mm		RBV125PR		See 80/125	

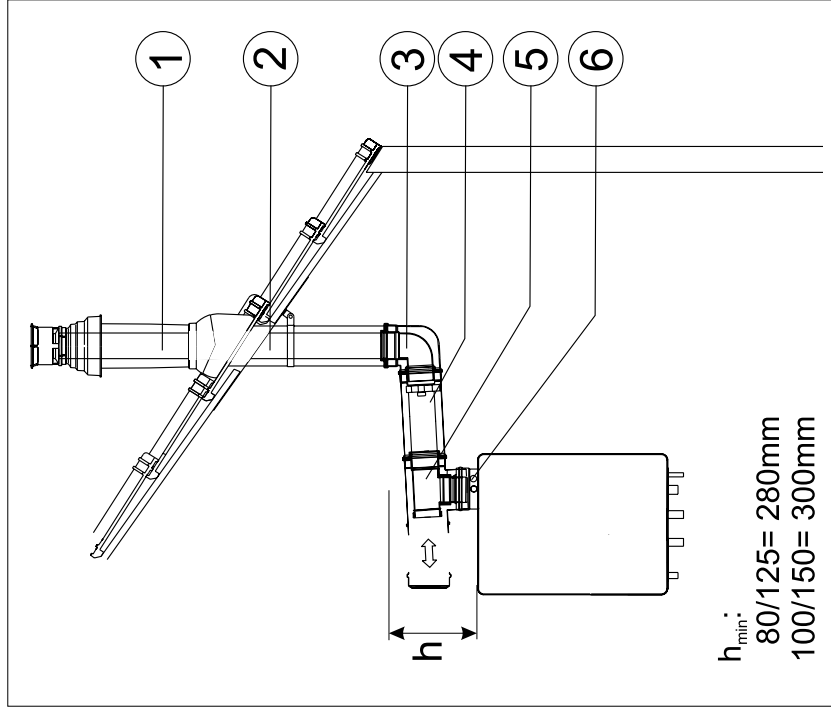
7. Roof terminal concentric with 90° bends

Diameter: 80/125mm
100/150mm

Flue length: See table 1

Material terminal: FS: PP
AI: Metal black or red
Material pipes: FS: PP transparent
AI: Metal white

Different roof tiles for roof terminal are available.



7	Position	Description	80/125		100/150	
			Nr.	Art.Nr.	Nr.	Art.Nr.
1	Concentric Roof terminal					
	Roof terminal Ø80/125 PP/MZ black		1	RD0813PZ		See 80/125
	Roof terminal Ø80/125 PP/MR red			RD0813PR		See 80/125
2	Roof slate					
	Roof slate univ. 125 Black		1	RPU125PZ		See 80/125
	Roof slate rapid 125 black			RPS125PZ		See 80/125
	Roof slate F.furter 125 black			RPF125PZ		See 80/125
	Roof slate univ. 125 red			RPU125PR		See 80/125
	Roof slate rapid 125 red			RPS125PR		See 80/125
	Roof slate F.furter 125 red			RPF125PR		See 80/125
	Roof slate univ. lead 125			RPU125LZ		See 80/125
3	Bend concentric PP/ Metal White					
	Bend PP-MW Ø80 X Ø125 15°			R150813P		
	Bend PP-MW Ø80 X Ø125 45°			R450813P		
	Bend PP-MW Ø80 X Ø125 90°		1	R870813P		
	Bend PP-MW Ø100 X Ø150 15°					R151015P
	Bend PP-MW Ø100 X Ø150 45°					R451015P
	Bend PP-MW Ø100 X Ø150 90°				1	R871015P
4	Pipe concentric PP Metal White					
	Pipe Conc Ø80 X Ø125 X 250 mm			R081303P		
	Pipe Conc Ø80 X Ø125 X 500 mm		1	R081305P		
	Pipe Conc Ø80 X Ø125 X 1Mtr			R081310P		
	Pipe Conc Ø80 X Ø125 X 2 Mtr			R081320P		
	Pipe Conc Ø100 X Ø150 X 250 mm					R101503P
	Pipe Conc Ø100 X Ø150 X 500 mm				1	R101505P
	Pipe Conc Ø100 X Ø150 X 1Mtr					R101510P
	Pipe Conc Ø100 X Ø150 X 2 Mtr					R101520P
5	Inspection T-piece PP-MW conc					
	Inspection T. Ø80 X Ø125 conc		1	RT0813PU		
	Inspection T. Ø100 X Ø150 conc				1	RT1015PU
6	Concentric flue adaptor					
	Concentrisch aansluitstuk met meetpunt		1	AA1CA05U		See 80/125
Option	Roof top extension					
	Roof top ext 125 black 250mm			RBV125PZ		See 80/125
	Roof top ext 125 red 250mm			RBV125PR		See 80/125
Option	Conc. reducer PP/MW male fem.					
	Conc.reducer Ø80/125 X Ø100/150					RV1315PU
Option	Conc. Reducer PPMW Male fem.					
	Conc.reducer Ø100/150 X Ø80/125					RV1513PU

8. Rigid flue gas through chimney

Diameter: 80/125mm
100/150mm

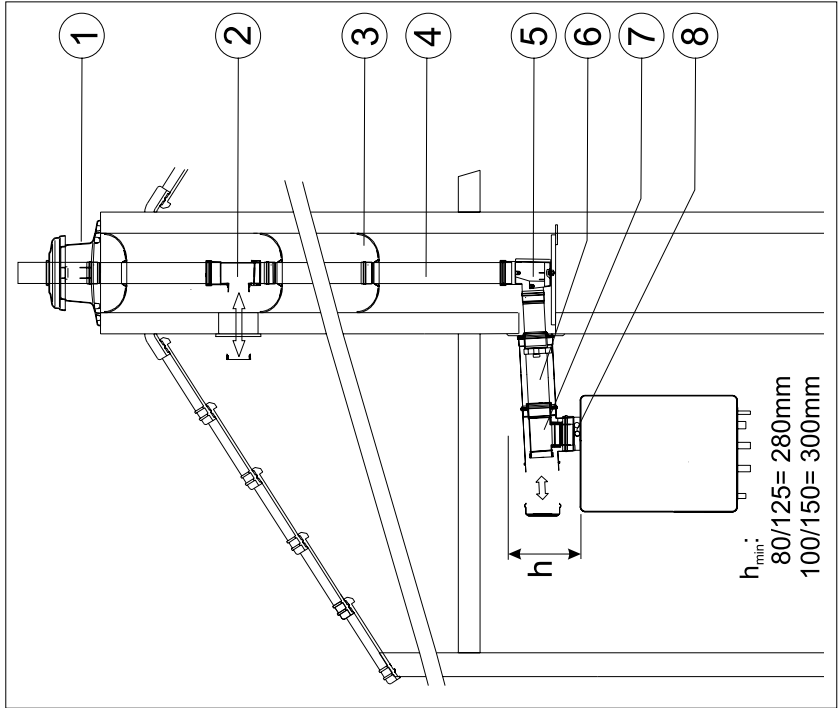
Flue lenght: See table 1

Material chimney cover: FS: Stainless Steel

AI: PP black

Material pipes: FS:: PP transparent

AI: Metal white



8	Position	Description	80/125		100/150	
			Nr.	Art.Nr.	Nr.	Art.Nr.
	1	Chimney top cover				
		Chimney top cover Ø80	1	RSA080PU		
		Chimney top cover Ø100				RSA100PU
	2	Pipe single PP				
		Pipe PP Ø80 X 250 mm		RP0803IU		
		Pipe PP Ø80 X 500 mm		RP0805IU		
		Pipe PP Ø80 X 1000 mm		RP0810IU		
		Pipe PP Ø80 X 2000 mm	1	RP0820IU		
		Pipe PP Ø100 X 250 mm				RP1003IU
		Pipe PP Ø100 X 500 mm				RP1005IU
		Pipe PP Ø100 X 1000 mm				RP1010IU
		Pipe PP Ø100 X 2000 mm			1	RP1020IU
	3	Distance holder rigid				
		Distance holder rigid Ø80	1	RAH080SU		
		Distance holder rigid Ø100				RAH100SU
	4	Chimney bend				
		Chimney bend PP Ø80x87°	1	RBS080PU		
		Chimney bend PP Ø100x87°			1	RBS100PU
	5	Pipe concentric PP Metal White				
		Pipe Conc Ø80 X Ø125 X 250 mm		R081303P		
		Pipe Conc Ø80 X Ø125 X 500 mm		R081305P		
		Pipe Conc Ø80 X Ø125 X 1Mtr	1	R081310P		
		Pipe Conc Ø80 X Ø125 X 2 Mtr		R081320P		
		Pipe Conc Ø100 X Ø150 X 250 mm				R101503P
		Pipe Conc Ø100 X Ø150 X 500 mm				R101505P
		Pipe Conc Ø100 X Ø150 X 1Mtr			1	R101510P
		Pipe Conc Ø100 X Ø150 X 2 Mtr				R101520P
	6	Inspection T-piece PP-MW conc				
		Inspection T. Ø80 X Ø125 conc	1	RT0813PU		
		Inspection T. Ø100 X Ø150 conc			1	RT1015PU
	7	Concentric flue adaptor				
		Concentric flue adaptor	1	AA1CA05U		
						See 80/125
Option		Conc. reducer PP/MW male fem.				
		Conc.reducer Ø80/125 X Ø100/150				RV1315PU
Option		Conc. Reducer PP/MW Male fem.				
		Conc.reducer Ø100/150 X Ø80/125				RV1513PU

