



ADVANCE



EASYLIFE



PROJECT

FLUE SYSTEMS/ HYDRAULIC MODULES



Flue system accessories

Flue systems for :

ELIDENS, ECODENS, SOLNEO, INNOVENS, VIVADENS AND
QUADRODENS

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GTU C 120 FF, WINGO SFC 25 (E) FF

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GTU C 120, WINGO SFC 25 (E)

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C 230 ECO, C 310/610 ECO

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Hydraulic modules

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Hydraulic modules

FLUE SYSTEMS FOR ECODENS, SOLNEO, ELIDENS, VIVADENS, INNOVENS, QUADRODENS

CLASSIFICATION

- Classification C_{13x}**: Air/flue gas connection through concentric pipes to a horizontal air/flue gas vent (so-called forced flue)
- Classification C_{33x}**: Air/flue gas connection through concentric pipes to a vertical air/flue gas vent (roof outlet)
- Classification C_{33x} (newly C_{93x})**: Air/flue gas connection using concentric pipes in the boiler room and single pipes in the chimney (combustive air in counter current in the chimney) or
- Air/flue gas connection using concentric pipes in the boiler room and single "flex" pipes in the chimney (combustive air in counter current in the chimney)
- Classification C₅₃**: Separate air and flue gas connection using a bi-flow adapter and single pipes (combustive air taken from outside)
- Classification B_{23p}**: Connection to a chimney (combustive air taken from the boiler room).
- Classification B_{23p}**: for cascade installations
- Classification C_{43x}**: Connection to a collective 3 CEP and 3 CE conduit

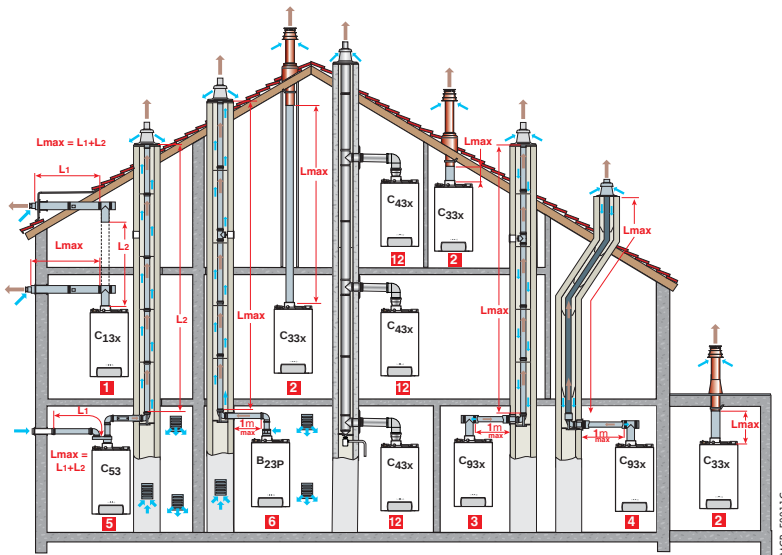


TABLE OF MAXIMUM AIR/FLUE GAS PIPE LENGTHS ADMISSIBLE ACCORDING TO BOILER TYPE

Type of air/flue gas connection			L _{max} : Maximum length of the connecting pipes in m																see page	
			ECODENS SOLNEO	VIVADENS MCR				ELIDENS DTG (E)								INNOVENS MCA				
				24	24/28 MI/BIC	30/35 MI	34/39 MI	130/1300-15	130/1300-25	130-35	130-45	130-65	130-90	130-115	15	25	35	25/28 MI 25/28 BIC		
									QUADRO-DENS DUC 25-...		INNOVENS MC									
	Ø... mm								45	65	90	115								
Concentric pipes connected to a horizontal air/flue gas vent (PPS)	C _{13x}	60/100	12	6	7	4	6	8.4	12	-	-	-	-	-	12	3.5	3.5	4.2	191	
		80/125	-	-	-	-	-	-	-	16	16	-	-	-	12.3	20	17.6	20		
		110/150	-	-	-	-	-	-	-	-	-	9	8	5.9	-	-	-	-		
Concentric pipes connected to a vertical air/flue gas vent (PPS)	C _{33x}	60/100	11.5	-	-	-	-	9	11.5	-	-	-	-	-	13	4.9	-	5.5	192	
		80/125	10	20	20	20	20	4	10	14.5	14.5	-	-	-	10.7	20	19	20		
		110/150	-	-	-	-	-	-	-	-	-	11.5	10	9.4	-	-	-	-		
Pipes - concentric in the boiler room, - single in the chimney (combustive air in counter current) (PPS)	C _{93x} C _{33x}	60/100	13	-	-	-	-	8	13	-	-	-	-	-	15	8.1	2.8	9	193	
		60/100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		80/125	20	18	20	10	12	11	20	-	-	-	-	-	9.9	20	18	20		
		80/125	-	-	-	20	20	-	-	15	15	-	-	-	-	-	20	-		
		110/150	-	-	-	-	-	-	-	11.5	20	-	-	-	-	-	-	-		
Pipes - concentric in the boiler room, - "flex" in the chimney (combustive air in counter current) (PPS)	C _{93x} C _{33x}	110	-	-	-	-	-	-	-	-	-	16	13.2	10	-	-	-	-		
		80/125	17	15.5	19	18	20	11	17	12	12	-	-	-	11.1	20	20	20	194	
		80	-	-	-	-	-	-	-	-	-	16.5	13.5	9.4	-	-	-	-		
Bi-flow adapter and separate single air/flue gas pipes (combustive air taken from outside) (Aluminium)	C ₅₃	110	-	-	-	-	-	-	-	-	-	16.5	13.5	9.4	-	-	-	-		
		60/100 to 2x80	16	40	40	30	32.5	23	16	-	-	-	-	-	40	40	32	40	195	
		80/125 to 2x80	-	-	-	-	-	-	-	20.5	20.5	-	-	-	-	-	-	-		
In the chimney (rigid or flex) (combustive air taken from the premises) (PPS)	B _{23p}	100/150 to 2x100	-	-	-	-	-	-	-	-	-	23	17.5	16	-	-	-	-		
		80 (rigid)	23	33	37	19	33	23	23	23.5	23.5	-	-	-	40	40	40	40	196	
		110 (rigid)	-	-	-	-	-	-	-	-	-	40	40	40	-	-	-	-		
		80 (flex)	40	23	27	22.5	24.5	40	40	21	21	-	-	-	40	40	28	40		
Collective 3 CEP conduit	C _{43x}	For dimensioning such a system, consult the 3 CEP conduit provider See page 198																		

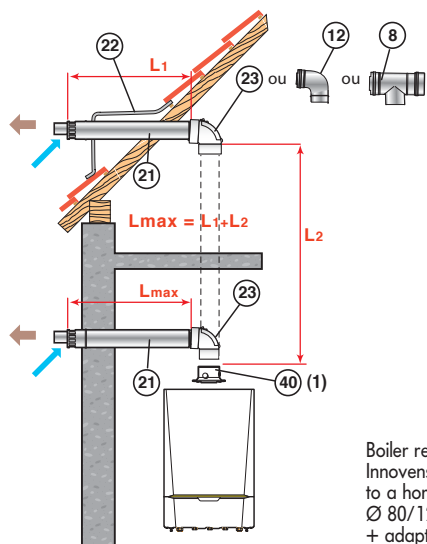
Attention: **Maximum L** is measured by adding the lengths of the straight air/flue gas pipes and the equivalent lengths of the other sections:

- Ø 60/100 mm (Aluminium): 87° elbow: 1.1 m, 45° elbow: 0.8 m, condensates recuperator: 1.4 m
- Ø 80/125 mm (Aluminium): 87° elbow: 1 m, 45° elbow: 0.8 m, condensates recuperator: 1 m
- Ø 80 mm (Aluminium): 87° elbow: 1.2 m, 45° elbow: 0.9 m, inspection T: 2.8 m, straight inspection: 0.5 m
- Ø 100 mm (Aluminium): 87° elbow: 5 m, 45° elbow: 1.2 m, inspection T: 5.3 m, straight inspection: 0.5 m
- Ø 60/100 mm (PPS): 87° elbow: 1.1 m, 45° elbow: 0.8 m, 30° elbow: 0.7 m, 15° elbow: 0.5 m, inspection T: 2.2 m, straight inspection: 0.5 m
- Ø 60 mm (PPS): 87° elbow: 1.1 m, 45° elbow: 0.6 m, 30° elbow: 0.9 m, 15° elbow: 0.6 m, inspection T: 2.9 m, straight inspection: 0.3 m
- Ø 80/125 mm (PPS): 87° elbow: 1.5 m, 45° elbow: 1 m, inspection T: 2.6 m, straight inspection: 0.6 m, inspection elbow: 2 m
- Ø 80 mm (PPS): Inspection pipe for flex pipe: 0.3 m, 87° elbow: 1.9 m, 45° elbow: 1.2 m, 30° elbow: 0.4 m, 15° elbow: 0.2 m, inspection T: 4.2 m, straight inspection: 0.3 m, inspection elbow: 0.7 m
- Ø 110/150 mm (PPS): 87° elbow: 3.7 m, 45° elbow: 1 m, inspection T: 2.5 m, straight inspection: 1 m
- Ø 110 mm (PPS): 87° elbow: 4.9 m, 45° elbow: 1.1 m, inspection elbow: 4.8 m, Inspection pipe for flex pipe: 0.5 m

Important: Our gas-boilers have been designed, tested and approved using the air/flue gas pipes proposed in our catalogue, pursuant to the requirements of the prevailing NF EN 483 and XPD 35-430 standards. We guarantee the safety and correct operation of our boilers when they are installed with the approved flue systems and under the conditions recommended in our technical documentation.

FLUE SYSTEMS FOR ECODENS, SOLNEO, ELIDENS, VIVADENS, INNOVENS, QUADRODENS

1 Classification C_{13x} - Concentric horizontal forced flue (connection to an external wall or a roof outlet)



Boiler represented:
Innovens MCA connected
to a horizontal air/flue
Ø 80/125 mm (DY882)
+ adapter (HR 38)

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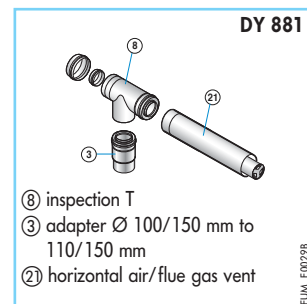
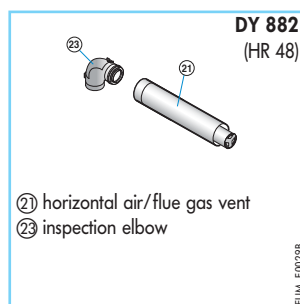
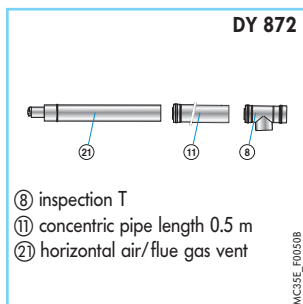
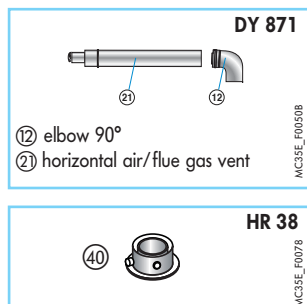
	Lmax (m)		
	Ø 60/100 mm	Ø 80/125 mm	Ø 110/150 mm
ECODENS, SOLNEO	12	-	-
MCR 24	6	-	-
MCR 24/28 MI, MCR 24/28 BIC	7	-	-
MCR 30/35 MI	4	-	-
MCR 34/39 MI	6	-	-
DTG (E) 130/1300-15, DTG (E) 130/1300-25	8.4 12	- -	- -
QUADRODENS DUC 25-...	-	-	-
DTG (E) 130/1300-35	-	16	-
MC 45, DTG 130-45	-	16	-
MC 65, DTG 130-65	-	-	9
MC 90, DTG 130-90	-	-	8
MC 115, DTG 130-115	-	-	5.9
MCA 15	12	12.3	-
MCA 25	3.5	20	-
MCA 35	3.5	17.6	-
MCA 25/28 MI, MCA 25/28 BIC	4.2	20	-

Nota: For Ecodens, Solneo and Vivadens, the inspection T ② is replaced by a 90° elbow: the installation of an inspection sleeve between the terminal and the elbow is recommended
(1) or location ③ where appropriate

PPS FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION TO A HORIZONTAL AIR/FLUE GAS VENT

Boiler type	Connection Ø	Horizontal forced flue	Adapter
Ecodens, Solneo	Ø 60/100 mm	Package n° DY 871 (1)	-
		Ref. 100008296	-
Vivadens MCR	Ø 60/100 mm	Package n° DY 871 (1)	-
		Ref. 100008296	-
Elidens DTG (E) 130/1300-15/25... Quadrodens DUC 25-...	Ø 60/100 mm	Package n° DY 872 (1)	-
		Ref. 100008297	-
Elidens DTG (E) 130/1300-35/45 Innovens MC 45	Ø 80/125 mm	Package n° DY 882	-
		Ref. 100011365	-
Elidens DTG 130/65/90/115 Innovens MC 65/90/115	Ø 110/150 mm	Package n° DY 881	-
		Ref. 100011364	-
Innovens MCA 15, 25, 35 Innovens MCA 25/28 BIC Innovens MCA 25/28 MI	Ø 60/100 mm	Package n° HR 48 (1)	-
		Ref. 100013756	-
	Ø 80/125 mm	Package n° DY 882	HR 38
		Ref. 100011365	S100465

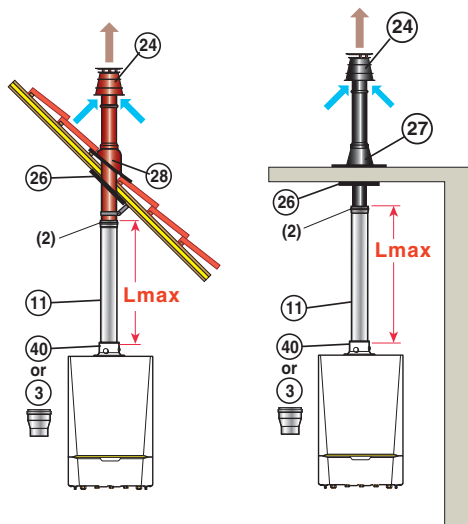
(1) accessories delivered as standard with the boiler, with horizontal air/flue gas vent



REFERENCE FOR THE OTHER PPS ACCESSORIES AVAILABLE : see page 205

FLUE SYSTEMS FOR ECODENS, SOLNEO, ELIDENS, VIVADENS, INNOVENS, QUADRODENS

2 Classification C_{33x} - Concentric vertical forced flue (connection to sloping roof or flat roof)



Boiler represented:
Innovens MCA
connected to a
vertical air/flue gas
vent Ø 80/125 mm
(DY 843) + adapter
(HR 38)

