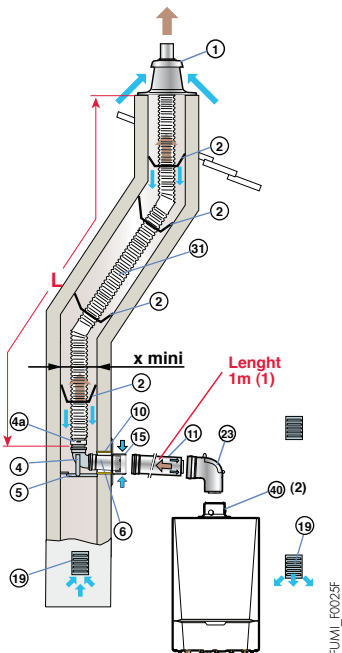


6 CONFIGURATION B_{23p} - CONNECTION TO A CHIMNEY USING PPS PIPES (COMBUSTIVE AIR TAKEN FROM THE BOILER ROOM)

**MODULENS G[®], TWINEO, ELIDENS DTG 130-45,
QUADRODENS, INNOVENS PRO MCA 45, INNOVENS MCA, VIVADENS**



	Equivalent length (m)		
connect. Ø (mm)	80 rigid	80 flex	80/125
87° elbow	1,9	-	1,5
45° elbow	1,2	-	1,0
30° elbow	0,4	-	-
15° elbow	0,2	-	-
Inspection T	4,2	-	2,7
Straight inspection pipe	0,3	0,3	0,6
Inspection elbow	0,7	-	2,0
Condensates recup.	1,3	-	0,8

(1) For each additional metre of horizontal conduit, remove 1.2 m from the vertical length $L_{\max}$ given in the table opposite.

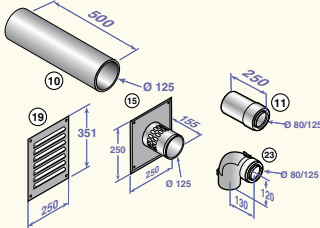
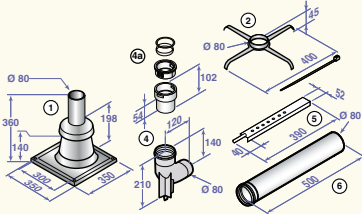
(2) Or location ③ or ③6 where appropriate

Boiler shown: MCA

Boiler type	connect. Ø (mm) - in boiler room - to chimney	Lmax (m) 80/125 80 flex
QUADRODENS DUC 25		40 (*)
ELIDENS DTG 130-45		21
INNOVENS PRO MCA 45		
MODULENS G® AGC 10, 15, 25		40 (*)
TWINEO EGC 25		
INNOVENS MCA 10, 15, 25		
INNOVENS MCA 25/28 MI		40 (*)
INNOVENS MCA 25/28 BIC		
MODULENS G® AGC 35		28 (*)
INNOVENS MCA 35		
VIVADENS MCR 24		23
VIVADENS MCR 24/28 MI		
VIVADENS MCR 24/28 BIC		27 (*)
VIVADENS MCR 30/35 MI		22,5
VIVADENS MCR 34/39 MI		24,5
x mini	☑ (mm)	140
	Ø (mm)	160

(*)  The max height in the flue gas conduit from the support elbow to the outlet must not exceed 25 m (PPS flex). If greater lengths are used, fastening clamps should be added every 25 m.

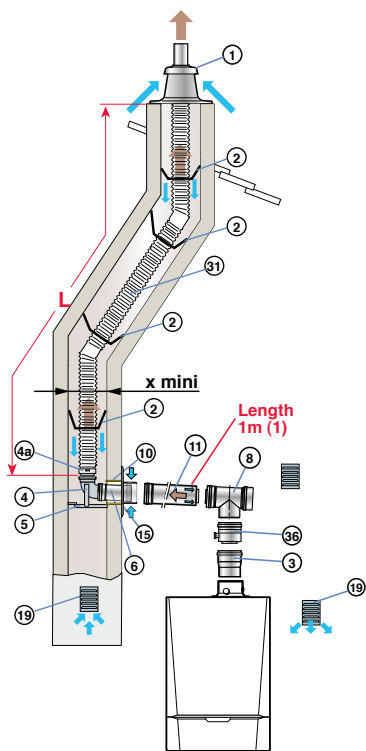
➔ **PPS flue systems accessories needed at the very least for connection to the chimney using rigid pipes in the boiler room and flex pipes in the chimney in configuration B_{23P}**