9. Flexible flue gas through chimney

Diameter: 80/125mm
100/150mm

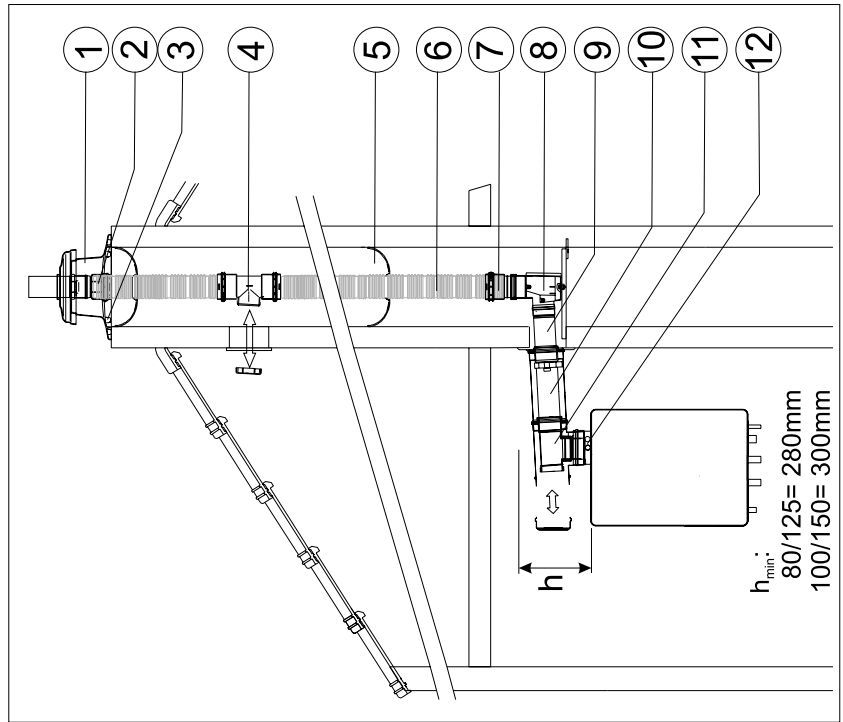
Flue lenght: See table 1

Material chimney cover: FS: Stainless Steel

AI: PP black

Material pipes: FS:: PP transparant

AI: Metal white



9	Position	Description	80/125	100/150
			Nr.	Art.Nr.
1	Chimney top cover	Chimney top cover Ø80	1	RSA080PU
		Chimney top cover Ø100		RSA100PU
2	Connection pieces	Connection flex/rigid Ø80	1	RAF080PU
		Connection flex/rigid Ø100		RAF100PU
3	Mounting tripod flex metal	Mounting tripod flex metal Ø80	1	RMK080RU
		Mounting tripod flex metal Ø100		RMK100RU
4	Pipe flex PP	Pipe PP flex Ø80 X 12.5 mtr		RF0813PU
		Pipe PP flex Ø80 X 25 mtr	1	RF0825PU
		Pipe PP flex Ø100 X 12.5 mtr		RF1013PU
		Pipe PP flex Ø100 X 25 mtr		RF1025PU
5	Distance holder flex	Distance holder flex Ø80/Ø100	1	RAH000FU
6	Connection pieces	Connection rigid/flex. Ø80	1	RAS080PU
		Connection rigid/flex. Ø100		RAS100PU
7	Chimney bend	Chimney bend PP Ø80x87°	1	RBS080PU
		Chimney bend PP Ø100x87°		RBS100PU
8	Pipe single PP	Pipe PP Ø80 X 250 mm		RP0803IU
		Pipe PP Ø80 X 500 mm	1	RP0805IU
		Pipe PP Ø80 X 1000 mm		RP0810IU
		Pipe PP Ø80 X 2000 mm		RP0820IU
		Pipe PP Ø100 X 250 mm		RP1003IU
		Pipe PP Ø100 X 500 mm	1	RP1005IU
		Pipe PP Ø100 X 1000 mm		RP1010IU
		Pipe PP Ø100 X 2000 mm		RP1020IU
9	Pipe concentric PP Metal White	Pipe Conc Ø80 X Ø125 X 250 mm		R081303P
		Pipe Conc Ø80 X Ø125 X 500 mm		R081305P
		Pipe Conc Ø80 X Ø125 X 1Mtr	1	R081310P
		Pipe Conc Ø80 X Ø125 X 2 Mtr		R081320P
		Pipe Conc Ø100 X Ø150 X 250 mm		R101503P
		Pipe Conc Ø100 X Ø150 X 500 mm		R101505P
		Pipe Conc Ø100 X Ø150 X 1Mtr	1	R101510P
		Pipe Conc Ø100 X Ø150 X 2 Mtr		R101520P
10	Inspection T-piece PP-MW conc	Inspection T. Ø80 X Ø125 conc	1	RT0813PU
		Inspection T. Ø100 X Ø150 conc		RT1015PU
11	Concentric flue adaptor	Concentric flue adaptor	1	AA1CA05U
				See 80/125
Option	Conc. reducer PP/MW male fem.	Conc. reducer Ø80/125 X Ø100/150		RV1315PU
Option	Conc. Reducer PP/MW Male fem.	Conc. reducer Ø100/150 X Ø80/125		RV1513PU