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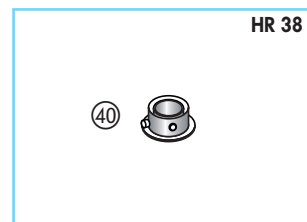
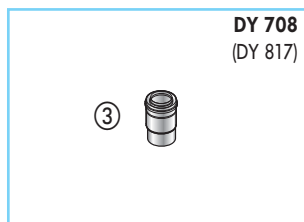
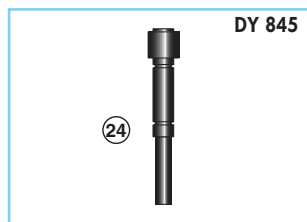
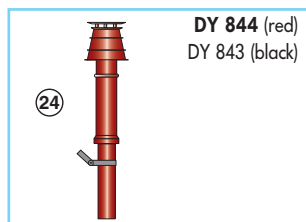
	Lmax (m)		
	Ø 60/100 mm	Ø 80/125 mm	Ø 110/150 mm
ECODENS, SOLNEO	11.5	10	-
MCR 24	-	20	-
MCR 24/28 MI, MCR 24/28 BIC	-	20	-
MCR 30/35 MI	-	20	-
MCR 34/39 MI	-	20	-
DTG (E) 130/1300-15	9	4	-
DTG (E) 130/1300-25, QUADRODENS DUC 25-...	11.5	10	-
DTG (E) 130/1300-35	-	14.5	-
MC 45, DTG 130-45	-	14.5	-
MC 65, DTG 130-65	-	-	11.5
MC 90, DTG 130-90	-	-	10
MC 115, DTG 130-115	-	-	9.4
MCA 15	13	10.7	-
MCA 25	4.9	20	-
MCA 35	-	19	-
MCA 25/28 MI, MCA 25/28 BIC	5.5	20	-

PPS FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION TO A VERTICAL AIR/FLUE GAS VENT

Boiler type	Connection Ø	Package n°	Vertical air/flue gas vent		Adapter
Ecodens, Solneo	Ø 60/100 mm (2)	Ref. 100002732	DY 843 (1) (black)	or DY 844 (red)	DY 708 (1) (Ø 80/125 to 60/100)
	Ø 80/125 mm		Ref. 100002732		84887708
Vivadens MCR...	Ø 80/125 mm	Ref. 100002732	DY 843 (1) (black)	or DY 844 (red)	DY 708 (1) (Ø 80/125 to 60/100)
			Ref. 100002732		84887708
Elidens DTG (E) 130/1300-15/25 Quadrodens DUC 25-...	Ø 60/100 mm (2)	Ref. 100002732	DY 843 (1) (black)	or DY 844 (red)	DY 708 (1) (Ø 80/125 to 60/100)
	Ø 80/125 mm		Ref. 100002732		84887708
Elidens DTG (E) 130/1300-35/45 Innovens MC 45	Ø 80/125 mm	Ref. 100002732	DY 843 (black)	or DY 844 (red)	-
			Ref. 100002732		-
Elidens DTG 130/65/90/115 Innovens MC 65/90/115	Ø 110/150 mm	Ref. 100002734	DY 845 (black)		DY 817 (Ø 110/150 to 100/150 mm)
			Ref. 100002734		100002357
Innovens MCA 15/25, Innovens MCA 25/28 MI, Innovens MCA 25/28 BIC	Ø 60/100 mm (2)	Ref. 100002732	DY 843 (1) (black)	or DY 844 (red)	DY 708
			Ref. 100002732		84887708
	Ø 80/125 mm	Ref. 100002732	DY 843 (1) (black)	or DY 844 (red)	HR 38 (1)
			Ref. 100002732		S100465
Innovens MCA 35	Ø 80/125 mm	Ref. 100002732	DY 843 (1) (black)	or DY 844 (red)	HR 38 (1)
			Ref. 100002732		S100465

(1) accessories delivered as standard with the boiler with vertical air/flue gas vent

(2) to link these boilers in Ø 60/100 mm, the adapter (3) (DY 708) is to be directly placed on the base of the vertical terminal



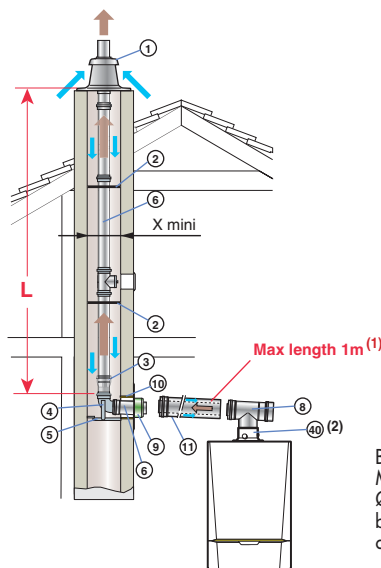
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REFERENCE FOR THE OTHER PPS ACCESSORIES AVAILABLE: see page 205

FLUE SYSTEMS FOR ECODENS, SOLNEO, ELIDENS, VIVADENS, INNOVENS, QUADRODENS

- 3 Classification C_{33x} (newly C_{93x})**
 - concentric pipes in the boiler room,
 - single pipes in the chimney (combustive air in counter current)



Boiler connected: Innovens
 MCA 35 connected to
 Ø 80/125 mm in the room
 boiler and Ø 80 mm in the
 chimney

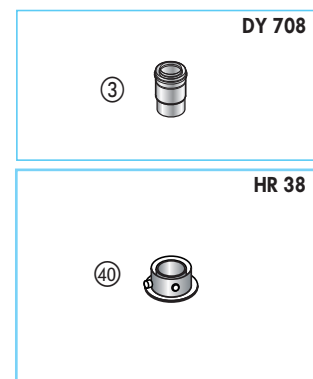
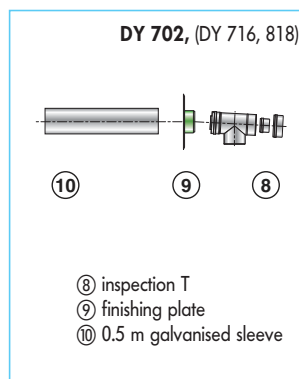
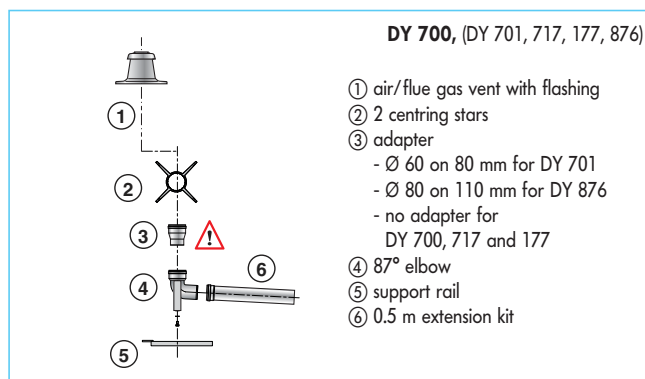
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in the boiler room in the chimney	(mm)	Lmax (m)				
		Ø 60/100	Ø 80/125	Ø 80/110	Ø 110/150	Ø 110
ECODENS, SOLNEO	13	20	-	-	-	-
MCR 24	-	18	-	-	-	-
MCR 24/28 MI, MCR 24/28 BIC	-	20	-	-	-	-
MCR 30/35 MI	-	10	20	-	-	-
MCR 34/39 MI	-	12	20	-	-	-
DTG (E) 130/1300-15	8	11	-	-	-	-
DTG (E) 130/1300-25	13	20	-	-	-	-
QUADRODENS DUC 25-...	-	-	15	11.5	-	-
DTG (E) 130/1300-35	-	-	15	20	-	-
MC 45, DTG 130-45	-	-	-	-	16	-
MC 65, DTG 130-65	-	-	-	-	13.2	-
MC 90, DTG 130-90	-	-	-	-	10	-
MC 115, DTG 130-115	-	-	-	-	-	-
MCA 15	15	9.9	-	-	-	-
MCA 25	8.1	20	-	-	-	-
MCA 35	2.8	18.0	20	-	-	-
MCA 25/28 MI, MCA 25/28 BIC	9	20	-	-	-	-
x mini	Ø (mm)	120	140	140	160	160
	Ø (mm)	140	160	160	180	180

- (1) For each additional metre of horizontal pipe, remove 1.2 m from the vertical length Lmax shown in the table below
 (2) or location ③ where appropriate

PPS FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR AIR/FLUE GAS CONNECTION WITH CONCENTRIC PIPES IN THE BOILER ROOM, AND SINGLE PIPES IN THE CHIMNEY

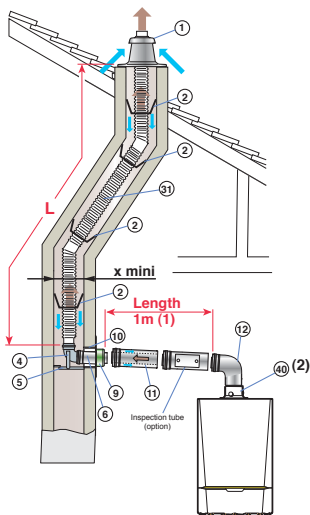
Boiler type	Connection Ø		Boiler connection kit	Chimney connection kit	Adapter
Vivadens MCR 24, MCR 24/28 MI, MCR 24/28 BIC	Ø 60/100 mm in the boiler room	Package n°	DY 702	DY 701	Ø 60 to 80 mm <i>included</i> in DY 701
	Ø 80 mm in the chimney	Ref.	84887702	84887701	—
Vivadens MCR 30/35 MI, MCR 34/39 MI	Ø 60/100 mm in the boiler room	Package n°	DY 702	DY 701	Ø 60 to 80 mm <i>included</i> in DY 701
	Ø 80 mm in the chimney	Ref.	84887702	84887701	—
	Ø 80/125 mm in the boiler room	Package n°	DY 716	DY 717	DY 708 (Ø 60/100 to 80/125 mm)
	Ø 80 mm in the chimney	Ref.	84887716	84887717	84887708
Ecodens, Solneo Elidens DTG (E) 130/1300-15/25 Quadrodens DUC 25 Innovens MCA 15, 25, 35 Innovens MCA 25/28 MI, 25/28 BIC	Ø 60/100 mm in the boiler room	Package n°	DY 702	DY 700	—
	Ø 60 mm in the chimney	Ref.	84887702	84887700	—
	Ø 60/100 mm in the boiler room	Package n°	DY 702	DY 701	Ø 60 to 80 mm <i>included</i> in DY 701
	Ø 80 mm in the chimney	Ref.	84887702	84887701	—
Innovens MCA 35	Ø 80/125 mm in the boiler room	Package n°	DY 716	DY 717	HR 38
	Ø 80 mm in the chimney	Ref.	84887716	84887717	S100465
Elidens DTG (E) 130/1300-35/45 Innovens MC 45	Ø 80/125 mm in the boiler room	Package n°	DY 716	DY 717	—
	Ø 80 mm in the chimney	Ref.	84887716	84887717	—
	Ø 80/125 mm in the boiler room	Package n°	DY 716	DY 876	Ø 110 to 80 mm <i>included</i> in DY 876
	Ø 110 mm in the chimney	Ref.	84887716	100008312	—
Elidens DTG 130-65/90/115 Innovens MC 65/90/115	Ø 110/150 mm in the boiler room	Package n°	DY 818	DY 177	—
	Ø 110 mm in the chimney	Ref.	100002360	84887577	—



REFERENCE FOR THE OTHER PPS ACCESSORIES AVAILABLE : see page 205

FLUE SYSTEMS FOR ECODENS, SOLNEO, ELIDENS, VIVADENS, INNOVENS, QUADRODENS

4 Classification C_{33x} (newly C_{93x}) - concentric pipes in the boiler room, - "flex" pipes in the chimney (combustive air in counter current)



Boiler represented :
Innovens MCA
connected to
Ø 80/125 mm in
the room boiler and
Ø 80 mm in the
chimney

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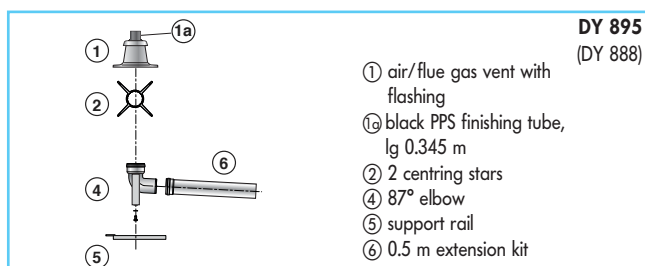
in the boiler room in the chimney	Lmax (m)	
	Ø 80/125 mm Ø 80 mm	Ø 110/150 mm Ø 110 mm
ECODENS, SOLNEO	17	-
MCR 24	15.5	-
MCR 24/28 MI, MCR 24/28 BIC	19	-
MCR 30/35 MI	18	-
MCR 34/39 MI	20	-
DTG (E) 130/1300-15, DTG 130/1300-25, QUADRODENS DUC 25-..	11	-
DTG (E) 130/1300-35	17	-
MC 45, DTG 130-45	12	-
MC 65, DTG 130-65	-	16.5
MC 90, DTG 130-90	-	13.5
MC 115, DTG 130-115	-	9.4
MCA 15	11.1	-
MCA 25	20	-
MCA 35	20	-
MCA 25/28 MI, MCA 25/28 BIC	20	-
x mini	140	170
Ø	160	190

- (1) For each additional metre of horizontal pipe, remove 1.2 m from the vertical length Lmax shown in the table below
(2) or location (3) where appropriate

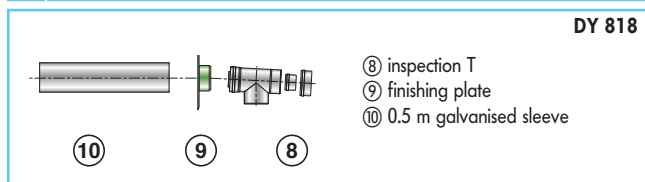
PPS FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR AIR/FLUE GAS CONNECTION WITH CONCENTRIC PIPES IN THE BOILER ROOM, AND SINGLE "FLEX" PIPES IN THE CHIMNEY

Boiler type	Connection Ø	Boiler + chimney connection kits	Adapter	Flex pipe
Ecodens, Solneo	- Ø 80/125 mm in the boiler room	Package n° DY 849 + DY 895 or DY 850 + DY 899 (perpendicular) (in pipe)	DY 708	DY 897 (lg 12.5 m) (1)
	- Ø 80 mm in the chimney	Ref. 100003271 + 100015325 or 100003272 + 100015329	Ø 80/125 to 60/100 mm	100015327
Vivadens MCR...	- Ø 80/125 mm in the boiler room	Package n° DY 849 + DY 895 or DY 850 + DY 899 (perpendicular) (in pipe)	DY 708	DY 897 (lg 12.5 m) (1)
	- Ø 80 mm in the chimney	Ref. 100003271 + 100015325 or 100003272 + 100015329	Ø 80/125 to 60/100 mm	100015327
Elidens DTG (E) 130/1300-15/25 Quadrodens DUC 25-...	- Ø 80/125 mm in the boiler room	Package n° DY 849 + DY 895 or DY 850 + DY 899 (perpendicular) (in pipe)	DY 708	DY 897 (lg 12.5 m) (1)
	- Ø 80 mm in the chimney	Ref. 100003271 + 100015325 or 100003272 + 100015329	Ø 80/125 to 60/100 mm	100015327
Elidens DTG (E) 130/1300-35/45 Innovens MC 45	- Ø 80/125 mm in the boiler room	Package n° DY 849 + DY 895 or DY 850 + DY 899 (perpendicular) (in pipe)	—	DY 897 (lg 12.5 m) (1)
	- Ø 80 mm in the chimney	Ref. 100003271 + 100015325 or 100003272 + 100015329	—	100015327
Elidens DTG 130-65/90/115 Innovens MC 65/90/115	- Ø 110/150 mm in the boiler room	Package n° DY 818 + DY 888	DY 817 (Ø 100/150 to 110/150)	DY 889 (lg 15 m) (1)
	- Ø 110 mm in the chimney	Ref. 100002360 + 100015287	100002357	100015288
Innovens MCA 15, 25, 35 Innovens MCA 25/28 MI Innovens MCA 25/28 BIC	- Ø 80/125 mm in the boiler room	Package n° DY 849 + DY 895 or DY 850 + DY 899 (perpendicular) (in pipe)	HR 38 Ø 80/125 mm	DY 897 (lg 12.5 m) (1)
	- Ø 80 mm in the chimney	Ref. 100003271 + 100015325 or 100003272 + 100015329	S100465	100015327