Description	Diagrams with Dimensions/References	Boiler types	QUADRODENS, VIVADENS	MODULES G [®] AGC, TWINEO EGC, INNOVENS MCA	ELIDENS DTG 130-45, INNOVENS PRO MCA 45
		connect. Ø	80/125	80/125	80/125
		(mm)	80	80	80
		Package/Ref.			
Boiler connection kit Ø 80/125 mm		DY 913 100017527	X	X	X
Chimney connection kit Ø 80 mm flex		DY 895 100015325	X	X	X
Adapter Ø 80/125 mm to 60/100 mm		③ DY 708 84887708	X		
Adapter Ø 80/125 mm		④⑩ HR 38 S100465		X	
Condensates temperator Ø 80/125 mm		③⑥ DY 916 100018981			X
Flex pipe Ø 80 mm L 12.5 m (1)		③① DY 897 100015327	X	X	X

(1) other flex pipe lengths available - see next page

6 CONFIGURATION B_{23p} - CONNECTION TO A CHIMNEY USING PPS PIPES (COMBUSTIVE AIR TAKEN FROM THE BOILER ROOM)

ELIDENS DTG 130-65 TO 115, INNOVENS PRO MCA 65 TO 115



(I) For each additional metre of horizontal conduit, remove 1.2 m from the vertical length L_{max} given in the table opposite.

connect. Ø (mm)	Equivalent length (m)		
	110 rigid	110 flex	110/150
87° elbow	4,9	-	3,7
45° elbow	1,1	-	1,0
Inspection elbow	4,8	-	-
Straight inspection pipe	-	0,5	1,0
Inspection T	5,6	-	2,5
Condensates recup.	0,1	-	0,6

Boiler shown: MCA

Boiler type	connect. Ø (mm) - in boiler room - to chimney	L _{max} (m) 110/150 110 flex
ELIDENS DTG 130-65 INNOVENS PRO MCA 65		29,5 (*)
ELIDENS DTG 130-90 INNOVENS PRO MCA 90		24
ELIDENS DTG 130-115 INNOVENS PRO MCA 115		17,5
x min	□ (mm)	170
	Ø (mm)	190

(*) ⚠ The max height in the flue gas conduit from the support elbow to the outlet must not exceed 25 m (PPS flex). If greater lengths are used, fastening clamps should be added every 25 m.

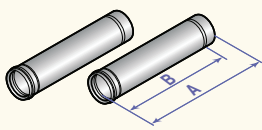
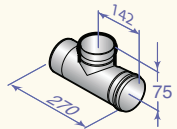
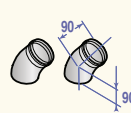
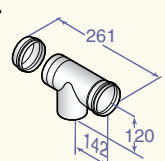
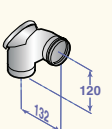
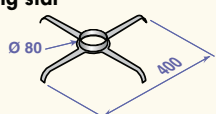
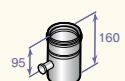
⇒ PPS flue systems accessories needed at the very least for connection to the chimney using rigid pipes in the boiler room and flex pipes in the chimney:

Description	Diagrams with Dimensions/References	Boiler types	ELIDENS DTG 130-65 to 115, INNOVENS PRO MCA 65 to 115
		connect. Ø - in boiler room	110/150
		(mm) - in chimney	110
Package/Ref.			
Boiler connection kit Ø 110/150 mm		DY 914 100017529	X
Chimney connection kit Ø 110 mm flex			

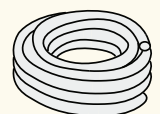
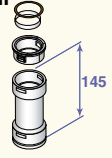
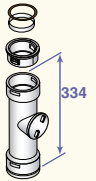
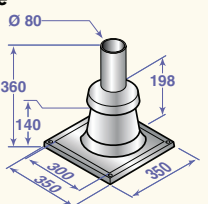
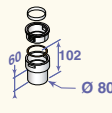
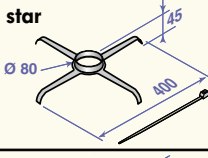
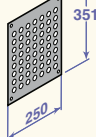
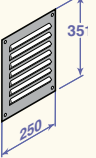
(I) other flex pipe lengths available - see next page

RIGID IN THE BOILER ROOM AND FLEX IN THE CHIMNEY

⇒ Other PPS single flue systems accessories available:

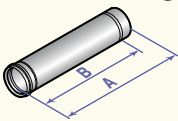
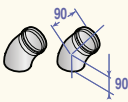
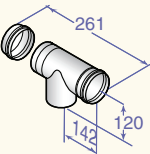
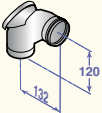
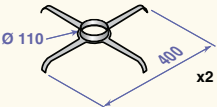
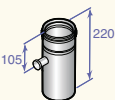
Single extension	⑥	Ø 80 mm	L (mm)	Ref.															
		DY 613	250 (2 pieces)	84887613															
		DY 614	500 (2 pieces)	84887614															
		DY 615	1000 (2 pieces)	84887615															
		DY 150	1950 (2 pieces)	84887550															
<table><tr><td></td><td>A</td><td>B</td></tr><tr><td>DY 613</td><td>250</td><td>200</td></tr><tr><td>DY 614</td><td>500</td><td>450</td></tr><tr><td>DY 615</td><td>1000</td><td>950</td></tr><tr><td>DY 150</td><td>1950</td><td>1900</td></tr></table>		A	B	DY 613	250	200	DY 614	500	450	DY 615	1000	950	DY 150	1950	1900				
	A	B																	
DY 613	250	200																	
DY 614	500	450																	
DY 615	1000	950																	
DY 150	1950	1900																	
Single inspection sleeve	④②	Ø 80 mm		Ref.															
		DY 146		84887546															
Single elbow at 87°	④③	Ø 80 mm	Angle	Ref.															
		DY 152	87°	84887552															
		DY 154	45° (2-pieces)	84887554															
Single elbow at 45°																			
																			