10. Rigid flue gas through chimney and open boiler

Diameter: 80mm
100mm

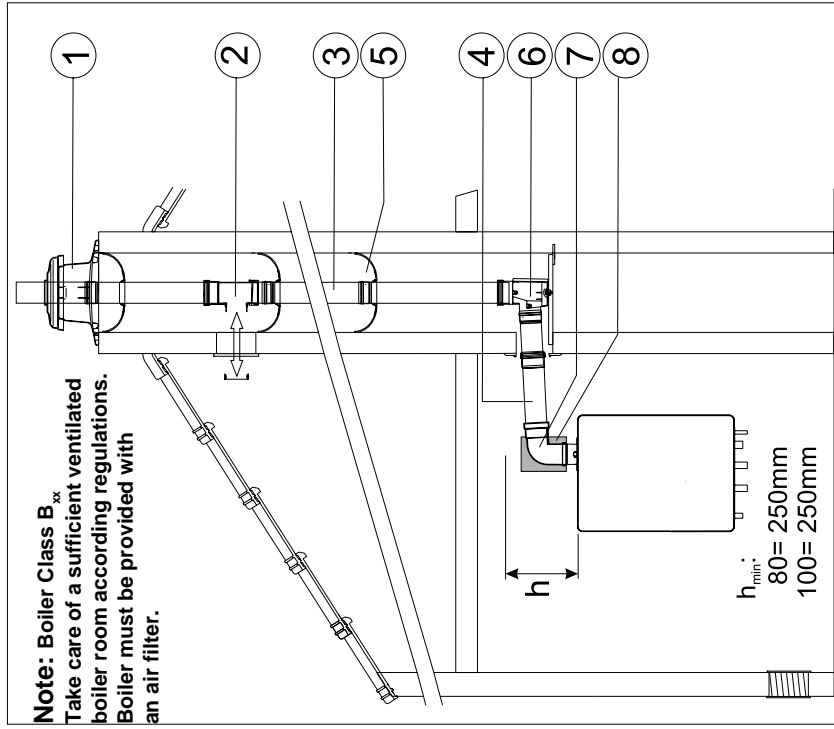
Flue lenght: See table 1

Material chimney cover: FS: Stainless Steel

AI: PP black

Material pipes: FS:: PP transparant/Stainless Steel

AI: Air filter black



10		80		100	
Position	Description	Nr.	Art.Nr.	Nr.	Art.Nr.
1	Chimney top cover				
	Chimney top cover Ø80	1	RSA080PU		
	Chimney top cover Ø100				RSA100PU
2	Inspection T-piece PP				
	Inspection T-piece PP Ø80	1	RT0080PU		
	Inspection T-piece PP Ø100				RT0100PU
3	Pipe single PP				
	Pipe PP Ø80 X 250 mm		RP0803IU		
	Pipe PP Ø80 X 500 mm	2	RP0805IU		
	Pipe PP Ø80 X 1000 mm	1	RP0810IU		
	Pipe PP Ø80 X 2000 mm	2	RP0820IU		
	Pipe PP Ø100 X 250 mm				RP1003IU
	Pipe PP Ø100 X 500 mm				RP1005IU
	Pipe PP Ø100 X 1000 mm				RP1010IU
	Pipe PP Ø100 X 2000 mm				RP1020IU
4	Pipe single SS				
	Pipe SS Ø80 X 250 mm		RP0803RU		
	Pipe SS Ø80 X 500 mm		RP0805RU		
	Pipe SS Ø80 X 1000 mm	1	RP0810RU		
	Pipe SS Ø100 X 250 mm				RP1003RU
	Pipe SS Ø100 X 500 mm				RP1005RU
	Pipe SS Ø100 X 1000 mm				RP1010RU
5	Distance holder rigid				
	Distance holder rigid Ø80	1	RAH080SU		
	Distance holder rigid Ø100				RAH100SU
6	Chimney bend				
	Chimney bend PP Ø80x87°	1	RBS080PU		
	Chimney bend PP Ø100x87°				RBS100PU
7	Elbow SS				
	Elbow SS Ø80 X 90°		RB0887RU		
	Elbow SS Ø100 X 90°				RB1087RU
8	Filter				
	Filter airtake Ø80	1	DFL080KU		See 80/125

All flue gas parts, which are outside the fire resistant cover, need to be in stainless steel.

11. Flexible flue gas through chimney and open boiler

Diameter: 80mm
100mm

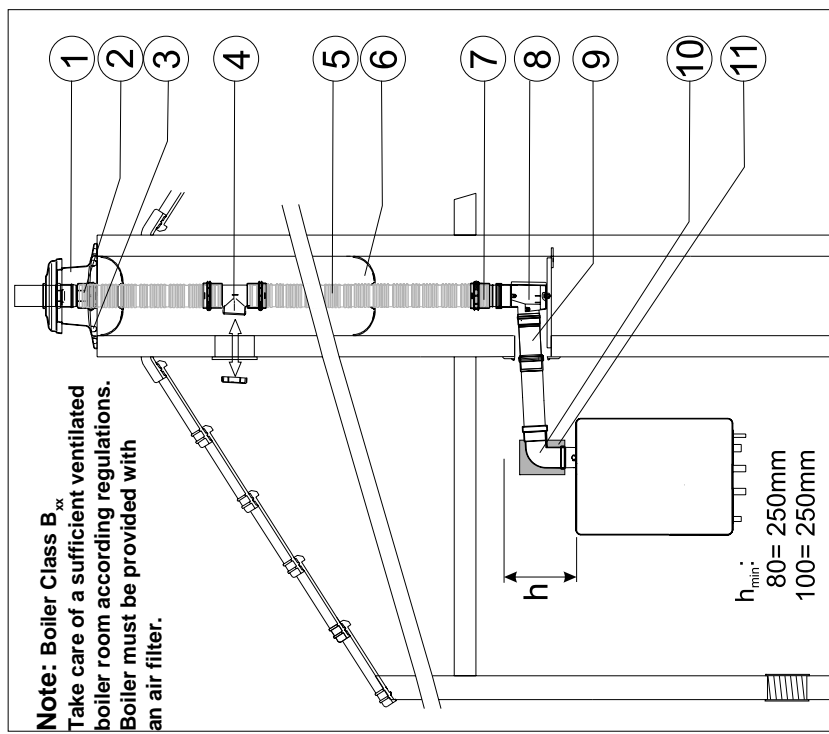
Flue lenght: See table 1

Material chimney cover: FS: Stainless Steel

AI: PP black

Material pipes: FS:: PP transparant/Stainless Steel

AI: Air filter black



! All flue gas parts, which are outside the fire resistant cover, need to be in stainless steel.

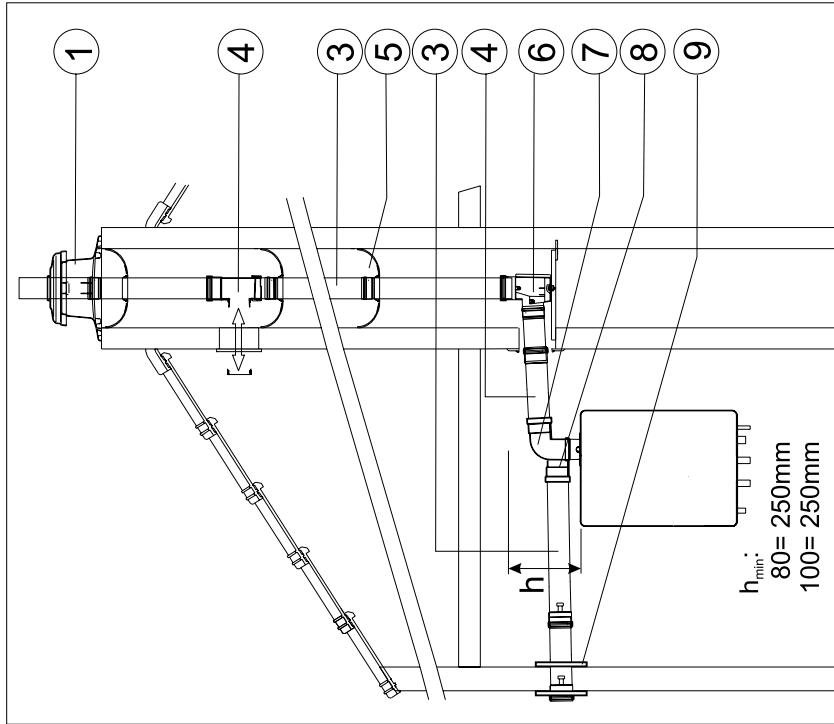
11	Position	Description	80		100	
			Nr.	Art.Nr.	Nr.	Art.Nr.
1	Chimney top cover	Chimney top cover Ø80	1	RSA080PU		
		Chimney top cover Ø100			1	RSA100PU
2	Connection pieces	Connection flex/rigid Ø80	1	RAF080PU		
		Connection flex/rigid Ø100			1	RAF100PU
3	Mounting tripod flex metal	Mounting tripod flex metal Ø80	1	RMK080RU		
		Mounting tripod flex metal Ø100			1	RMK100RU
4	Inspection T-piece flex	Inspection T flex/flex Ø80	1	RTF080PU		
		Inspection T flex/flex Ø100			1	RTF100PU
5	Pipe flex PP	Pipe PP flex Ø80 X 25 mtr	1	RF0825PU		
		Pipe PP flex Ø100 X 25 mtr			1	RF1025PU
6	Distance holder flex	Distance holder flex Ø80/Ø100	1	RAH000FU		
		Distance holder flex Ø80/Ø100			1	RAH000FU
7	Connection pieces	Connection rigid/flex. Ø80	1	RAS080PU		
		Connection rigid/flex. Ø100			1	RAS100PU
8	Chimney bend	Chimney bend PP Ø80x87°	1	RBS080PU		
		Chimney bend PP Ø100x87°			1	RBS100PU
9	Pipe single SS	Pipe SS Ø80 X 250 mm		RP0803RU		
		Pipe SS Ø80 X 500 mm		RP0805RU		
		Pipe SS Ø80 X 1000 mm		RP0810RU		
		Pipe SS Ø100 X 250 mm				RP1003RU
		Pipe SS Ø100 X 500 mm				RP1005RU
		Pipe SS Ø100 X 1000 mm				RP1010RU
10	Elbow SS	Elbow SS Ø80 X 90°		RB0887RU		
		Elbow SS Ø100 X 90°				RB1087RU
11	Filter	Filter airtake Ø80	1	DFL080KU		
						See 80/125

12. Rigid flue gas through chimney with air supply through wall

Diameter: 80mm
100mm

Flue length: See table 1

Material chimney cover: FS: Stainless Steel
AI: PP black
FS:: PP transparent/Stainless Steel
AI: PP transparent



! All flue gas parts, which are outside the fire resistant cover, need to be in stainless steel.