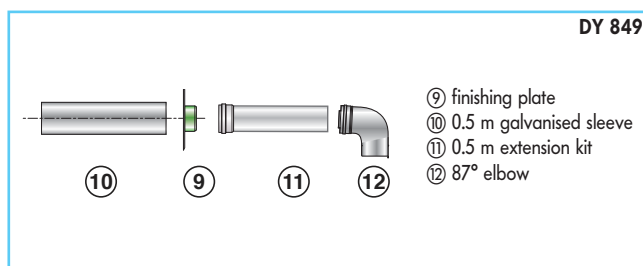
(1) other lengths of flex pipes available: see page 205



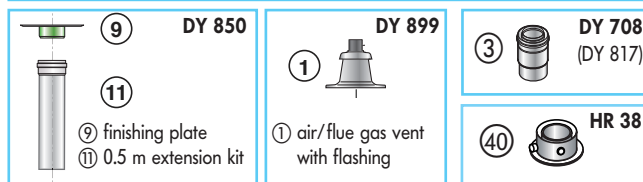
DY 895
(DY 888)



DY 818



DY 849



DY 850

DY 899

DY 708
(DY 817)

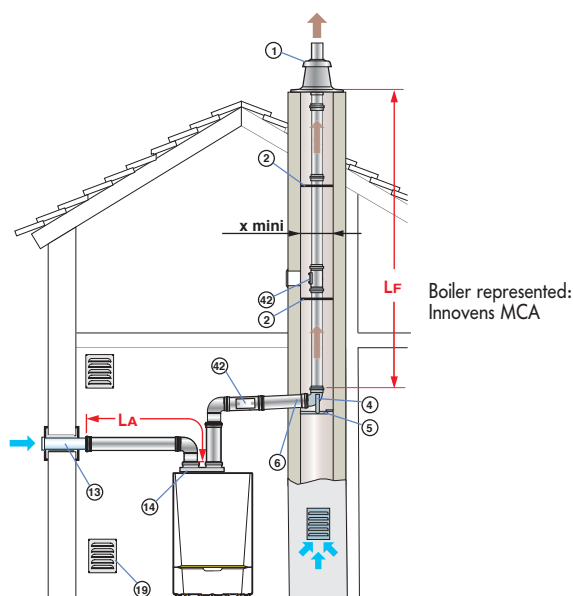
HR 38

MC3SE_F002A
MC3SE_F002B

REFERENCE FOR THE OTHER PPS ACCESSORIES AVAILABLE: see page 205

FLUE SYSTEMS FOR ECODENS, SOLNEO, ELIDENS, VIVADENS, INNOVENS, QUADRODENS

5 Classification C₅₃ - separate air and flue gas pipes with bi-flow adapter (combustive air taken from outside)

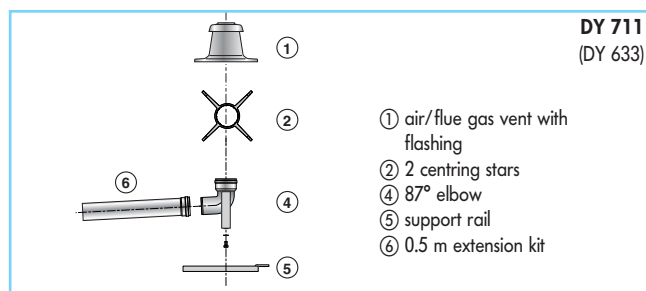
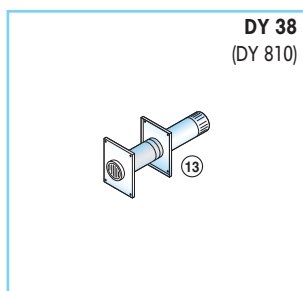
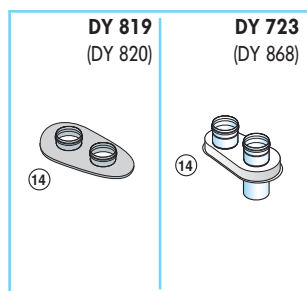


FLUJ_F0017A

with bi-flow adapter	(LA+LF) max (m)		
	Ø 60/100 mm to 2x80 mm	Ø 80/125 mm to 2x80 mm	Ø 100/150 mm to 2x100 mm
ECODENS, SOLNEO	16	-	-
MCR 24	40	-	-
MCR 24/28 MI, MCR 24/28 BIC	40	-	-
MCR 30/35 MI	30	-	-
MCR 34/39 MI	32.5	-	-
DTG (E) 130/1300-15	23	-	-
DTG (E) 130/1300-25	16	-	-
QUADRODENS DUC 25-..	-	20.5	-
DTG (E) 130/1300-35	-	20.5	-
MC 45, DTG 130-45	-	-	23
MC 65, DTG 130-65	-	-	17.5
MC 90, DTG 130-90	-	-	16
MC 115, DTG 130-115	40	-	-
MCA 15	40	-	-
MCA 25	32	-	-
MCA 35	40	-	-
MCA 25/28 MI, MCA 25/28 BIC	140	140	160
x mini	160	160	180

ALUMINIUM FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION WITH SEPARATE AIR AND FLUE GAS PIPES (BI-FLOW)

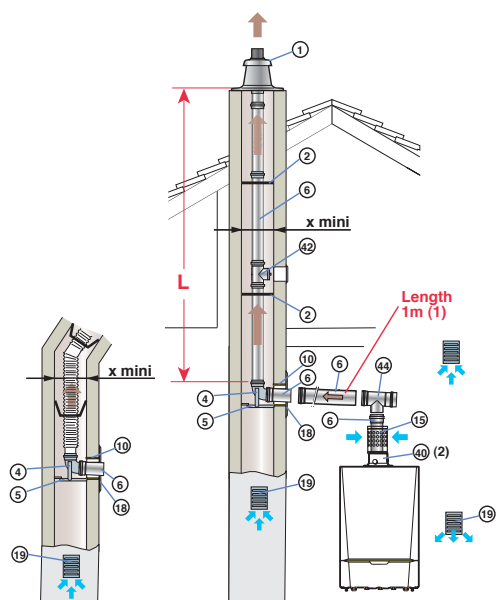
Boiler type	Connection Ø		Bi-flow adapter	External air inlet	Chimney connection kit
Ecodens, Solneo	- Ø 60/100 mm to 2 x 80 mm	Package n°	DY 723	DY 38	DY 711
		Ref.	84887723	84887438	84887711
Vivadens MCR...	- Ø 60/100 mm to 2 x 80 mm	Package n°	DY 868	DY 38	DY 711
Innovens MCA 15, 25, 35					
Innovens MCA 25/2 BIC		Ref.	100005825	84887438	84887711
Innovens MCA 25/28 MI					
Elidens DTG (E) 130/1300-15/25	- Ø 60/100 mm to 2 x 80 mm	Package n°	DY 723	DY 38	DY 711
Quadrodens DUC 25-...		Ref.	84887723	84887438	84887711
Elidens DTG (E) 130/1300-35/45	- Ø 80/125 mm to 2 x 80 mm	Package n°	DY 819	DY 38	DY711
Innovens MC 45		Ref.	100002361	84887438	84887711
Elidens DTG 130-65/90/115	- Ø 100/150 mm to 2 x 100 mm	Package n°	DY 820	DY 810	DY 633
Innovens MC 65/90/115		Ref.	100002362	100002285	84887633



REFERENCE FOR THE OTHER ALUMINIUM ACCESSORIES AVAILABLE : see page 204

FLUE SYSTEMS FOR ECODENS, SOLNEO, ELIDENS, VIVADENS, INNOVENS, QUADRODENS

6 Classification B_{23p} - connection to a chimney (combustive air taken from the boiler room)



FUJAL_F0046

	Ø 80 mm rigid	Lmax Ø 110 mm rigid	Ø 80 mm flex	Ø 110 mm flex
ECODENS, SOLNEO	23	-	40 (*)	-
MCR 24	33 (*)	-	23	-
MCR 24/28 MI, MCR 24/28 BIC	37 (*)	-	27 (*)	-
MCR 30/35 MI	19	-	22.5	-
MCR 34/39 MI	33 (*)	-	24.5	-
DTG (E) 1300-15,	23	-	40	-
DTG (E) 130/1300-25,	23	-	40 (*)	-
QUADRODENS DUC 25--	23.5	-	21	-
DTG (E) 130/1300-35	23.5	-	21	-
MC 45, DTG 130-45	-	55 (*)	-	29.5 (*)
MC 65, DTG 130-65	-	45 (*)	-	24
MC 90, DTG 130-90	-	44 (*)	-	17.5
MC 115, DTG 130-115	40 (*)	-	40 (*)	-
MCA 15	40 (*)	-	40 (*)	-
MCA 25	40 (*)	-	40 (*)	-
MCA 35	40 (*)	-	28 (*)	-
MCA 25/28 MI, MCA 25/28 BIC	40 (*)	-	40 (*)	-
x mini	140	170	140	170
Ø	160	190	160	190

(*) Max. height in the flue pipe from the support elbow to the outlet mustn't exceed: - 30 m for rigid PPS
- 25 m for flex PPS

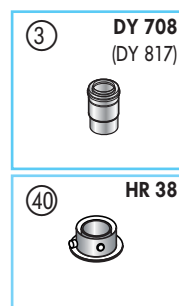
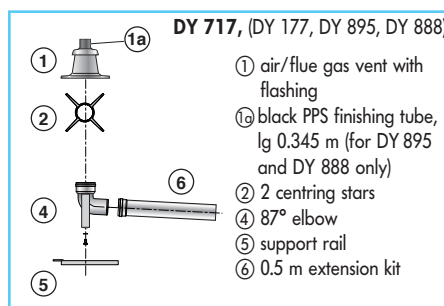
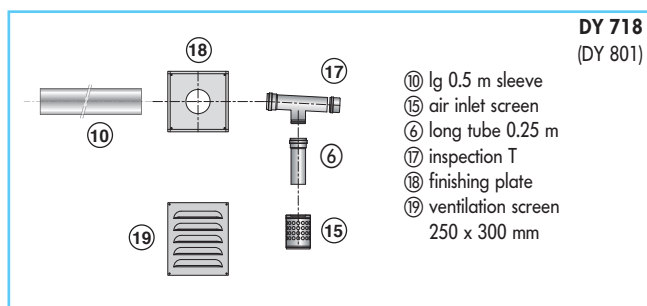
In case of higher lengths, holding collars must be added by slices of 25 or 30 m.

- (1) For each additional metre of horizontal pipe, remove 1.2 m from the vertical length L_{max} shown in the table below
(2) or location ③ where appropriate

PPS FLUE SYSTEMS ACCESSORIES NEED AS MINIMUM FOR CONNECTION TO A CHIMNEY

Boiler type	Connection Ø	Boiler connection kit	Chimney connection kit	Adapter	Flex pipe
Ecodens, Solneo Vivadens MCR...	Ø 80 mm (rigid)	Package n° Ref. 84887718	DY 718 84887717	DY 708 (Ø 80/125 to 60/100)	-
Elidens DTG (E) 130/1300-15/25 Quadrodens DUC 25...	Ø 80 mm (flex in the chimney)	Package n° Ref. 84887718	DY 718 100015325	DY 708 (Ø 80/125 to 60/100)	DY 897 (lg 12.5 m) (1) 100015327
Innovens MCA 15, 25, 35 Innovens MCA 25/28 BIC Innovens MCA 25/28 MI	Ø 80 mm (rigid)	Package n° Ref. 84887718	DY 718 84887717	HR 38	-
	Ø 80 mm (flex in the chimney)	Package n° Ref. 84887718	DY 718 100015325	HR 38 S100465	DY 897 (lg 12.5 m) (1) 100015327
Elidens DTG (E) 130/1300-35/45 Innovens MC 45	Ø 80 mm (rigid)	Package n° Ref. 84887718	DY 718 84887717	-	-
	Ø 80 mm (flex in the chimney)	Package n° Ref. 84887718	DY 718 100015325	-	DY 897 (lg 12.5 m) (1) 100015327
Elidens DTG 130-65/90/115 Innovens MC 65/90/115	Ø 110 mm (rigid)	Package n° Ref. 100002266	DY 801 84887577	DY 817 (Ø 100/150 to 110/150)	-
	Ø 110 mm (flex in the chimney)	Package n° Ref. 100002266	DY 801 100015287	DY 817 (Ø 100/150 to 110/150)	DY 889 (lg 15 m) (1) 100015288

(1) other lengths of flex pipes available: see page 205

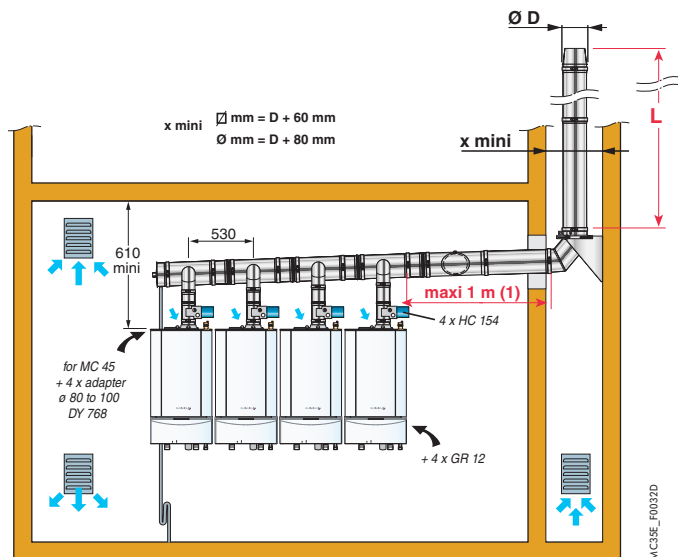


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MCSE_F0078

REFERENCE FOR THE OTHER PPS ACCESSORIES AVAILABLE: see page 205

FLUE SYSTEMS FOR INNOVENS MC 45, 65, 90 AND 115 ONLY

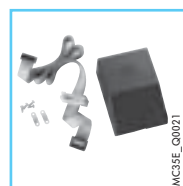
7 Classification B_{23p} - for installation in cascade (installation with motorised flue dampers)



Flue damper Ø 100 mm - Package HC 154

If the cascade is in overpressure, the installation of one flue damper per boiler can be used to prevent the blow back of combustion products to boiler which are not working (connection through the package GR 12)

Ref. 100002685



Alarm report PCB and control of 1 external gas valve and a compulsory flue damper - Package GR 12

This PCB comprises a dry contact outlet which signals a burner error and a second outlet used to control an external gas valve or an compulsory flue damper.

Ref. 100003347



Adapter Ø 80 to 100 mm - Package DY 768

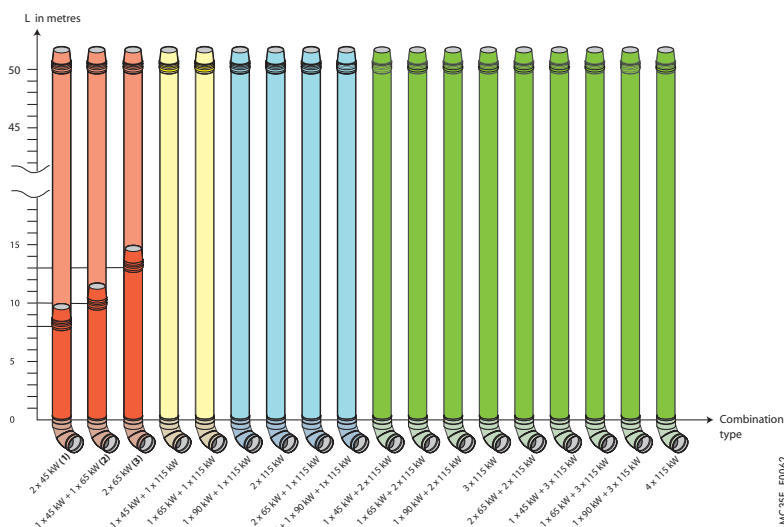
For MC 45 only.