Inspection T single	④④	Ø 80 mm		Ref.															
		DY 163		84887563															
Inspection elbow single	④⑤	Ø 80 mm		Ref.															
		DY 877		100008301															
Centering star	②	Ø 80 mm		Ref.															
		DY 151 (2 pieces)		84887551															
Stainless steel protection screen for roof outlet	③④	Ø 90 mm		Ref.															
		-		300007172															
Condensates recuperator	③⑥	Ø 80 mm		Ref.															
		DY 919		100018985															

⇒ Ø 80/125 mm concentric Alu/PPs flue systems accessories available : see page 25

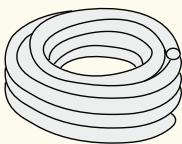
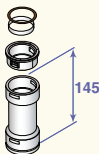
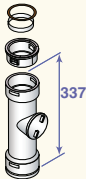
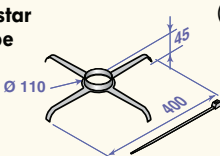
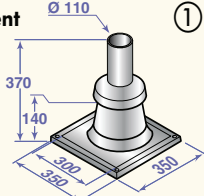
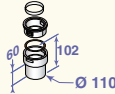
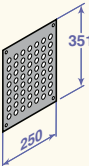
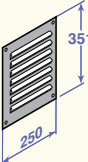
Flex pipe ③① 	Ø 80 mm L (m) Ref. DY 897 12,5 100015327 DY 896 50 100015326
Coupling component for flex pipe ③② 	Ø 80 mm Ref. DY 898 100015328
Inspection pipe for flex pipe ③⑧ 	Ø 80 mm Ref. DY 900 100015330
Insertion tool for flex pipe ③③ 	Ø 80 mm Ref. DY 901 100015331
Air/flue gas vent with flashing for flex pipe ① 	Ø 80 mm Ref. DY 899 100015329
Adapters for flex pipe 	Ø 80 mm Ref. DY 904 100015880
Stainless steel protection screen for roof outlet ③④ 	Ø 90 mm Ref. - 300007172
Centering star for flex pipe ③⑨ 	Ø 80 mm Ref. DY 618 (2 pieces) 84887618
Ventilation screen interior ①⑨ 	Interior ventilation screen Ref. DY 36 84887436
Ventilation screen exterior 	Exterior ventilation screen Ref. DY 35 84887435

RIGID IN THE BOILER ROOM AND FLEX IN THE CHIMNEY

⇒ Other PPS single flue systems accessories available:

Single extension		⑥	Ø 110 mm	L (mm)	Ref.
DY 180	500	450			84887580
DY 179	1000	950			84887579
DY 178	1950	1900			84887578
					
Single elbow at 87°		④3	Ø 110 mm	Angle	Ref.
			DY 181	87°	84887581
			DY 182	45° (2-pieces)	84887582
Single elbow at 45°					
					
Inspection T single		④2	Ø 110 mm		Ref.
			DY 183		84887583
Inspection elbow single		④5	Ø 110 mm		Ref.
			DY 188		84887588
Centering star		②	Ø 110 mm		Ref.
			DY 187 (2 pieces)		84887587
Stainless steel protection screen for roof outlet		③4	Ø 120 mm		Ref.
			-		300007173
Condensates recuperator		③6	Ø 110 mm		Ref.
			DY 917		100018983

⇒ Ø 110/150 mm concentric Alu/PPs flue systems accessories : see page 27

Flex pipe		31	Ø 110 mm DY 889 DY 890	L (m) 15 25	Ref. 100015288 100015289
Coupling component for flex pipe		32	Ø 110 mm DY 891		Ref. 100015321
Inspection pipe for flex pipe		38	Ø 110 mm DY 893		Ref. 100015323
Insertion tool for flex pipe		33	Ø 110 mm DY 894		Ref. 100015324
Centering star for flex pipe		39	Ø 110 mm DY 805 (4 pieces)		Ref. 100002282
Air/flue gas vent with flashing for flex pipe		1	Ø 892 mm DY 892		Ref. 100015322
Adapters for flex pipe			Ø 110 mm DY 905		Ref. 100015881
Stainless steel protection screen for roof outlet		34	Ø 120 mm -		Ref. 300007173
Ventilation screen interior		19	Interior ventilation screen DY 36		Ref. 84887436
Ventilation screen exterior			Exterior ventilation screen DY 35		Ref. 84887435