12 Position	Description	80		100	
		Nr.	Art.Nr.	Nr.	Art.Nr.
1	Chimney top cover				
	Chimney top cover Ø80	1	RSA080PU		
	Chimney top cover Ø100			1	RSA100PU
2	Inspection T-piece PP				
	Inspection T-piece PP Ø80	1	RT0080PU		
	Inspection T-piece PP Ø100			1	RT0100PU
3	Pipe single PP				
	Pipe PP Ø80 X 250 mm		RP0803IU		
	Pipe PP Ø80 X 500 mm	2	RP0805IU		
	Pipe PP Ø80 X 1000 mm	1	RP0810IU		
	Pipe PP Ø80 X 2000 mm	2	RP0820IU		
	Pipe PP Ø100 X 250 mm				RP1003IU
	Pipe PP Ø100 X 500 mm			2	RP1005IU
	Pipe PP Ø100 X 1000 mm			1	RP1010IU
	Pipe PP Ø100 X 2000 mm			2	RP1020IU
4	Pipe single SS				
	Pipe SS Ø80 X 250 mm		RP0803RU		
	Pipe SS Ø80 X 500 mm		RP0805RU		
	Pipe SS Ø80 X 1000 mm		RP0810RU		
	Pipe SS Ø100 X 250 mm				RP1003RU
	Pipe SS Ø100 X 500 mm				RP1005RU
	Pipe SS Ø100 X 1000 mm				RP1010RU
5	Distance holder rigid				
	Distance holder rigid Ø80	1	RAH080SU		
	Distance holder rigid Ø100			1	RAH100SU
6	Chimney bend				
	Chimney bend PP Ø80x87°				
	Chimney bend PP Ø100x87°	1	RBS080PU	1	RBS100PU
7	Elbow PP				
	Elbow PP Ø80 X 15°		RB0815IU		
	Elbow PP Ø80 X 45°		RB0845IU		
	Elbow PP Ø80 X 90°	1	RB0887IU		
	Elbow PP Ø100 X 15°				RB1015IU
	Elbow PP Ø100 X 45°				RB1045IU
	Elbow PP Ø100 X 90°			1	RB1087IU
8	Elbow SS				
	Elbow SS Ø80 X 45°		RB0845RU		
	Elbow SS Ø80 X 90°	1	RB0887RU		
	Elbow SS Ø100 X 45°				RB1045RU
	Elbow SS Ø100 X 90°			1	RB1087RU

13. Flexible flue gas through chimney with air supply through wall

Diameter: 80mm
100mm

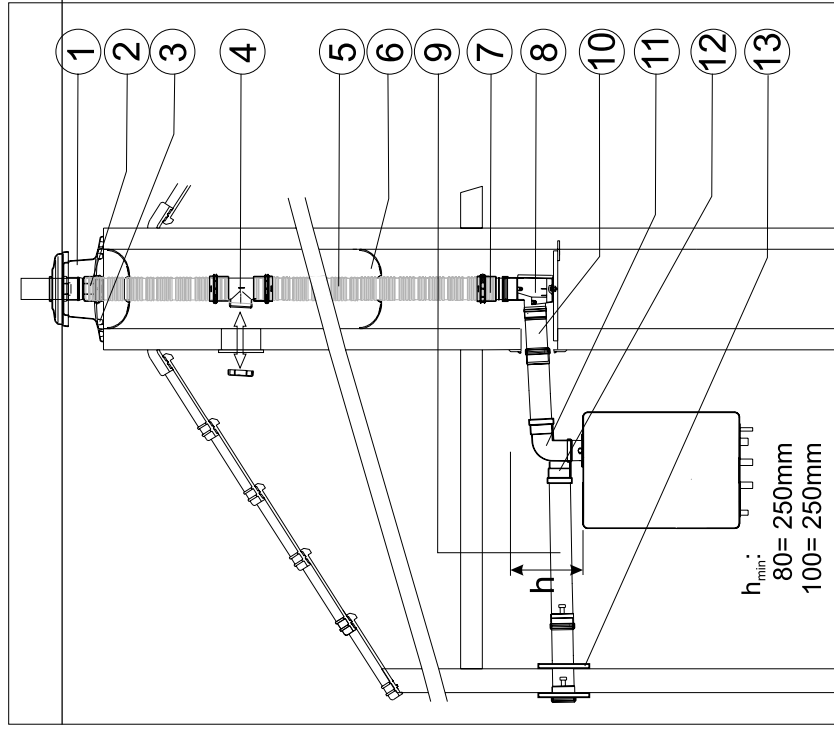
Flue lenght: See table 1

Material chimney cover: FS: Stainless Steel

AI: PP black

Material pipes: FS:: PP transparent/Stainless Steel

AI: PP transparent



! All flue gas parts, which are outside the fire resistant cover, need to be in stainless steel.

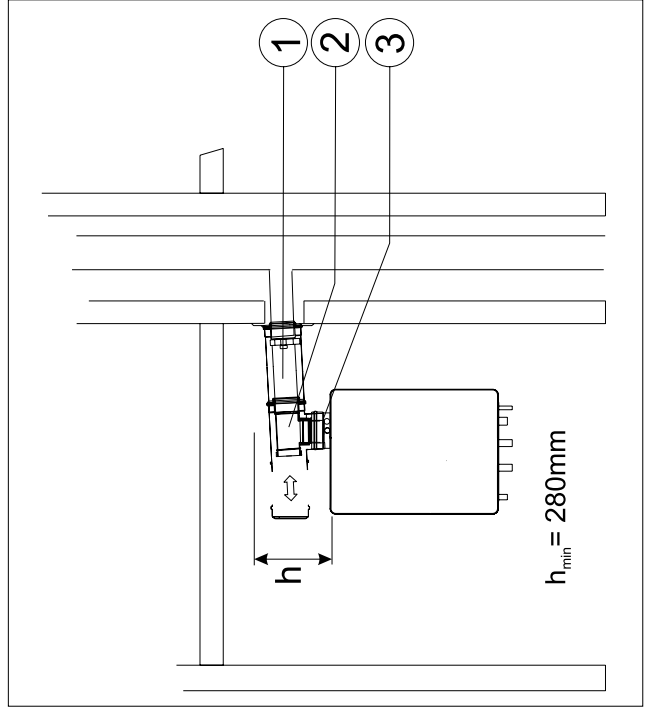
13	Position	Description	Nr.	Art.Nr.	Nr.	100	Art.Nr.
	1	Chimney top cover					
		Chimney top cover Ø80	1	RSA080PU			
		Chimney top cover Ø100			1	RSA100PU	
	2	Connection pieces					
		Connection flex/rigid Ø80	1	RAF080PU			
		Connection flex/rigid Ø100			1	RAF100PU	
	3	Mounting tripot flex metal					
		Mounting tripot flex metal Ø80	1	RMK080RU			
		Mounting tripot flex metal Ø100			1	RMK100RU	
	4	Inspection T-piece flex					
		Inspection T flex/flex Ø80	1	RTF080PU			
		Inspection T flex/flex Ø100			1	RTF100PU	
	5	Pipe flex PP					
		Pipe PP flex Ø80 X 25 mtr	1	RF0825PU			
		Pipe PP flex Ø100 X 25 mtr			1	RF1025PU	
	6	Distance holder flex					
		Distance holder flex Ø80/Ø100	1	RAH000FU			
	7	Connection pieces					
		Connection rigid/flex. Ø80	1	RAS080PU			
		Connection rigid/flex. Ø100			1	RAS100PU	
	8	Chimney bend					
		Chimney bend PP Ø80x87°					
		Chimney bend PP Ø100x87°	1	RBS080PU			
	9	Pipe single PP					
		Pipe PP Ø80 X 250 mm					
		Pipe PP Ø80 X 500 mm					
		Pipe PP Ø80 X 1000 mm	1	RP0810IU			
		Pipe PP Ø80 X 2000 mm					
		Pipe PP Ø100 X 250 mm					
		Pipe PP Ø100 X 500 mm					
		Pipe PP Ø100 X 1000 mm					
		Pipe PP Ø100 X 2000 mm					
	10	Pipe single SS					
		Pipe SS Ø80 X 250 mm					
		Pipe SS Ø80 X 500 mm					
		Pipe SS Ø80 X 1000 mm	1	RP0810RU			
		Pipe SS Ø100 X 250 mm					
		Pipe SS Ø100 X 500 mm					
		Pipe SS Ø100 X 1000 mm					
		Pipe SS Ø100 X 2000 mm					
	11	Elbow SS					
		Elbow SS Ø80 X 45°					
		Elbow SS Ø80 X 90°	1	RB0887RU			
		Elbow SS Ø100 X 45°					
		Elbow SS Ø100 X 90°					
	12	Elbow PP					
		Elbow PP Ø80 X 15°					
		Elbow PP Ø80 X 45°					
		Elbow PP Ø80 X 90°	1	RB0887IU			
		Elbow PP Ø100 X 15°					
		Elbow PP Ø100 X 45°					
		Elbow PP Ø100 X 90°					
	13	Wall cover					
		Wall cover Ø80					
		Wall cover Ø100					
							RMA100PU