Ref. 84887768

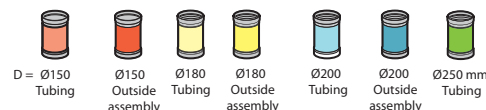
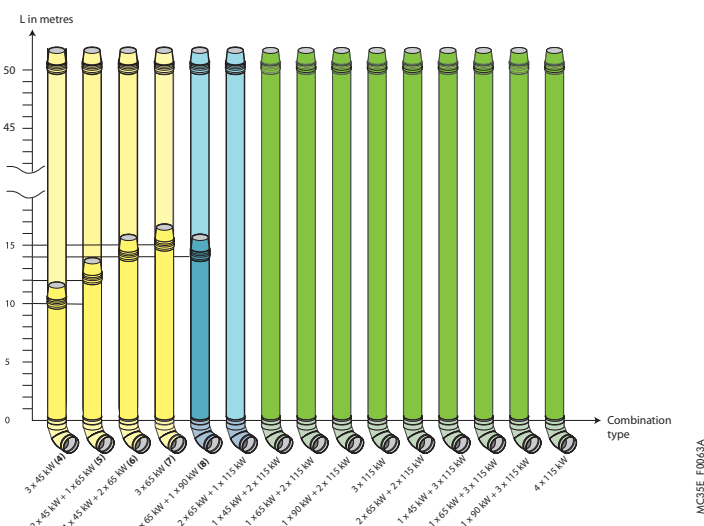
(1) Max length taken into account for dimensioning; for different lengths a new calculation is necessary.

Maximum admissible length L in m depending on the Ø of the pipe D (in mm) for various "cascade" combinations

- "cascade" combinations with boilers in wall-hung or floor-standing alignment



- "cascade" combinations with boilers fitted back to back



In case of outside assembly, the max. height to permit boiler operation is:

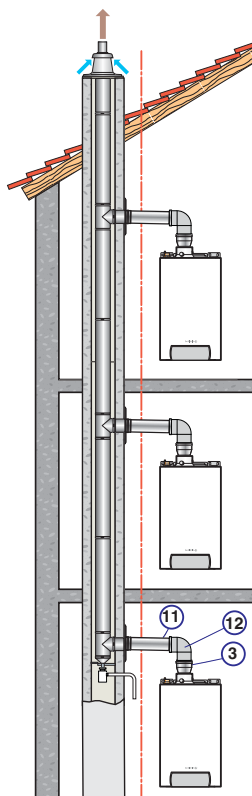
(1): 7.90 m (2): 10.20 m (3): 13.10 m (4): 9.80 m
(5): 11.70 m (6): 14.00 m (7): 16.40 m (8): 14.30 m

- INNOVENS MC 45/65/90/115 boilers, operating at 80/60°C
- Compulsory flue damper on the boiler fumes outlet (optional)
- Overpressure on the boiler fumes outlet less than 50 Pa

Nota: These lengths are given as a rough guide. De Dietrich's liability may in no event be invoked.
For different assembly configurations, please consult us for a specific calculation.

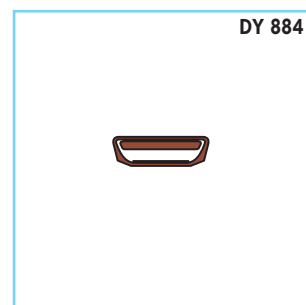
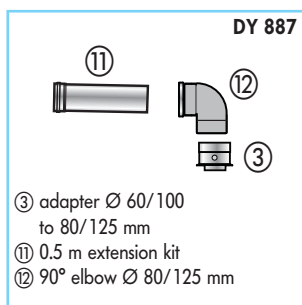
FLUE SYSTEMS FOR VIVADENS MCR AND INNOVENS MCA ONLY

12 Classification C_{43x} - for connecting to a collective 3CE P of a forced flue boiler



PPS FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION TO A COLLECTIVE 3CE P CONDUIT

Innovens MCA 15, 25, 35 MCA 25/28 BIC MCA 25/28 MI	Boiler connection kit for 3CE P conduit	Package n°	DY 887
		Ref.	100014000
- Vivadens MCR...	Boiler connection kit for 3CE P conduit	Package n°	DY 887
		Ref.	100014000
and	Boiler conversion kit for incorporation of an air flap	Package n°	DY 884
		Ref.	100011367



Note: it is possible to put boilers with differing outputs on the same conduit, consult the conduit manufacturer.

To dimension the system contact the supplier of the 3CE P conduit

Examples of 3CE P system sizing inside a building for MCR

Number of gas appliances connectable			
Available pressure at the nozzle on each appliance		100 Pa	
Boiler type	Nominal diameter of the internal/external pipes	Number of appliances per level	
		1	2
MCR 24	130/200	5	6
	180/250	8	10
	230/350	17	20
MCR 24/28 MI	130/200	6	6
	180/250	8	10
	250/350	18	20
MCR 30/35 MI	130/200	4	4
	180/250	7	8
	230/350	15	16
MCR 34/39 MI	130/200	4	4
	180/250	8	8
	250/350	15	14

Example: For 10 identical boilers MCR 24/28 MI with a burner output of 24 kW, pressure at the boiler nozzle of 100 Pa, in a 5-storey building, it is possible to install a conduit with an internal diameter of 180 mm and an external diameter of 250 mm.

Example of 3CE P system sizing outside a building for MCR

Number of gas appliances connectable					
Available pressure at the nozzle on each appliance		100 Pa			
		130	150	180	250
Internal diameter of the conduit		194	214	244	314
External diameter of the conduit					
Boiler type	MCR 24	7	9	14	20
	MCR 24/28 MI	7	9	14	20
	MCR 30/35 MI	5	7	11	20
	MCR 34/39 MI	6	8	12	20

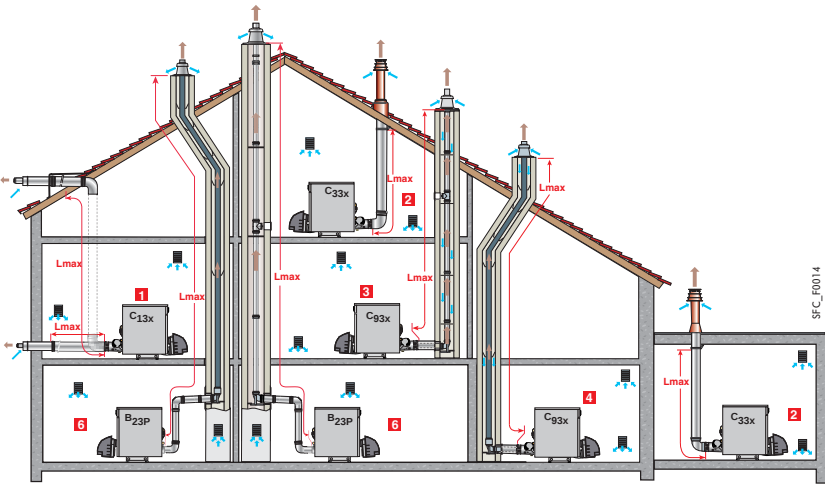
Example: For 6 identical boilers MCR 24/28 MI with a burner output of 24 kW, pressure at the boiler nozzle of 100 Pa, in a 6-storey building, it is possible to install a conduit with an internal diameter of 130 mm and an external diameter of 194 mm.

Calculations made according to EN 15287 standard with: 2.7 metres floor height.

2 metres of 80/125 connection conduit and two 90° elbows.

3CE P pipe without deviation

FLUE SYSTEMS FOR GTU C 120/1200... AND WINGO SFC 25/1025...



CLASSIFICATION

- 1 Classification C_{13x}**: Air/flue gas connection through concentric pipes to a horizontal air/flue gas vent (so-called forced flue)
- 2 Classification C_{33x}**: Air/flue gas connection through concentric pipes to a vertical air/flue gas vent (roof outlet)
- 3 Classification C_{33x} (newly C_{93x})**: Air/flue gas connection using concentric pipes in the boiler room and single pipes in the chimney (combustive air in counter current in the chimney)
- or
- 4 Air/flue gas connection using concentric pipes in the boiler room and single "flex" pipes in the chimney (combustive air in counter current in the chimney)**
- 6 Classification B_{23P}**: Connection to a chimney (combustive air taken from the boiler room).

TABLE OF MAXIMUM AIR/FLUE GAS PIPE LENGTHS ADMISSIBLE ACCORDING TO BOILER TYPE

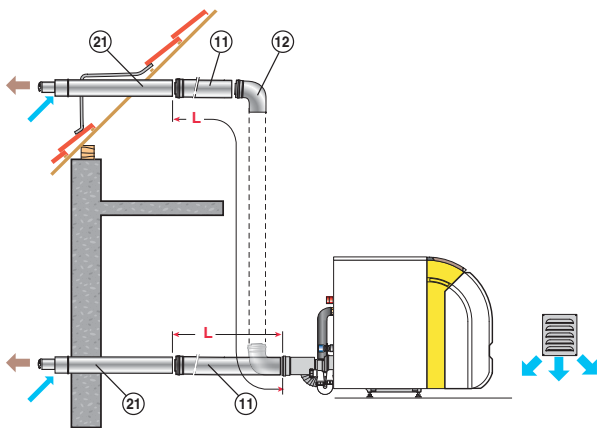
Type of air/flue gas connection			L _{max} : Maximum length of the connecting pipes in m en m		see page
			SFC 25 FF, 1025 FF, SFC 25E FF, 1025E FF GTU C 120 FF, 1200 FF, 1200 V FF	SFC 25, 1025, SFC 25E, 1025E GTU C 120, 1200, 1200 V	
Concentric pipes connected to a horizontal air/flue gas vent (PPS)	C _{13x}	Ø 80/125 mm	8	-	199
Concentric pipes connected to a vertical air/flue gas vent (PPS)	C _{33x}	Ø 80/125 mm	8	-	200
Pipes - concentric in the boiler room, - single in the chimney (combustive air in counter current) (PPS)	C _{33x} C _{93x}	Ø 80/125 mm Ø 80 mm	18	-	200
Pipes - concentric in the boiler room, - "flex" in the chimney (combustive air in counter current) (PPS)	C _{33x} C _{93x}	Ø 80/125 mm Ø 80 mm	15	-	200
Pipe single in the chimney (rigid or flex) (combustive air taken from the premises) (PPS)	B _{23P}	Ø 80 mm (rigid)	-	18	201
		Ø 80 mm (flex)	-	15	

Attention: Maximum L is measured by adding the lengths of the straight air/flue gas pipes and the equivalent lengths of the other sections:

- Ø 80/125 mm (PPS): 87° elbow = 1.5 m, 45° elbow = 1 m, inspection T 2.6 m, straight inspection = 0.6 m, inspection elbow = 2 m
- Ø 80 mm (PPS): 87° elbow = 1.9 m, 45° elbow = 1.2 m, inspection elbow = 0.7 m, straight inspection = 0.3 m, inspection T = 4.2 m, 1 straight inspection for flex pipe = 0.3 m

Important: Our gas-boilers have been designed, tested and approved using the air/flue gas pipes proposed in our catalogue, pursuant to the requirements of the prevailing standards. We guarantee the safety and correct operation of our boilers when they are installed with the approved flue systems and under the conditions recommended in our technical documentation.

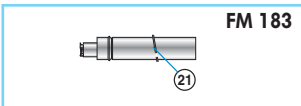
1 Classification C_{13x} - concentric horizontal forced flue (connection to an external wall or a roof outlet)



	L _{max} (m)
	Ø 80/125 mm
GTU C... FF WINGO SFC... FF	8

PPS FLUE SYSTEM ACCESSORIES DELIVERED WITH THE HOR BOILER

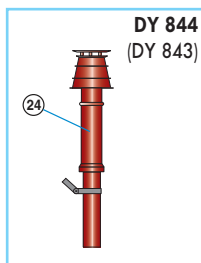
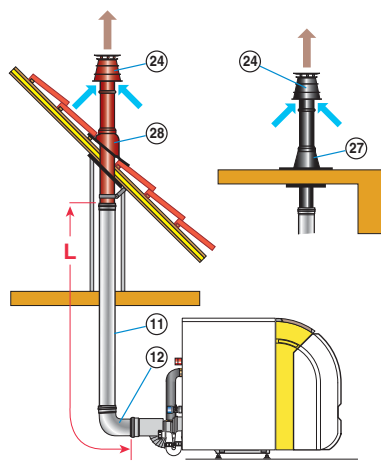
Horizontal air/flue gas vent	Package n°	FM 183
	Ref.	100007638



REFERENCE FOR THE OTHER PPS ACCESSORIES AVAILABLE : see page 205

FLUE SYSTEMS FOR GTU C 120/1200/1200 V FF, WINGO SFC 25/25E, 1025/1025E FF

2 Classification C33X - concentric vertical forced flue (connection to sloping roof or flat roof)



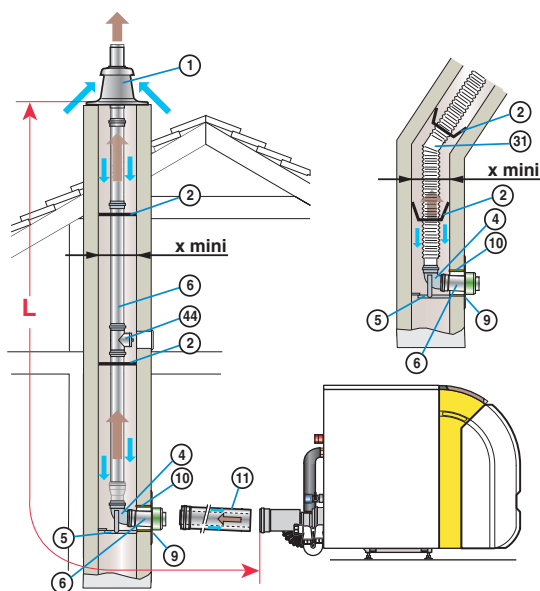
	Lmax (m) Ø 80/125 mm
GTU C... FF WINGO SFC... FF	8

PPS FLUE SYSTEMS ACCESSORIES DELIVERED WITH THE VER BOILER

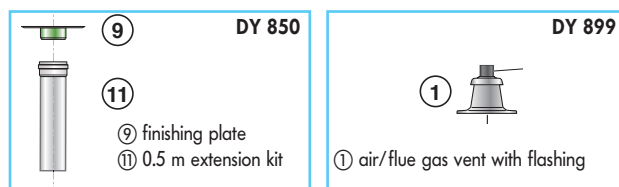
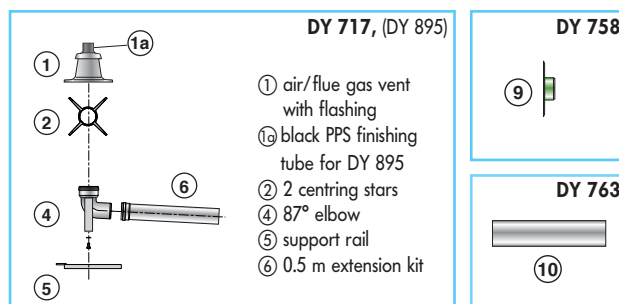
	Package n°	DY 843
Vertical air/flue gas vent	black	Ref. 100002732
	or	
	red	Ref. 100002733
87° elbow	Package n°	DY 131
	Ref.	84887531