14. Collective Air intake and Flue gas system CAF

Diameter 80/125mm

Flue lenght: See table 1

Material pipes: FS: PP transparant
AI: Metal white



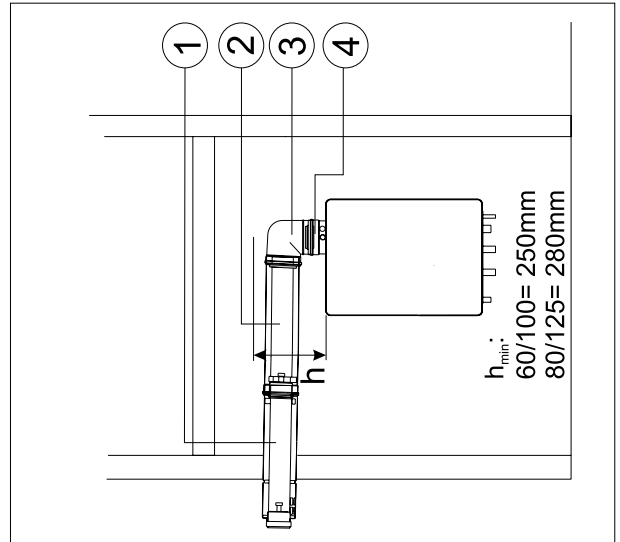
14	Position	Description	Nr.	80/125 Art.Nr.
	1	Pipe concentric PP Metal White		
		Pipe Conc Ø80 X Ø125 X 250 mm		R081303P
		Pipe Conc Ø80 X Ø125 X 500 mm		R081305P
		Pipe Conc Ø80 X Ø125 X 1Mtr	1	R081310P
		Pipe Conc Ø80 X Ø125 X 2 Mtr		R081320P
	2	Inspection T-piece PP-MW conc		
		Inspection T.Ø80 X Ø125 conc	1	RT0813PU
	3	Concentric flue adaptor		
		Concentric flue adaptor	1	AA1CA05U

15. Concentric wall terminal

Diameter 60/100mm
80/125mm

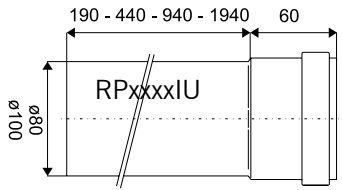
Flue lenght: See table 1

Material wall terminal: FS: PP
AI: Metal white
Material pipes: FS: PP transparent
AI: Metal white

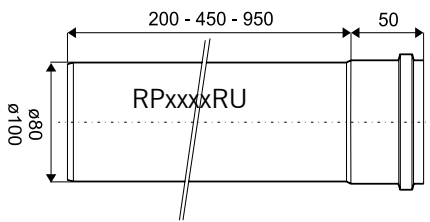


15	Position	Description	60/100		80/125	
			Nr.	Art.Nr.	Nr.	Art.Nr.
	1	Concentric Wall Terminal				
		Conc wall terminal Ø60-Ø100	1	RG0610PU		
		Conc wall terminal Ø80-Ø125			1	RG0813PU
	2	Pipe concentric PP Metal White				
		Pipe Conc Ø60 X Ø100 X 250 mm		R061003P		
		Pipe Conc Ø60 X Ø100 X 500 mm		R061005P		
		Pipe Conc Ø60 X Ø100 X 1Mtr	1	R061010P		
		Pipe Conc Ø60 X Ø100 X 2 Mtr		R061020P		
		Pipe Conc Ø80 X Ø125 X 250 mm				R081303P
		Pipe Conc Ø80 X Ø125 X 500 mm				R081305P
		Pipe Conc Ø80 X Ø125 X 1Mtr			1	R081310P
		Pipe Conc Ø80 X Ø125 X 2 Mtr				R081320P
	3	Inspection Elbow/T-piece PP-MW conc				
		Bend inc checkpoint Ø60 X Ø100	1	RBM0610U		
		Inspection T.Ø80 X Ø125 conc			1	RT0813PU
	4	Adaptor/Concentric flue adaptor				
		Boiler connection adapter ø60/100	1	AA0001AU		
		Concentric flue adaptor			1	AA1CA05U

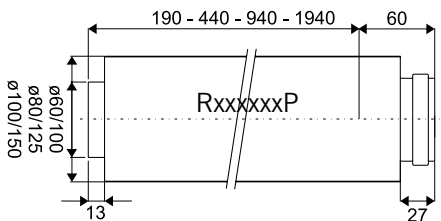
12. Parts Flue Gas System



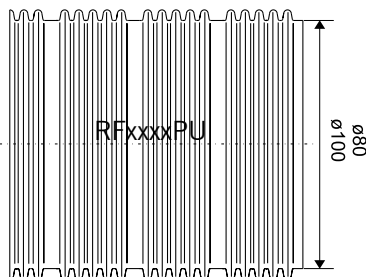
Art.nr.	Description
	Pipe single PP
RP0803IU	Pipe PP Ø80 X 250 mm
RP0805IU	Pipe PP Ø80 X 500 mm
RP0810IU	Pipe PP Ø80 X 1000 mm
RP0820IU	Pipe PP Ø80 X 2000 mm
RP1003IU	Pipe PP Ø100 X 250 mm
RP1005IU	Pipe PP Ø100 X 500 mm
RP1010IU	Pipe PP Ø100 X 1000 mm
RP1020IU	Pipe PP Ø100 X 2000 mm



Art.nr.	Description
	Pipe single SS
RP0803RU	Pipe SS Ø80 X 250 mm
RP0805RU	Pipe SS Ø80 X 500 mm
RP0810RU	Pipe SS Ø80 X 1000 mm
RP1003RU	Pipe SS Ø100 X 250 mm
RP1005RU	Pipe SS Ø100 X 500 mm
RP1010RU	Pipe SS Ø100 X 1000 mm

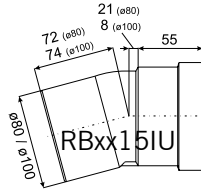
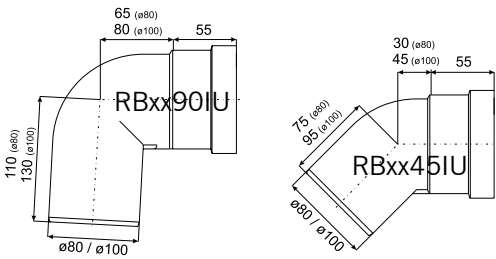


Art.nr.	Description
	Pipe concentric PP Metal White
R061003P	Pipe Conc Ø60 X Ø100 X 250 mm
R061005P	Pipe Conc Ø60 X Ø100 X 500 mm
R061010P	Pipe Conc Ø60 X Ø100 X 1Mtr
R061020P	Pipe Conc Ø60 X Ø100 X 2 Mtr
R081303P	Pipe Conc Ø80 X Ø125 X 250 mm
R081305P	Pipe Conc Ø80 X Ø125 X 500 mm
R081310P	Pipe Conc Ø80 X Ø125 X 1Mtr
R081320P	Pipe Conc Ø80 X Ø125 X 2 Mtr
R101503P	Pipe Conc Ø100 X Ø150 X 250 mm
R101505P	Pipe Conc Ø100 X Ø150 X 500 mm
R101510P	Pipe Conc Ø100 X Ø150 X 1Mtr
R101520P	Pipe Conc Ø100 X Ø150 X 2 Mtr



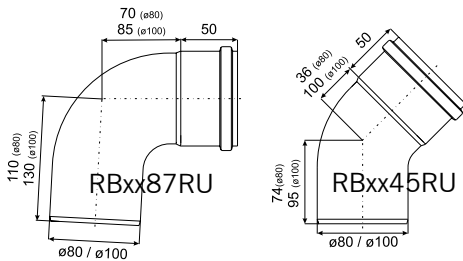
Art.nr.	Description
	Pipe flex PP
RF0813PU	Pipe PP flex Ø80 X 12,5 mtr
RF0825PU	Pipe PP flex Ø80 X 25 mtr
RF1013PU	Pipe PP flex Ø100 X 12,5 mtr
RF1025PU	Pipe PP flex Ø100 X 25 mtr

Art.nr.	Description
	Elbow PP
RB0815IU	Elbow PP Ø80 X 15°
RB0845IU	Elbow PP Ø80 X 45°
RB0887IU	Elbow PP Ø80 X 90°
RB1015IU	Elbow PP Ø100 X 15°
RB1045IU	Elbow PP Ø100 X 45°
RB1087IU	Elbow PP Ø100 X 90°



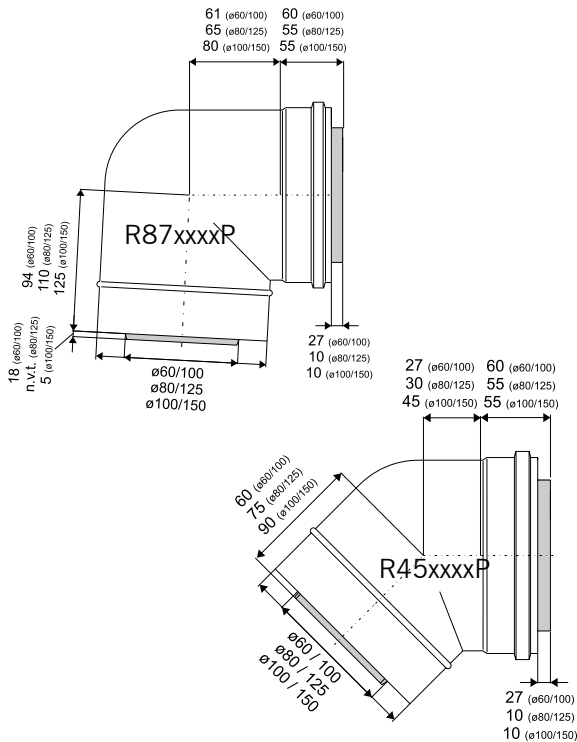
Verslepen		PP	
80	15°	45°	90°
A in mm	22	75	175
100	15°	45°	90°
A in mm	97	99	210

Art.nr.	Description
	Elbow SS
RB0845RU	Elbow SS Ø80 X 45°
RB0887RU	Elbow SS Ø80 X 90°
RB1045RU	Elbow SS Ø100 X 45°
RB1087RU	Elbow SS Ø100 X 90°

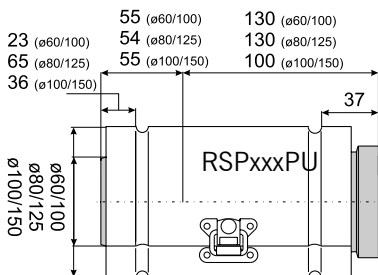


Verslepen		RVS	
80	15°	45°	90°
A in mm	22	78	180
100	15°	45°	90°
A in mm	138	138	215

Art.nr.	Description
	Bend concentric PP/ Metal White
R151006P	Bend PP-MW Ø60 X Ø100 15°
R451006P	Bend PP-MW Ø60 X Ø100 45°
R871006P	Bend PP-MW Ø60 X Ø100 90°
R150813P	Bend PP-MW Ø80 X Ø125 15°
R450813P	Bend PP-MW Ø80 X Ø125 45°
R870813P	Bend PP-MW Ø80 X Ø125 90°
R151015P	Bend PP-MW Ø100 X Ø150 15°
R451015P	Bend PP-MW Ø100 X Ø150 45°
R871015P	Bend PP-MW Ø100 X Ø150 90°



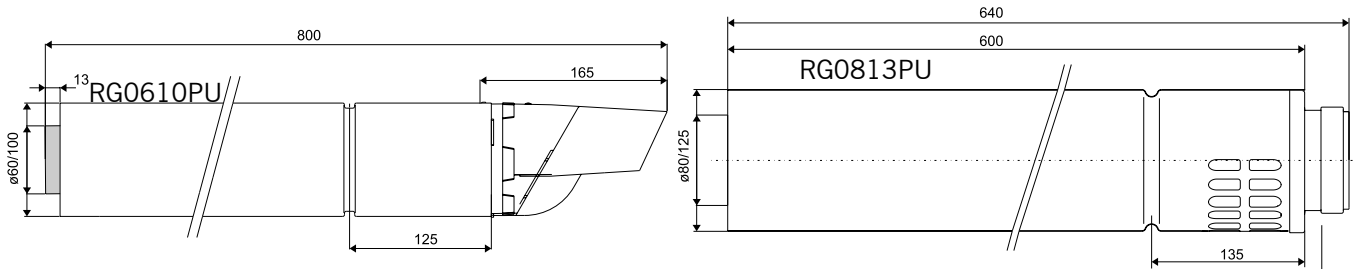
Verslepen		PP/MW	
60/100	15°	45°	90°
A in mm	59	62	173
80/125	15°	45°	90°
A in mm	22	75	175
100/150	15°	45°	90°
A in mm	97	99	210



Art.nr.	Description
	Sliding Piece telescopic PP MW
RSP006PU	Sliding piece Ø60/100X50-100
RSP008PU	Sliding piece Ø80/125X50-130
RSP010PU	Sliding piece Ø100/150X50-100

Art.nr.	Description
	Concentric Wall Terminal
RG0610PU	Conc wall terminal Ø60-Ø100
RG0813PU	Conc wall terminal Ø80-Ø125

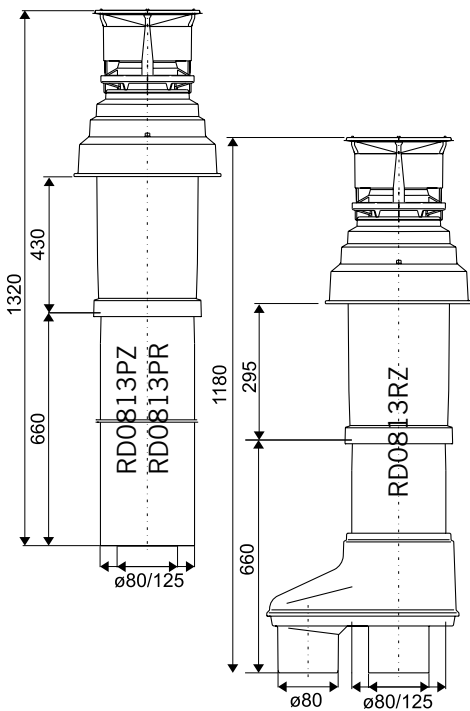
Including cover plates MW (2x)



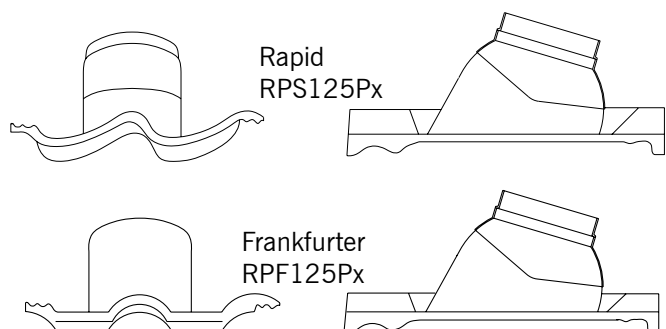
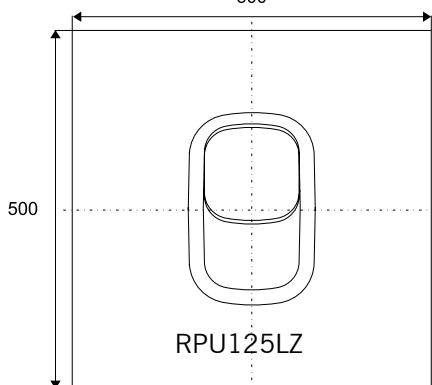
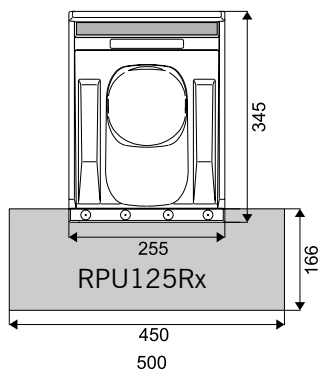
Art.nr.	Description
	Concentric Roof terminal
RD0813PZ	Roof terminal Ø80/125 PP/MZ black
	Concentric Roof terminal
RD0813PR	Roof terminal Ø80/125 PP/MR red
	Roof terminal with 2 x Ø80 PP adaptor
RD0813RZ	Roof Term Ø80/125 +Ø80 adaptor