REFERENCE FOR THE OTHER PPS ACCESSORIES AVAILABLE: see page 205

3 4 Classification C33X (newly C93X) - concentric pipes in the boiler room - singles pipes in the chimney (combustive air in counter current)



	Lmax (m) Ø 80/125 mm	Ø 80 mm rigid	Ø 80 mm flex
in the boiler room (mm) in the chimney (mm)			
GTU C... FF WINGO SFC... FF		18	15
x mini	140	140	140
Ø (mm)	160	160	160



PPS FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR AIR/FLUE GAS CONNECTION WITH CONCENTRIC PIPES IN THE BOILER ROOM, AND SINGLE PIPES IN THE CHIMNEY

Boiler type	Connection Ø	Chimney connection kit	Finishing plate	Sleeve	87° elbow	Flex pipe
GTU C... FF WINGO SFC... FF	Ø 80/125 mm in the boiler room	Package n°	DY 717	DY 758	DY 763	-
	Ø 80 mm rigid in the chimney	Ref.	84887717	84887758	84887763	-
	Ø 80/125 mm in the boiler room	Package n°	DY 895	DY 758	DY 763	DY 897 (12.5 m) (1)
	Ø 80 mm flex in the chimney	Ref.	100015325	84887758	84887763	100015327
	or	Package n°	DY 850 + DY 899	DY 758	DY 763	DY 897 (12.5 m) (1)
		Ref.	100003272 + 100015329	84887758	84887763	84887531

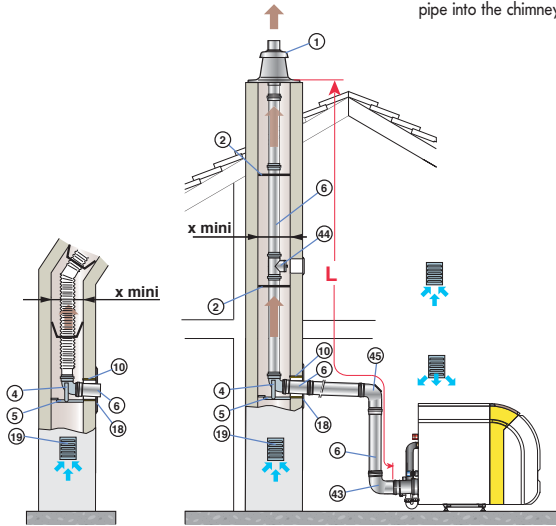
(1) other lengths of flex pipes available: see page 205

REFERENCE FOR THE OTHER PPS ACCESSORIES AVAILABLE: see page 205

FLUE SYSTEMS FOR GTU C 120/1200/1200 V, WINGO SFC 25/25E, 1025/1025E

6 Classification B_{23p} - connection to a chimney (combustive air taken from the boiler room)

Attention : to prevent noise transmission, do not brick the pipe into the chimney



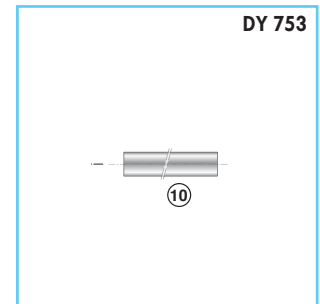
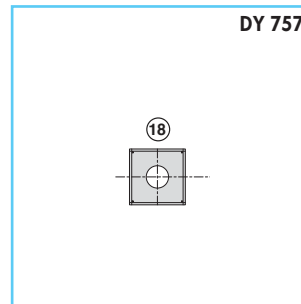
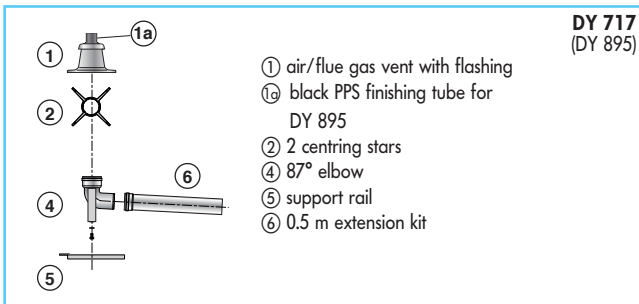
FUW_F0651A

		Lmax (m)	
		rigid Ø 80 mm	flex Ø 80 mm
GTU C		18	15
WINGO SFC			
x mini	Ø	160	160
	∇	140	140

PPS FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION TO A CHIMNEY

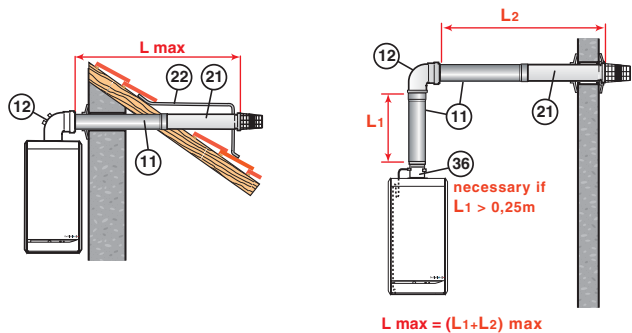
Boiler type	Connection Ø	Chimney connection kit		Finishing plate	Sleeve	Flex pipe
GTU C 120/1200/1200 V WINGO SFC 25/25E WINGO SFC 1025/1025E	Ø 80 mm rigid	Package n°	DY 717	DY 757	DY 753	-
		Ref.	84887717	84887757	84887753	-
	Ø 80 mm flex	Package n°	DY 895	DY 757	DY 753	DY 897 (12.5 m) (1)
		Ref.	100015325	84887757	84887753	100015327

(1) other lengths of flex pipes available: see page 205



FLUE SYSTEMS FOR WHE... FF

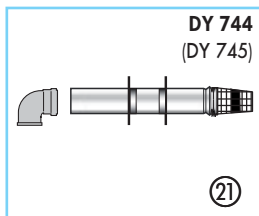
1 Classification C_{12x} - connection to a horizontal air/flue gas vent



	Lmax (m)	
	Package DY 744	Package DY 745
WHE 2.24 FF-3S, WHE 2.28 FF	3	3

ALUM. FLUE SYSTEMS ACCESSORIES

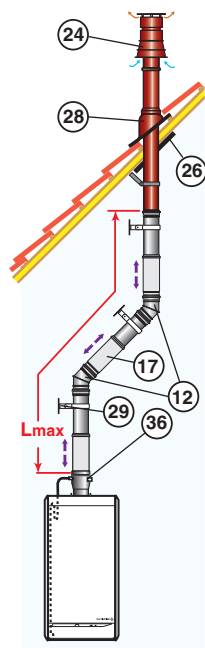
Horiz. forced flue	- lenght	Package n°	DY 744
Ø 60/100 mm	800 mm	Ref.	84887744
or	- lenght	Package n°	DY 745
	1500 mm	Ref.	84887745



REFERENCE FOR THE OTHER ALUMINIUM ACCESSORIES AVAILABLE : see page 204

2 Classification C_{32x} - connection to a vertical air/flue gas vent

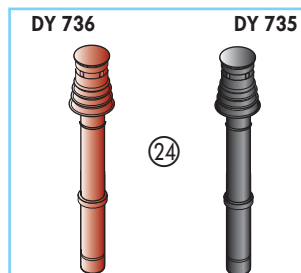
Connection to a sloping or flat roof



	Lmax (m)	
	Package DY 735	Package DY 736
WHE 2.24 FF-3S, WHE 2.28 FF	6.7	6.7

ALUM. FLUE SYSTEMS ACCESSORIES DELIVERED WITH THE CITY VV12 BOILERS, IN OPTION FOR WHE

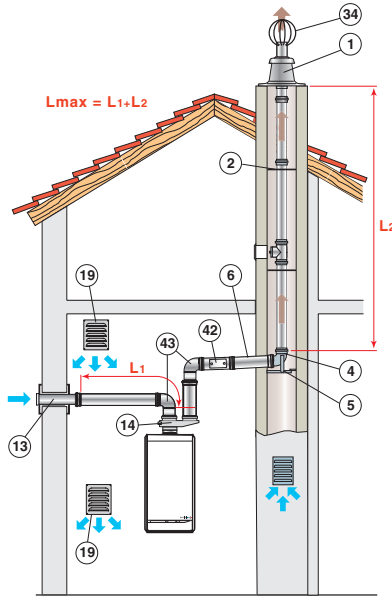
Vertical forced flue	- black	Package n°	DY 735
Ø 80/125 mm)	or	Ref.	84887735
	- red	Package n°	DY 736
		Ref.	84887736
Condensates adapter - recuperator		Package n°	HA 210
Ø 60/100 to 80/125 mm		Ref.	86667210



REFERENCE FOR THE OTHER ALUMINIUM ACCESSORIES AVAILABLE : see page 204

FLUE SYSTEMS FOR WHE... FF

5 Classification C₅₂ - connection with separate air and flue gas pipes



FIML_F0062

	Lmax (m) Ø 80 mm
WHE 2.24 FF-3S	6

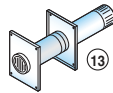
ALUM. FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION AIR/FLUE WITH SEPARATE PIPES

Boiler type	Bi-flow adapter Ø 60/100 to 2 x 80 mm	Chimney connection kit Ø 80 mm	External air inlet
Package n°	HA 233	DY 711	DY 38
WHE 2.24 FF-3S	Ref. 86667233	84887711	84887438

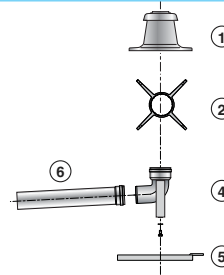
HA 233
(HA 231)



DY 38
(DY 810)



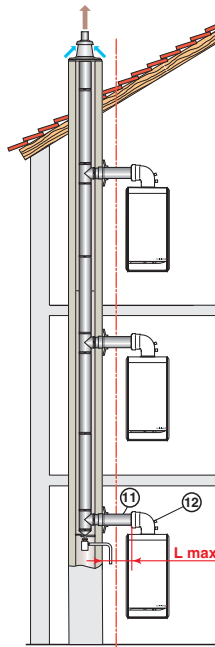
DY 711



- ① air/flue gas vent with flashing
- ② 2 centring stars
- ④ 87° elbow
- ⑤ support rail
- ⑥ 0.5 m extension kit

REFERENCE FOR THE OTHER ALUMINIUM ACCESSORIES AVAILABLE : see page 204

12 Classification C₄₂ - connection to a collective 3 CE conduit

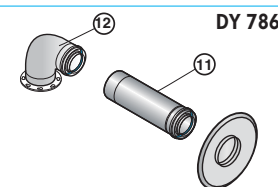


FIML_F0064A

	Lmax (m) Ø 60/100 mm
WHE 2.24 FF-3S WHE 2.28 FF	4

ALUM. FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION TO A COLLECTIVE CONDUIT

Adapter to collective 3 CE conduit	Package n°	DY 786
	Ref. 84887786	



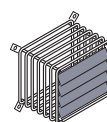
- ⑪ Extension Ø 60/100 mm, lg 250 mm
- ⑫ 87° elbow

REFERENCE FOR THE OTHER ALUMINIUM ACCESSORIES AVAILABLE : see page 204

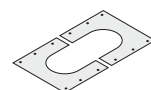
ALUMINIUM FLUE SYSTEMS FOR VIVADENS, ECODENS, SOLNEO, ELIDENS, INNOVENS, QUADRODENS, WHE... FF

ACCESSORIES (ALUMINIUM)	PACKAGE	REF.
- Ø 80 mm		
Chimney connection kit Ø 80 mm	DY711	84887711
Air/flue gas vent with flashing (rigid pipe)	DY185	84887585
Stainless steel protection grill Ø 90 mm for roof outlet		300007172
Inspection T	DY738	84887738
Straight inspection pipe	DY600	84887600
250 mm (2-pieces) extension kit	DY604	84887604
500 mm (2-pieces) extension kit	DY605	84887605
1000 mm (2-pieces) extension kit	DY606	84887606
1950 mm (2-pieces) extension kit	DY607	84887607
87° elbow (1-piece)	DY608	84887608
45° elbow (2-pieces)	DY609	84887609
Centring star (2-pieces)	DY151	84887551
Ø 80/125 mm on 2 x 80 mm adapter	DY819	100002361
Ø 60/100 mm on 2 x 80 mm adapter	DY723	84887723
Ø 60/100 mm on 2 x 80 mm adapter (MCR, MCA)	DY868	100005825
Bi-flow adapter Ø 60/100 to 2 x 80 mm (WHE)	HA233	86667233
Adapter Ø 80 to 100 mm (MCR, MCA)	DY768	84887768
External air inlet Ø 80 mm	DY38	84887438
- Ø 100 mm		
Chimney connection kit Ø 100 mm	DY633	84887633
Air/flue gas vent with flashing (rigid pipe)	DY189	84887589
Stainless steel protection grill Ø 120 mm for roof outlet		300007173
Inspection T	DY739	84887739
Straight inspection pipe	DY624	84887624
500 mm (2-pieces) extension kit	DY625	84887625
1000 mm (2-pieces) extension kit	DY626	84887626
1950 mm (2-pieces) extension kit	DY627	84887627
87° elbow (1-piece)	DY629	84887629
45° elbow (2-pieces)	DY630	84887630
Centring star (2-pieces)	DY628	84887628
Ø 100/150 mm on 2 x 100 mm adapter	DY820	100002362
External air inlet Ø 110 mm	DY810	100002285
- Ø 60/100 mm		
Horizontal forced flue lg 800 mm	DY744	84887744
Horizontal forced flue lg 1500 mm	DY745	84887745
Black vertical forced flue	DY735	84887735
Red vertical forced flue	DY736	84887736
250 mm extension kit	DY746	84887746
500 mm extension kit	DY652	84887652
1000 mm extension kit	DY653	84887653
1950 mm extension kit	DY654	84887654
87° elbow (1 piece)	DY655	84887655
45° elbow (2 pieces)	DY656	84887656
Condensates recuperator ø 60/100 mm (WHE)	DY747	84887747
Horizontal forced flue ø 80/125 mm lg. 730 mm	CX119	84837119
Connection kit to a collective conduit	DY786	84887786
- Ø 80/125 mm		
Condensates-recuperator adapter Ø 60/100 to 80/125 mm (WHE)	HA210	86667210
250 mm extension kit	CX64	84837735
500 mm extension kit	CX65	84837736
1000 mm extension kit	CX66	84837737
1950 mm extension kit	CX93	84837793
Compensation sleeve ø 80/125 mm	CX67	84837738
87° elbow (1 piece)	CX76	84837743
45° elbow (2 pieces)	CX68	84837739
Installation kit for external mounting	DY60	84887460
Waterlight clams for external mounting	DY51	84887451

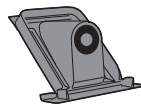
ACCESSORIES (ALUMINIUM/PPS)	PACKAGE	REF.
Roof outlet (dormer window) for Ø 60/100 mm, Ø 80/125 mm or Ø 100/150 mm		
- for slope of 30 to 45°	DY11	84887411
- for slope of 40 to 55°	CX49	84837729
Ø 80/125 mm flue tile		
- black for slope of 5 to 25°	CX121	84837121
- black for slope of 25 to 45°	CX52	84837732
- black for slope of 35 to 55°	CX63	84837734
- red for slope of 5 to 25°	CX120	84837120
- red for slope of 25 to 45°	CX83	84837783
- red for slope of 35 to 55°	CX84	84837784
Ø 100/150 mm flue tile		
- black for slope of 25 to 45°	CX104	84827104
- red for slope of 25 to 45°	CX106	84827106
Water tightness bed - Ø 80/125 mm	CX51	84837731
plate for flat roof - Ø 100/150 mm	CX103	84827103
Interior finishing plate - Ø 80/125 mm	CX72	84837741
- Ø 100/150 mm	CX115	84827115
Ø 125 mm fastening collar short lug	CX118	84837118
Ø 125 mm fastening collar long lug	CX79	84837779
Ø 150 mm fastening collar long lug	CX111	84827111
External ventilation screen	DY35	84887435
Internal ventilation screen	DY36	84887436
Ø 60/100 mm stainless steel protection basket	DY166	84887566
Ø 80/125 mm stainless steel protection basket	DY865	100005002
Ø 100/150 mm stainless steel protection basket	DY866	100005004



DY 865
(DY 866)



CX 72
(CX 115)



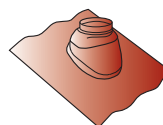
DY 11
(CX 49)



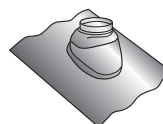
CX 79
(CX 111)



CX 118



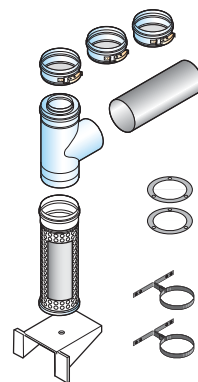
CX 52
(CX 63)
(CX 121)



CX 83
(CX 84)
(CX 120)



CX 151
(CX 103)



DY 60

DY 35



DY 36



DY 51



Stainless steel protection grill for roof outlet



DY 901
(DY 894)

PPS FLUE SYSTEMS FOR VIVADENS, ECODENS, SOLNEO, ELIDENS, INNOVENS, QUADRODENS, GTU C... (FF) AND WINGO SFC... (FF)

ACCESSORIES (PPS)	PACKAGE	REF.
Ø 60/100 mm		
Horizontal forced flue with inspection T	DY872	100008297
Horizontal forced flue with elbow	DY871	100008296
Horizontal forced flue with inspection elbow	HR48	100013756
Horizontal forced flue with recentering elbow	DY885	100011888
Horizontal raised forced flue with recentering elbow	DY886	100013303
Boiler connection kit	DY702	84887702
500 mm extension kit	DY681	84887681
1000 mm extension kit	DY682	84887682
1950 mm extension kit	DY683	84887683
90° elbow (1 piece)	DY684	84887684
45° elbow (2 pieces)	DY685	84887685
30° elbow (2 pieces)	DY686	84887686
15° elbow (2 pieces)	DY687	84887687
Straight inspection pipe	DY689	84887689
Compensation sleeve	DY688	84887688
Inspection T	DY737	84887737
Ø 80/125 mm		
Connection kit 3 CEP	DY887	100014000
Horizontal forced flue with inspection elbow	DY882	100011365
Horizontal forced flue	FM183	100007638
Vertical forced flue - black	DY843	100002732
- red	DY844	100002733
Boiler connection kit	DY716	84887716
Perpendicular boiler connection kit	DY849	100003271
Pipe boiler connection kit	DY850	100003272
Ø 60/100 mm on 80/125 mm adapter	DY708	84887708
250 mm extension kit	DY126	84887526
500 mm extension kit	DY127	84887527
1000 mm extension kit	DY128	84887528
1950 mm extension kit	DY129	84887529
Inspection T	DY125	84887525
Straight inspection pipe	DY124	84887524
Inspection elbow	DY875	100008311
87° elbow	DY131	84887531
45° elbow (2-pieces)	DY132	84887532
Compensation sleeve	DY130	84887530
Finishing plate Ø 125 mm with connecting piece	DY758	84887758
Sleeve Ø 141 mm	DY763	84887763
Adapter Ø 80/125 mm (MCA)	HR38	1000465
- Ø 110/150 mm		
Horizontal forced flue kit	DY881	100011364
Vertical forced flue kit, black	DY845	100002734
Boiler connection kit	DY818	100002360
Ø 100/150 mm on 110/150 mm adapter	DY817	100002357
500 mm extension kit	DY811	100002351
1000 mm extension kit	DY812	100002352
Inspection T	DY816	100002356
Straight inspection pipe	DY815	100002355
87° elbow	DY813	100002353
45° elbow (2-pieces)	DY814	100002354
- Ø 60 mm		
Chimney connection kit	DY700	84887700
Inspection T	DY741	84887741
Straight inspection pipe	DY698	84887698
500 mm (2-pieces) extension kit	DY690	84887690
1000 mm (2-pieces) extension kit	DY691	84887691
1950 mm (2-pieces) extension kit	DY692	84887692
87° elbow (1-piece)	DY693	84887693
45° elbow (2-pieces)	DY694	84887694
Centring star (2-pieces)	DY673	84887673
- Ø 80 mm		
Finishing plate	DY757	84887757
Sleeve Ø 124 mm	DY753	84887753
Adapter Ø 80/110 mm (GTU C 120)	DY902	100015318
Boiler connection kit Ø 60/100 mm on Ø 80/125 mm adapter	DY718	84887718
Chimney connection kit with Ø 80 mm on Ø 60 mm adapter	DY701	84887701
Rigid chimney connection kit	DY717	84887717
Air/flue gas vent with flashing (rigid pipe)	DY185	84887585
Stainless steel protection screen Ø 90 mm for roof outlet		300007172
Inspection T	DY163	84887563
Inspection elbow	DY877	100008301
Straight inspection pipe	DY146	84887546
250 mm (2 pieces) extension kit	DY613	84887613
500 mm (2 pieces) extension kit	DY614	84887614
1000 mm (2 pieces) extension kit	DY615	84887615
1950 mm (2 pieces) extension kit	DY150	84887550

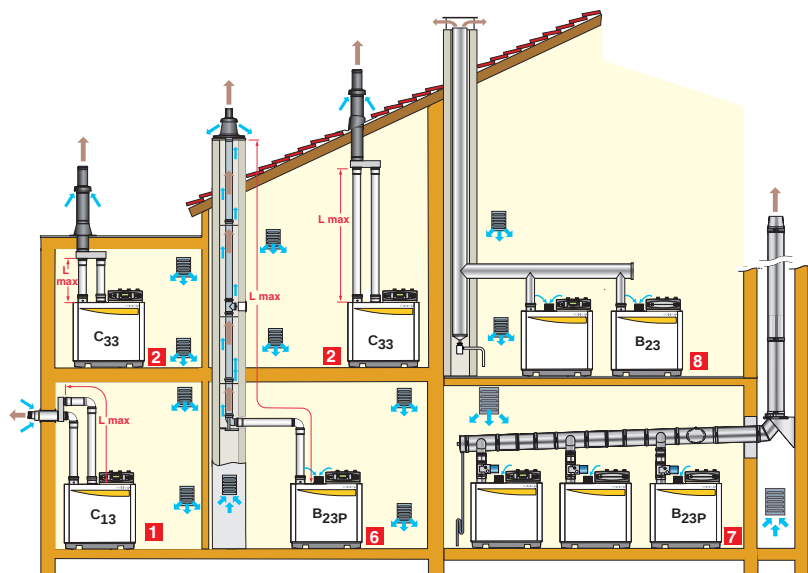
ACCESSORIES (PPS)	PACKAGE	REF.
- Ø 80 mm (contd.)		
Sleeve with measuring point (lg 160 mm) (GTU C 120)	DY903	100015319
87° elbow (1 piece)	DY152	84887552
45° elbow (2 pieces)	DY154	84887554
Flex chimney connection kit	DY151	84887551
- Ø 80 mm (flex)		
Flex chimney connection kit	DY895	100015325
Air/flue gas vent with flashing for flex	DY899	100015329
Stainless steel protection screen Ø 90 mm for roof outlet		300007172
Flex pipe (12.5 m)	DY897	100015327
Flex pipe (50 m)	DY896	100015326
Coupling part for flex pipe	DY898	100015328
Inspection pipe for flex pipe	DY900	100015330
Flex pipe insertion tool	DY901	100015331
Centring star (2 pieces)	DY618	84887618
Adapter PPS Ø 80 mm	DY904	100015880
- Ø 110 mm		
Adapter Ø 100/150 on 110/150 mm	DY817	100002357
Boiler connection kit	DY801	100002266
Chimney connection kit with Ø 80 mm on Ø 110 mm adapter	DY876	100008312
Chimney connection kit (rigid)	DY177	84887577
Air/flue gas vent with flashing (rigid pipe)	DY189	84887589
Stainless steel protection screen Ø 120 mm for roof outlet		300007173
Inspection tube	DY183	84887583
Inspection elbow	DY188	84887588
500 mm extension kit	DY180	84887580
1000 mm extension kit	DY179	84887579
1950 mm extension kit	DY178	84887578
87° elbow	DY181	84887581
45° elbow	DY182	84887582
Centring collar (2 pieces)	DY187	84887587
- Ø 110 mm (flex)		
Flex chimney connection kit	DY888	100015287
Air/flue gas vent with flashing (flex pipe)	DY892	100015322
Stainless steel protection screen Ø 120 mm for roof outlet		300007173
Flex pipe (15 m)	DY889	100015288
Flex pipe (25 m)	DY890	100015289
Coupling part for flex pipe	DY891	100015321
Inspection pipe for flex pipe	DY893	100015323
Flex pipe insertion tool	DY894	100015324
Centring star (4 pieces)	DY805	100002280
Adapter PPS Ø 110 mm	DY905	100015881

ACCESSORIES (ALU/PPS)	PACKAGE	REF.
Roof outlet (dormer window) for Ø 60/100 mm, Ø 80/125 mm or Ø 110/150 mm		
- for slope of 30 to 45°	DY11	84887411
- for slope of 40 to 55°	CX49	84837729
Ø 80/125 mm flue tile		
- black for slope of 5 to 25°	CX121	84837121
- black for slope of 25 to 45°	CX52	84837732
- black for slope of 35 to 55°	CX63	84837734
- red for slope of 5 to 25°	CX120	84837120
- red for slope of 25 to 45°	CX83	84837783
- red for slope of 35 to 55°	CX84	84837784
Ø 110/150 mm flue tile		
- black for slope of 25 to 45°	CX104	84827104
- red for slope of 25 to 45°	CX106	84827106
Water tightness bed plate - Ø 80/125 mm for flat roof	CX51	84837731
- Ø 110/150 mm	CX103	84827103
Interior finishing plate - Ø 80/125 mm	CX72	84837741
- Ø 110/150 mm	CX115	84827115
Ø 125 mm fastening collar short lug	CX118	84837118
Ø 125 mm fastening collar long lug	CX79	84837779
Ø 150 mm fastening collar long lug	CX111	84827111
External ventilation screen	DY35	84887435
Internal ventilation screen	DY36	84887436
Ø 80/125 mm stainless steel protection basket	DY865	100005002
Ø 110/150 mm stainless steel protection basket	DY866	100005004

FLUE SYSTEMS FOR C 230 ECO, C 310 ECO, C 610 ECO

CLASSIFICATION

- 1 Configuration C₁₃**: Air/flue gas connection by means of separate air and flue gas pipes to a concentric horizontal terminal (wall outlet).
Attention: configuration banned in establishments open to the public.
- 2 Configuration C₃₃**: Air/flue gas connection by means of separate air and flue gas pipes to a concentric vertical terminal (roof outlet).
- 6 Configuration B_{23P}**: Connection to a flue gas conduit under pressure, the combustible air being drawn from the boiler room.
- 7 Configuration B_{23P}**: For cascade installation. The compulsory flue dampers are to order separately (Package GV 24 for C 230 Eco or GS 23 for C 310/610 Eco).
- 8 Configuration B₂₃**: Connection of one boiler or several boilers in cascade to a chimney in depression, insensitive to humidity, the combustible air being taking from the boiler room.



C230_F0086C

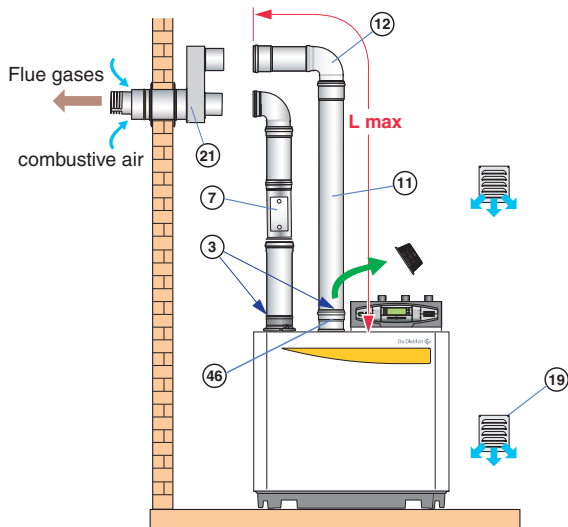
TABLE OF MAXIMUM AIR/FLUE GAS PIPE LENGTHS ADMISSIBLE ACCORDING TO BOILER TYPE

Type of air/flue gas connection			Lmax: maximum length of the connecting pipes in m						see page
			85	C 230-... Eco			C 310 Eco	C 610 Eco	
Concentric pipes connected to a horizontal air/flue gas vent	C ₁₃	Ø 150 or 160 mm	50	37	16	14	-	-	207
Concentric pipes connected to a vertical air/flue gas vent	C ₃₃	Ø 150 or 160 mm	50	37	16	14			207
		Ø 200 or 250 mm					consult us	consult us	209
In the chimney (combustive air taken from the premises)	B _{23P}	Ø 150 or 160 mm	50	50	37	33	-	-	208
		Ø 250 mm	-	-	-	-	50	-	210
		Ø 350 mm	-	-	-	-	-	50	210

FLUE SYSTEMS FOR C 230 ECO

1 Classification C₁₃ - Concentric horizontal forced flue

Attention: configuration banned in establishments open to the public

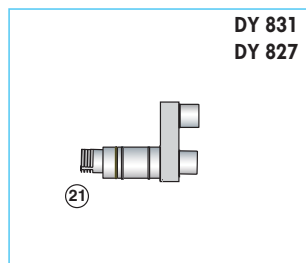


Ø 150 or Ø 160 mm	Lmax (m)
C 230-85 Eco	50
C 230-130 Eco	37
C 230-170 Eco	16
C 230-210 Eco	14

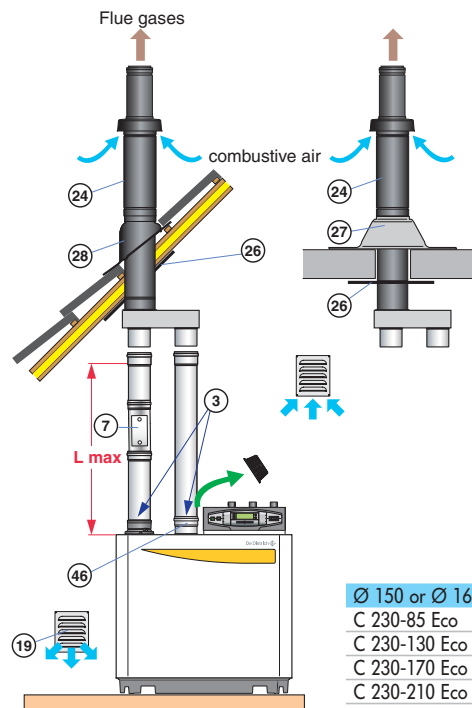
PPS OR ALU FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION TO A HORIZONTAL AIR/FLUE GAS VENT

Connection Ø	Horizontal forced flue (1)	Air connection part	Adapt. Ø 150 to 160 mm
Ø 150/220 mm	Package n° DY 831	DY 830	-
ALU	Ref. 100002469	100002404	-
Ø 160/220 mm	Package n° DY 827	DY 830	DY 825
PPS	Ref. 100002401	100002404	100002399

(1) For walls kit > 400 mm, an optional extension is available: see below.