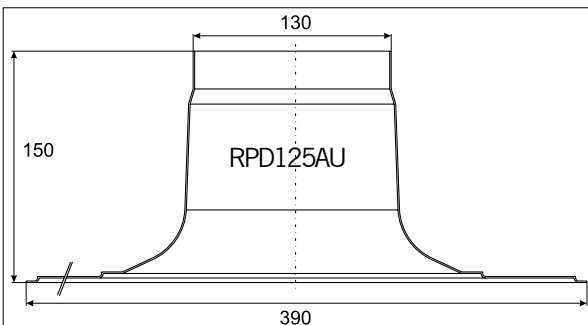
Including:

- Finishing plates (2x)
- Mounting bracket
- Rain cover

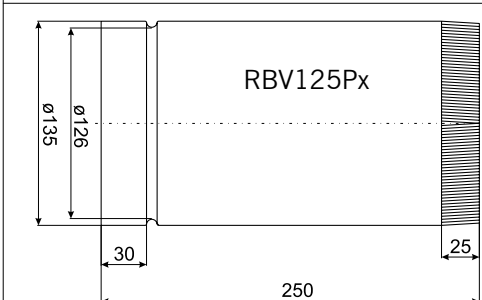


Art.nr.	Description
	Roof slates
RPU125PR	Roof slate univ. 125 red
RPU125PZ	Roof slate univ. 125 Black
RPU125LZ	Roof slate univ. lead 125
RPS125PZ	Roof slate rapid 125 black
RPS125PR	Roof slate rapid 125 red
RPF125PZ	Roof slate F.furter 125 black
RPF125PR	Roof slate F.furter 125 red

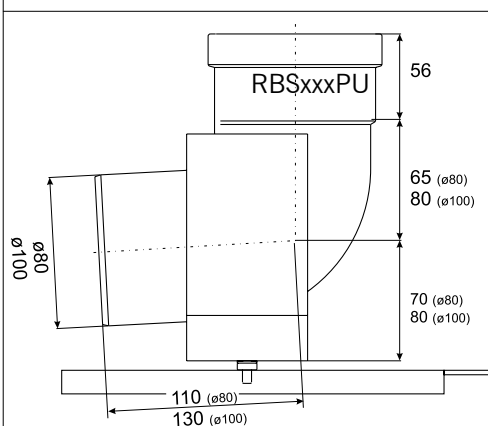




Art.nr.	Description
	Flat roof slate
RPD125AU	Flat roof slate 125 ALU

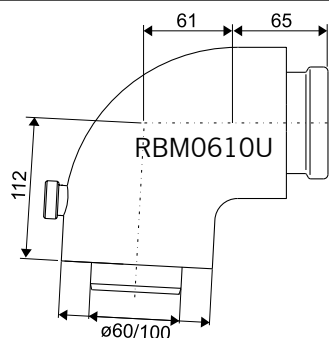


Art.nr.	Description
	Roof top extension
RBV125PZ	Roof top ext 125 black 250mm
	Roof top extension
RBV125PR	Roof top ext 125 red 250mm

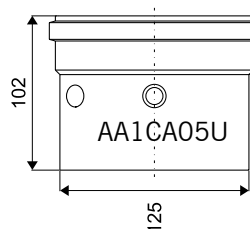


Art.nr.	Description
	Chimney bend
RBS080PU	Chimney bend PP Ø80x87°
RBS100PU	Chimney bend PP Ø100x87°

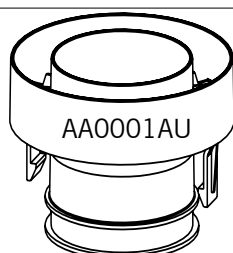
Including rail



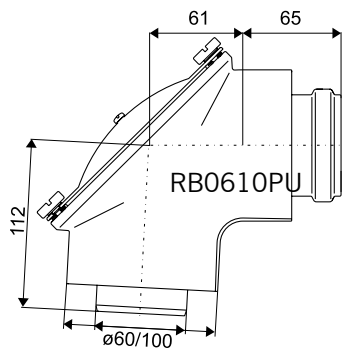
Art.nr.	Description
	Conc. Check bend
RBM0610U	Bend inc checkpoint Ø60 X Ø100



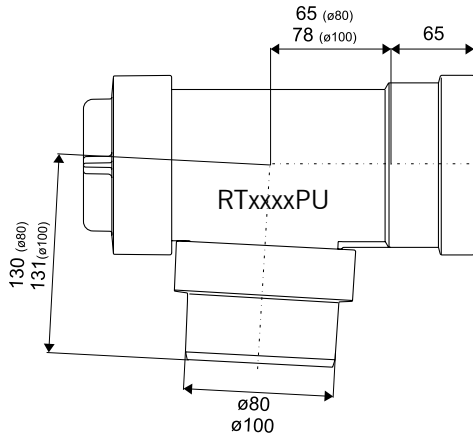
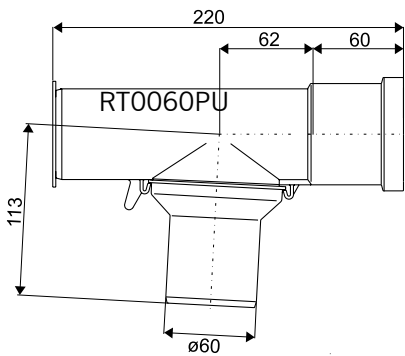
Art.nr.	Description
	Concentric flue adaptor
AA1CA05U	Concentric flue adaptor



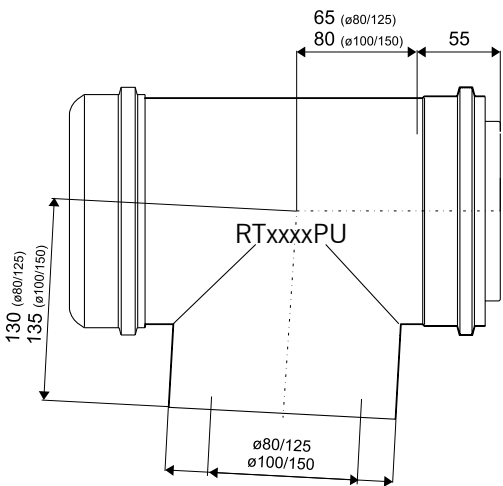
Art.nr.	Description
	Boiler connection adapter Ø60/100
AA0001AU	Boiler connection adapter Ø60/100



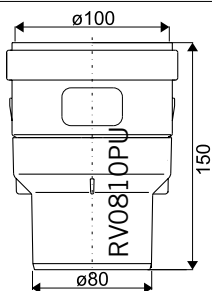
Art.nr.	Description
	Conc.inspection bend
RB0610PU	Insp. bend PP-MW Ø60 X Ø100



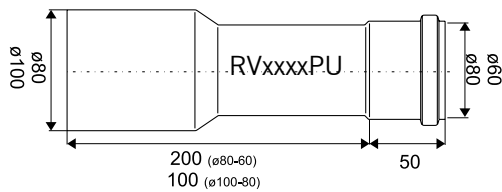
Art.nr.	Description
	Inspection T-piece PP
RT0060PU	Inspection T-piece PP Ø60
RT0080PU	Inspection T-piece PP Ø80
RT0100PU	Inspection T-piece PP Ø100



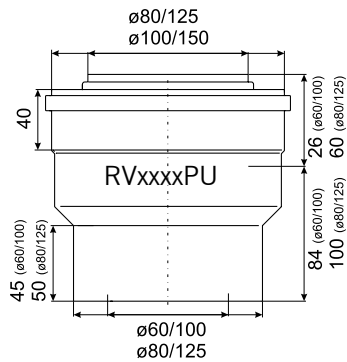
Art.nr.	Description
	Inspection T-piece PP-MW conc
RT0610PU	Inspection T.Ø60 X Ø100 conc
RT0813PU	Inspection T.Ø80 X Ø125 conc
RT1015PU	Inspection T.Ø100 X Ø150 conc