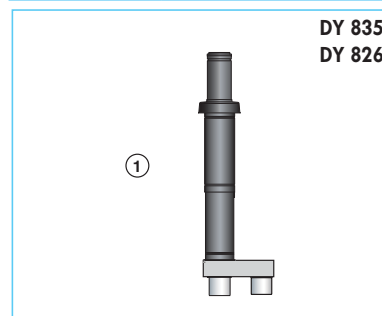
2 Classification C₃₃ - Concentric vertical forced flue



Ø 150 or Ø 160 mm	Lmax (m)
C 230-85 Eco	50
C 230-130 Eco	37
C 230-170 Eco	16
C 230-210 Eco	14

PPS OR ALU FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION TO A VERTICAL AIR/FLUE GAS VENT

Connection Ø	Vertical forced flue	Air connection part	Adapt. Ø 150 to 160 mm
Ø 150/220 mm	Package n° DY 835	DY 830	-
ALU	Ref. 100002473	100002404	-
Ø 160/220 mm	Package n° DY 826	DY 830	DY 825
PPS	Ref. 100002400	100002404	100002399



OTHERS FLUE SYSTEMS ACCESSORIES AVAILABLE

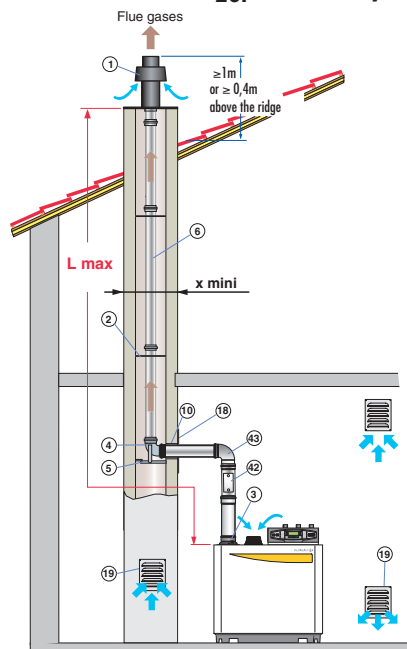
- ALU Ø 150/220 mm and Ø 150 mm	PACKAGE	REF.
Inspection T	DY 832	100002470
Straight inspection pipe, l 300 mm	DY 644	84887644
500 mm extension kit	DY 645	84887645
1000 mm extension kit	DY 646	84887646
1950 mm extension kit	DY 647	84887647
87° elbow (1-piece)	DY 649	84887649
45° elbow (2-pieces)	DY 650	84887650
Extension for horiz. air/flue gas vent Ø 150/220 mm	DY 864	100004243
- PPS Ø 160/220 mm and Ø 160 mm		
Extension for horizontal air/flue gas vent Ø 160/220 mm	DY 857	100004040
300 mm straight inspection pipe	DY 833	100002471
Inspection elbow	DY 834	100002472
500 mm extension kit	DY 822	100002396
1000 mm extension kit	DY 821	100002395
87° elbow (1-piece)	DY 823	100002397
45° elbow (2-pieces)	DY 824	100002398

- COMMON ACCESSORIES	PACKAGE	REF.
Ø 160/220 mm flashing for flat roof	DY 828	100002402
Ø 160/220 mm flashing for sloping roof	DY 829	100002403
Ø 160 mm fastening collar	DY 842	100002693
Internal finishing plate	DY 840	100002700
Ø 150 mm fastening collar	DY 841	100002692

Nota: L_{max} is measured by adding the lengths of the straight air/flue gas pipes and the equivalent lengths of the other sections:
 - Ø 150 mm (alu): elbow 87° = 6.4 m, elbow 45° = 1.7 m, inspection T = 6.4 m, inspection tube = 0.5 m
 - Ø 160 mm (PPS): elbow 87° = 5 m, elbow 45° = 1.4 m, inspection elbow = 5 m, inspection tube = 0.9 m.

FLUE SYSTEMS FOR C 230 ECO

6 Classification B_{23p} - Chimney

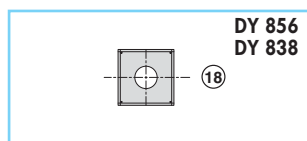
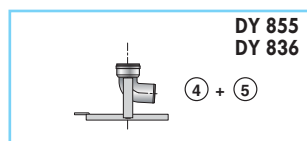
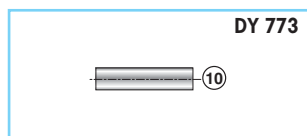
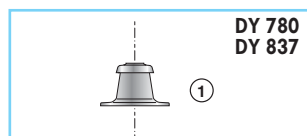


Ø 150 or Ø 160 mm	Lmax (m)	Ø	x mini
C 230-85 Eco	50 (*)	220	240
C 230-130 Eco	50 (*)	220	240
C 230-170 Eco	37 (*)	220	240
C 230-210 Eco	33 (*)	220	240

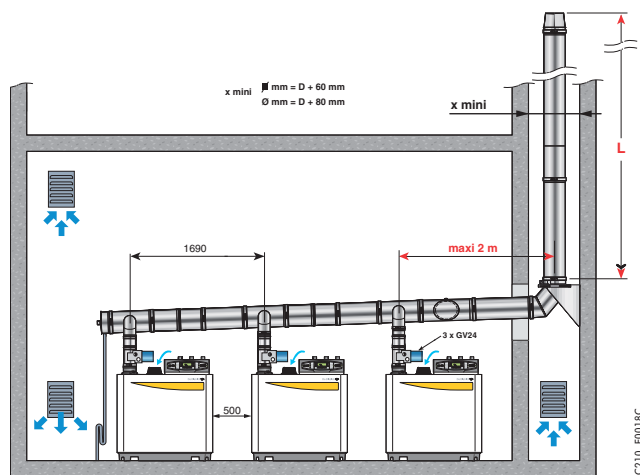
(*) Max. height in the flue pipe from the support elbow to the outlet mustn't exceed 30 m for rigid PPS
In case of higher lengths, holding collars must be added by slices of 30 m.

PPS OR ALU FLUE SYSTEMS ACCESSORIES NEED AS A MINIMUM FOR CONNECTION TO A CHIMNEY

Connection Ø	Air/flue gas vent with flashing	87° elbow + bracket	Finishing plate	Sleeve lg 500 mm	Adapter Ø 150 to 160 mm
Ø 150/220 mm	Package n°	DY 780	DY 855	DY 856	DY 773
ALU	Ref. 84887780	100003968	100003969	84887773	-
Ø 160/220 mm	Package n°	DY 837	DY 836	DY 838	DY 773
PPS	Ref. 100002475	100002474	100002476	84887773	100002399

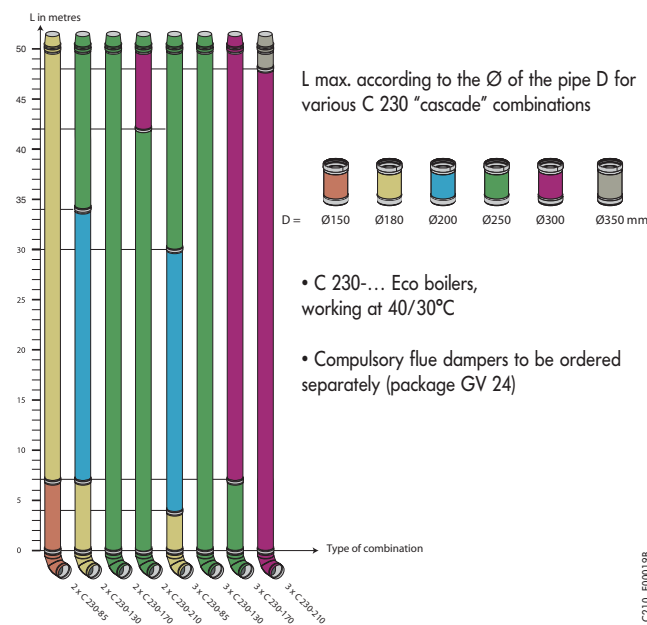


7 Classification B_{23p} for installation in cascade



Maximum admissible length L (in m) depending on the Ø of the pipe D (in mm) for various "cascade" combinations

(These lengths have been defined in accordance with the dimensional constraints given in the schematic above. For different dimensional constraints, consult us).



NB: These lengths are given as a rough guide. De Dietrich's liability may in no event be invoked.

OTHERS FLUE SYSTEMS ACCESSORIES AVAILABLE

- ALU (Ø 150 mm)	PACKAGE	REF.
Straight inspection pipe, 300 mm	DY 644	84887644
Inspection T	DY 832	100002470
500 mm extension kit	DY 645	84887645
1000 mm extension kit	DY 646	84887646
1950 mm extension kit	DY 647	84887647
87° elbow (1 piece)	DY 649	84887649
45° elbow (2 pieces)	DY 650	84887650
87° elbow with bracket	DY 855	100003968
Centring stars (2 pieces)	DY 648	84887648
External ventilation screen 175 cm²	DY 35	84887435
Internal ventilation screen 175 cm²	DY 36	84887436

- PPS (Ø 160 mm)	PACKAGE	REF.
300 mm straight inspection pipe	DY 833	100002471
Inspection elbow	DY 834	100002472
500 mm extension kit	DY 822	100002396
1.000 mm extension kit	DY 821	100002395
87° elbow (1 piece)	DY 823	100002397
45° elbow (2 pieces)	DY 824	100002398
87° elbow with bracket	DY 836	100002474
Finishing plate for chimney	DY 838	100002476
Centring stars (2 pieces)	DY 839	100002540
External ventilation screen 175 cm²	DY 35	84887435
Internal ventilation screen 175 cm²	DY 36	84887436

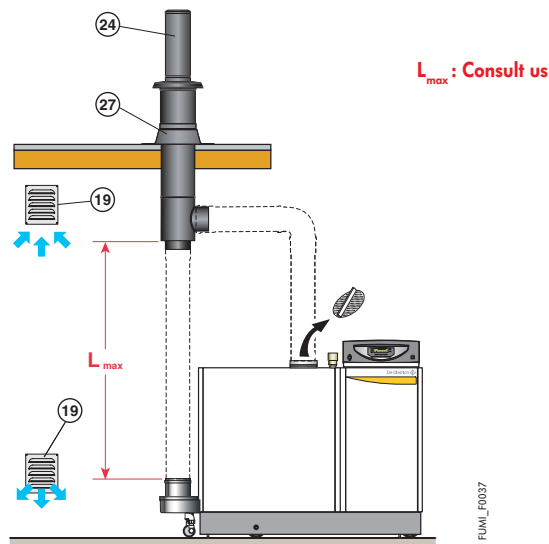
Nota: L_{max} is measured by adding the lengths of the straight air/flue gas pipes and the equivalent lengths of the other sections:

- Ø 150 mm (alu): elbow 87° = 6.4 m, elbow 45° = 1.7 m, inspection T = 6.4 m, inspection tube = 0.5 m
- Ø 160 mm (PPS): elbow 87° = 5 m, elbow 45° = 1.4 m, inspection elbow = 5 m, inspection tube = 0.2 m.

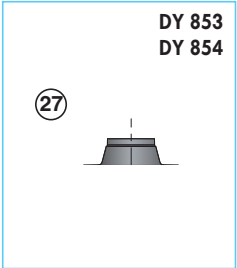
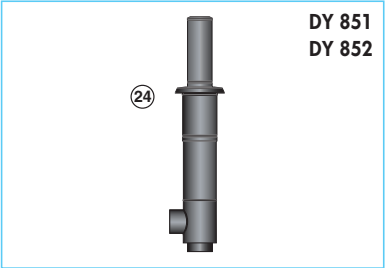
FLUE SYSTEMS FOR C 310 ECO, C 610 ECO

2 Classification C₃₃ - Concentric vertical forced flue

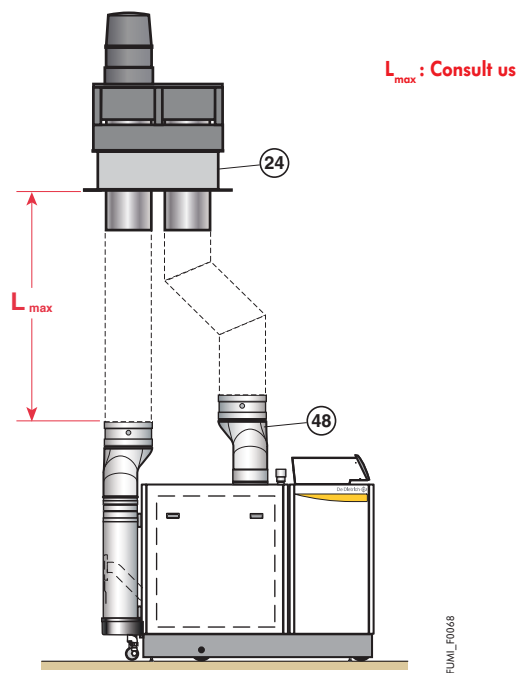
⇒ for C 310 Eco



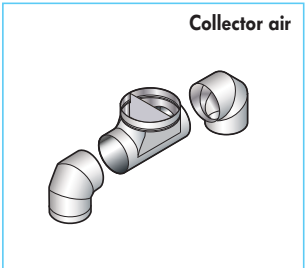
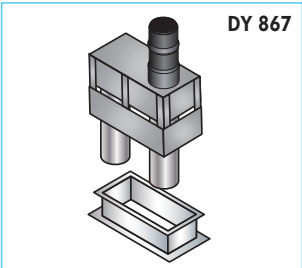
ACCESSORIES	PACKAGE	REF.
Vertical air/flue gas vent (galvanised aluminium) Ø 200/300 mm	DY851	100003460
Vertical air/flue gas vent (galvanised aluminium) Ø 250/350 mm	DY852	100003461
Flashing for flat roof Ø 300 mm	DY853	100003462
Flashing for flat roof Ø 350 mm	DY854	100003463



⇒ for C 610 Eco



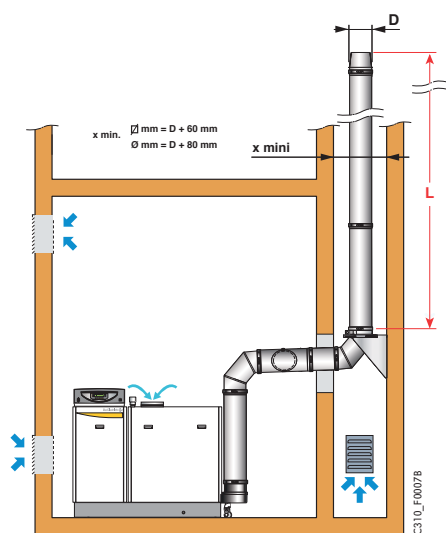
ACCESSORIES	PACKAGE	REF.
Vertical air/flue gas vent Ø 2 x 350 mm	DY867	100005670
Collector air inlet Ø 2 x 250 to 350 mm	-	S59704



FLUE SYSTEMS FOR C 310 ECO, C 610 ECO

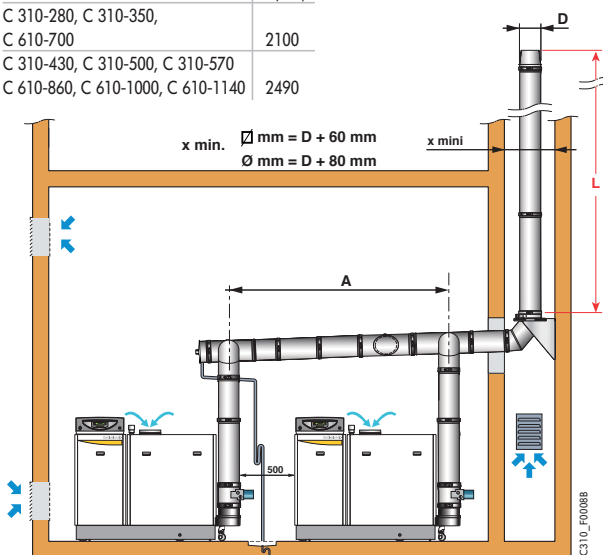
6 7 Classification B_{23p}: chimney

Boiler only



Installation in cascade

A (mm)	
2100	C 310-280, C 310-350, C 610-700
2490	C 310-430, C 310-500, C 310-570 C 610-860, C 610-1000, C 610-1140



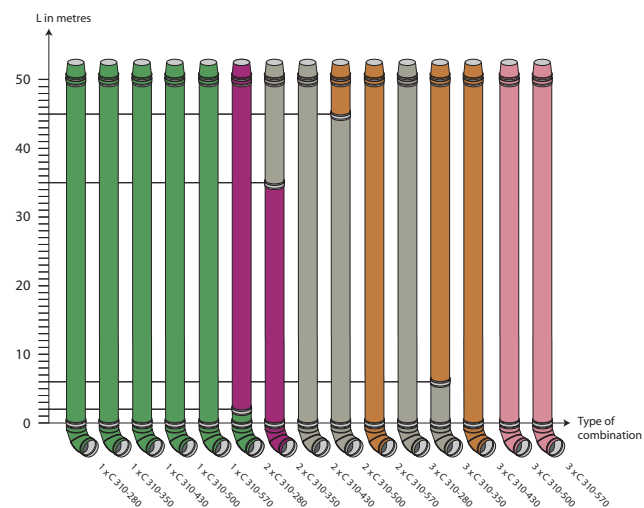
Maximum admissible length L (in m) depending on the Ø of the pipe D (in mm) for various "cascade" combinations

(These lengths have been defined in accordance with the dimensional constraints given in the schematics above. For different dimensional constraints, consult us).