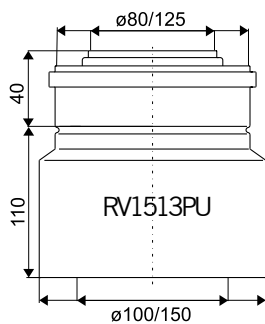
Art.nr.	Description
	Reducer PP male fem.
RV0810PU	Reducer PP Ø80 X Ø100



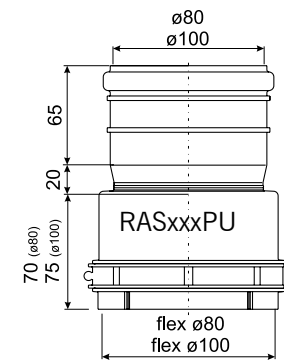
Art.nr.	Description
	Reducer PP Male fem.
RV1008PU	Reducer PP Ø100 X Ø80



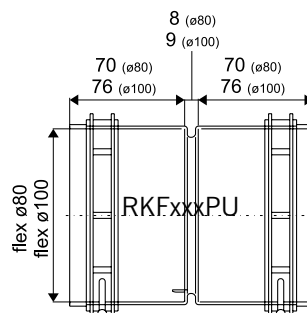
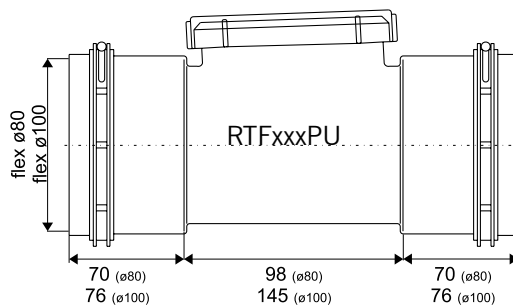
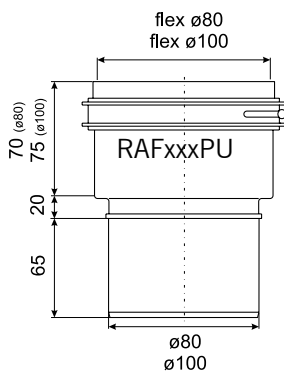
Art.nr.	Description
	Conc. reducer PP/MW male fem.
RV1013PU	Conc.reducer Ø60/100 X Ø80/125
RV1315PU	Conc.reducer Ø80/125 X Ø100/150

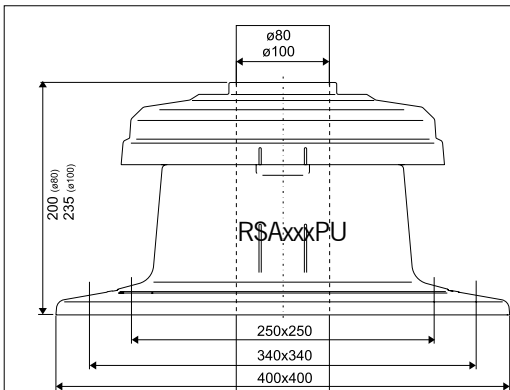


Art.nr.	Description
	Conc. Reducer PP/MW Male fem.
RV1513PU	Conc.reducer Ø100/150 X Ø80/125



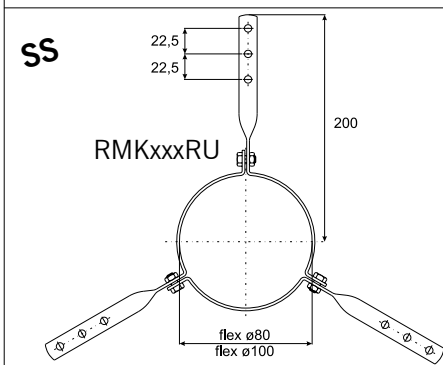
Art.nr.	Description
	Connection pieces
RAS080PU	Connection rigid/flex. Ø80
RAS100PU	Connection rigid/flex. Ø100
RAF080PU	Connection flex/rigid Ø80
RAF100PU	Connection flex/rigid Ø100
RTF080PU	Inspection T flex/flex Ø80
RTF100PU	Inspection T flex/flex Ø100
RKF080PU	Connection flex/flex Ø80
RKF100PU	Connection flex/flex Ø100



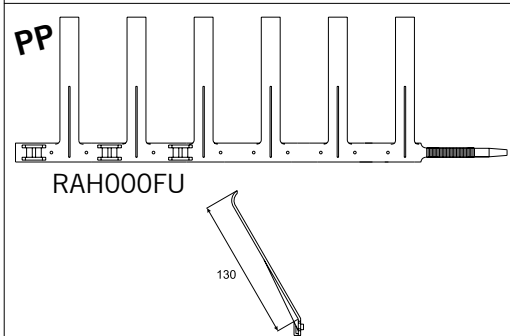


Art.nr.	Description
	Chimney top cover
RSA080PU	Chimney top cover Ø80
RSA100PU	Chimney top cover Ø100

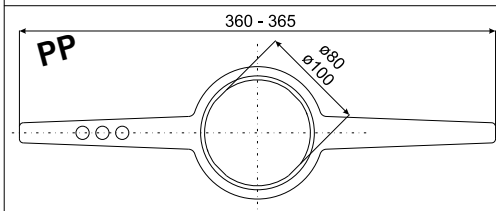
Including:
 - SS pipe 30cm
 - 4 screws



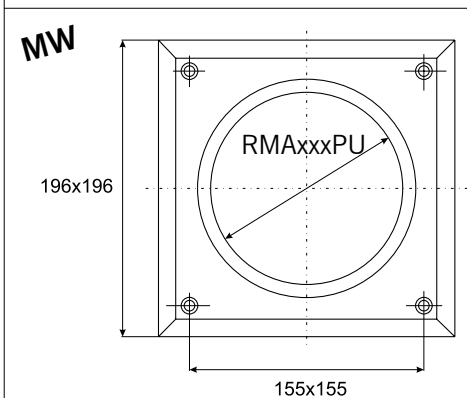
Art.nr.	Description
	Mounting tripot flex metal
RMK080RU	Mounting tripot flex metal Ø80
RMK100RU	Mounting tripot flex metal Ø100



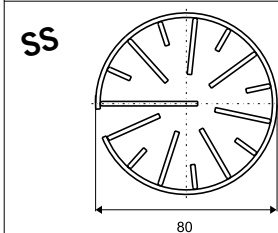
Art.nr.	Description
	Distance holder flex
RAH000FU	Distance holder flex Ø80/Ø100



Art.nr.	Description
	Distance holder rigid
RAH080SU	Distance holder rigid Ø80
RAH100SU	Distance holder rigid Ø100



Art.nr.	Description
	Wall cover
RMA080PU	Wall cover Ø80
RMA100PU	Wall cover Ø100
RMA125PU	Wall cover Ø125
RMA150PU	Wall cover Ø150



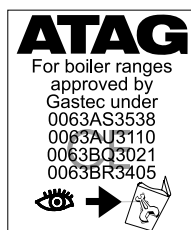
Art.nr.	Description
	Grid
RR0800RU	Grid Ø80

Short Guidelines

The flue gas and air intake systems described in this document suited for the combination with ATAG Central heating boilers with the HR label. For this the boiler approval certificate is complemented under GasTec no: 0063AS3538, 0063AU3110, 0063BQ3021 and 0063BR3405.

To guarantee a good functioning of the system the following guidelines have to be taken into account.

- Use for air intake and flue gas local rules and regulations and also country specific legislation.
- Check if the boiler used is allowed with the flue gas system used according to the type plate.
- Check if the diameter, length ratio is correct in accordance with the type of boiler used. See table 1
- All horizontal duct parts should have an angle of 3° (5 cm/m) towards the boiler, so that formed condensate will run back to the boiler.
- ATAG supplies 2 colours of roof terminals red and black so that the colour can be adjusted to the colour of the roof tiles.
- Read this document carefully for installing and selecting the correct system.
- All components of the ATAG flue gas program are provided with the sticker below. Using components not provided with this sticker can lead to losing the CE marking of the flue gas system and of the boiler and therefore the warranty.



CE 0063AS3538 and 0063AU3110 Gastec CE Approval dossier

Important:

- The ATAG MONOPASS Flue gas system is only suitable for ATAG central heating boilers. For a cascade flue gas system we would like you to use the MULTIPASS manual
- Only use parts delivered by ATAG only on these parts in combination with ATAG Boilers there is a CE Approval.

ATAG

H e a t i n g

Ditributor for UK

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