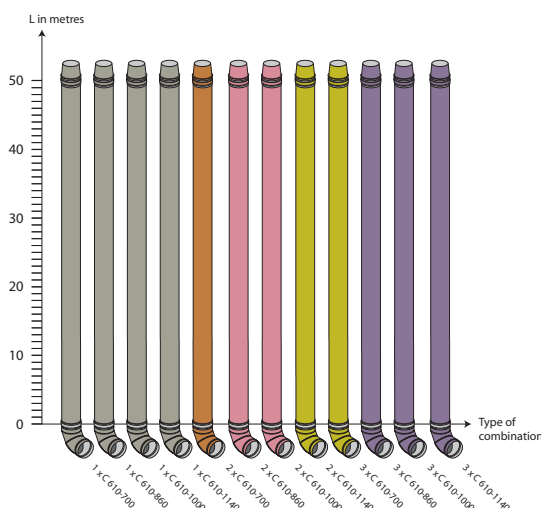


- C 310-... Eco/C 610-... Eco boilers, working at 40/30°C
- Compulsory flue damper boiler output in case of cascade (package GS 23 for C 310 Eco, integrated for C 610 Eco)
- Overpressure on the boiler fumes outlet less than 50 Pa

C 310-... Eco



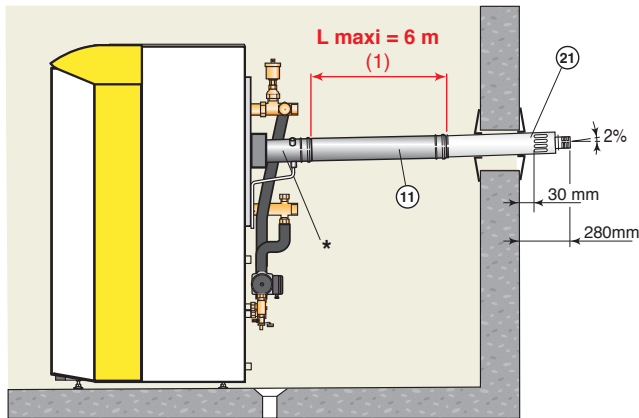
C 610-... Eco



NB: These lengths are given as a rough guide. De Dietrich's liability may in no event be invoked.

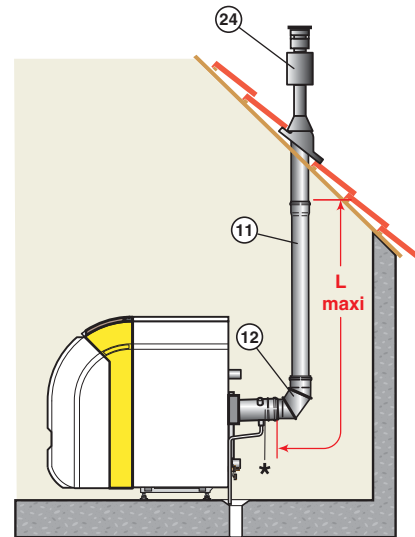
FLUE SYSTEMS FOR GTU 124/1204/1204 V FF

1 Classification C_{13x} - Concentric horizontal forced flue (GTU 124/1204 FF HOR)



FUJMI_F0052

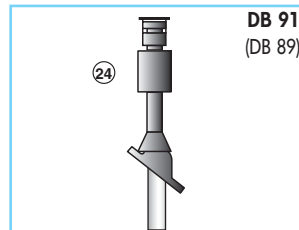
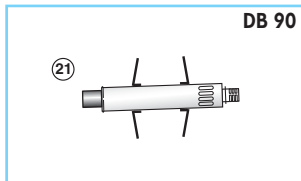
2 Classification C_{33x} - Concentric vertical forced flue (GTU 124/1204 FF VER)



FUJMI_F0054

STAINLESS STEEL FLUE SYSTEMS ACCESSORIES DELIVERED WITH THE "HOR" BOILERS

Horizontal air/flue gas vent Ø 80/125 mm telescopic from 70 to 90 mm	Package n°	DB 90
	Ref.	81998533



FUJMI_F0066

STAINLESS STEEL FLUE SYSTEMS ACCESSORIES DELIVERED WITH THE "VER" BOILERS

Vertical air/flue gas vent Ø 80/125 mm	black	Package n°	DB 91
	Ref.		81998534
	or red	Package n°	DB 89
	Ref.		81998543
87° elbow		Package n°	DB 96
	Ref.		81998539

- (1) - Lmax is measured by adding the lengths of the straight air/flue gas pipes and the equivalent lengths of the other concentric sections (1 x 90° elbow = 1.3 m, 1 x 45° elbow = 0.8 m, 1 x 90° inspection elbow = 1.4 m, 1 inspection sleeve = 0.3 m).
 - This length corresponds to the max length that can be installed for a GTU FF boiler.
 Up to 2000 m above sea level. For a boiler installed higher above sea level, this max length and the useful nominal output of the boiler are reduced.
 - The use of the silencer cartridge (available as an option) brings an additional pressure drop equivalent to 2 m.
 NB: A protection basket is required to cover the horiz. air/flue gas vent when this comes out less than 1.80 m above ground level.
 (*) adapter delivered with the boiler, fitted with a fumes measurement access (stoppered) and an end piece with condensates recuperation pipe.

OTHERS FLUE SYSTEMS ACCESSORIES AVAILABLE

STAINLESS STEEL ACCESSORIES	PACKAGE	REF.
- Ø 80/125 mm		
Long horizontal air/flue gas vent	DB 87	81998544
Silencer cartridge for horizontal air/flue gas vent	DB 88	81998545
Extension • lg 1 m	DB 92	81998535
• lg 0.5 m	DB 93	81998536
• lg 0.25 m	DB 94	81998537
Compensation sleeve from 0.39 to 0.64 m	DB 95	81998538
90° elbow	DB 96	81998539
Set of 2 x 45° elbows	DB 97	81998540
0.25 m inspection sleeve	DB 85	81998548
90° inspection elbow	DB 86	81998549

ACCESSORIES	PACKAGE	REF.
- Common accessories		
Fastening collar Ø 125 mm short lug	CX 79	84837779
Fastening collar Ø 125 mm long lug	CX 118	84837118
Roof outlet for a slope of 40 to 60° (only for mechanical tiles)	CX 49	84837729
Roof outlet for slope of 30 to 45°	DY 11	84887411
Stainless steel protection basket	DB 99	81998542
Flue tile		
- 5 to 25° black	CX 121	84837121
- 25 to 45° black	CX 52	84837732
- 35 to 55° black	CX 63	84837734
- 5 to 25° black	CX 120	84837120
- 25 to 45° black	CX 83	84837783
- 35 to 55° red	CX 84	84837784
Water tightness bed plate for flat roof	CX 51	84837731
Internal finishing plate	CX 72	84837741

HYDRAULIC MODULES

Using the various options presented on the next page, it is possible to put together complete hydraulic connection kits depending on the installation to be constructed.

⇒ for GT/GTU (C) 120 (FF), and ELITEC boilers

List of packages required according to the type of installation to realize:



Boiler type Type of installation to be constructed	GT/GTU 120/1200/1200 V GTU 120/1200/1200 V FF GTU C 120/1200/1200 V GTU C 120/1200/1200V FF	ELITEC DTG 130 Eco.NOx DTG 1300 Eco.NOx/...
1 direct circuit 	EA46 (1) + EA100/101 (GT/GTU..) or EA98/99 (GTU C..) + EA61 or EA65 or EA135	EA45 (1) + EA89/EA90 + EA61 or EA65 or EA135
1 circuit with mixing valve 	EA46 (1) + EA100/101 (GT/GTU..) or EA98/99 (GTU C..) + EA63 or EA67 or EA136	EA45 (1) + EA89/EA90 + EA63 or EA67 or EA136
1 direct circuit + 1 circuit with mixing valve 	EA46 (1) + EA100/101 (GT/GTU..) or EA98/99 (GTU C..) + EA59 + EA61 or EA65 or EA135 + EA63 or EA67 or EA136	EA45 (1) + EA89/EA90 + EA59 + EA61 or EA65 or EA135 + EA63 or EA67 or EA136
2 circuits, each with a mixing valve 	EA46 (1) + EA100/101 (GT/GTU..) or EA98/99 (GTU C..) + EA59 + 2 x EA63 or EA67 or EA136	EA45 (1) + EA89/EA90 + EA59 + 2 x EA63 or EA67 or EA136
3 circuits, 2 of them with a mixing valve 	EA46 (1) + (2) + EA60 + EA61 or EA63 or EA135 + 2 x EA63 or EA67 or EA136 + EA74	EA45 (1) + (2) + EA60 + EA61 or EA63 or EA135 + 2 x EA63 or EA67 or EA136 + EA74

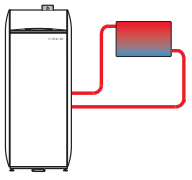
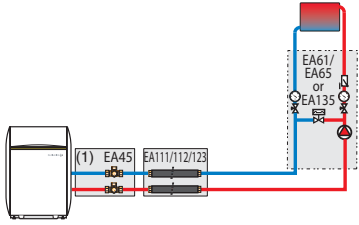
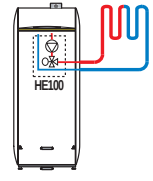
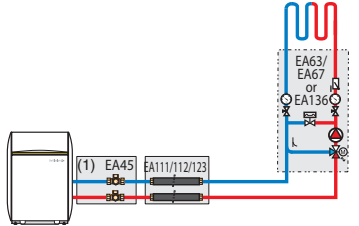
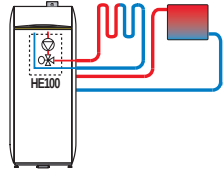
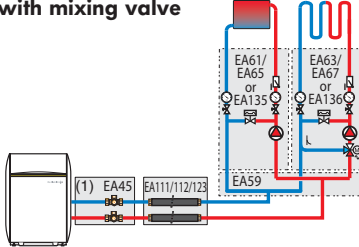
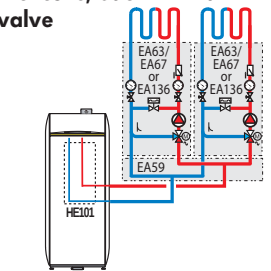
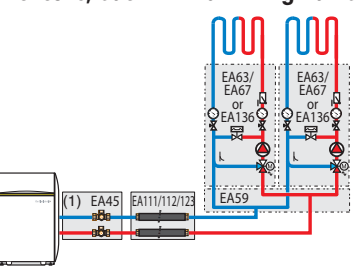
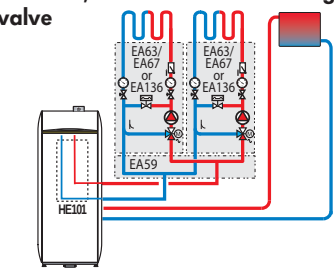
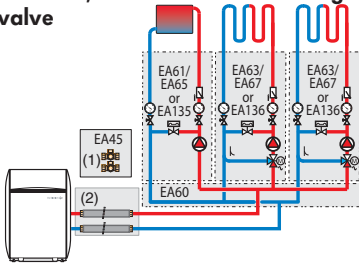
(1) The set of connecting crosses is delivered as standard with the boiler/calorifier connection kits, it is required only for boilers for heating only.

(2) Connecting pipes not be delivered, to be constructed by the fitter.

HYDRAULIC MODULES

⇒ for ELIDENS models

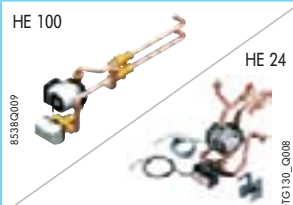
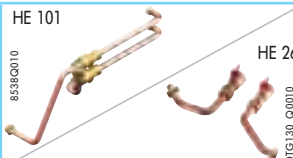
List of packages required according to the type of installation to realize:

⇒ for full equipped models Type of installation to be constructed Boiler type	DTG E 130-15/25 Eco.NOx Plus DTG 1300-15/25 Eco.NOx Plus/V 130 DTG E 1300-15/25 Eco.NOx Plus/B 150 DTG E 1300-15/25 Eco.NOx Plus/H 150 DTG E 130-35 Eco NOx Plus DTG E 1300-35 Eco NOx Plus/BA 150	⇒ for non equipped models Type of installation to be constructed Boiler type	DTG 130-25 Eco.NOx Plus DTG 1300-25 Eco.NOx Plus/B 150 DTG 1300-25 Eco.NOx Plus/H 150 DTG 1300-35 Eco.NOx Plus/BA 150 DTG 130-35 Eco NOx Plus
1 direct circuit 		1 direct circuit 	EA 45 (1) + EA 111/112 (DTG...-25...) or EA 123 (DTG...-35...) + EA 61 or EA 65 or EA 135
1 circuit with mixing valve 	HE 100 (E...-15/25...) or HE 24 (DTG E...-35...)	1 circuit with mixing valve 	EA 45 (1) + EA 111/112 (DTG...-25...) or EA 123 (DTG...-35...) + EA 63 or EA 67 or EA 136
1 direct circuit + 1 circuit with mixing valve 	HE 100 (DTG E...-15/25...) or HE 24 (DTG E...-35...)	1 direct circuit + 1 circuit with mixing valve 	EA 45 (1) + EA 111/112 (DTG...-25...) or EA 123 (DTG...-35...) + EA 59 + EA 61 or EA 65 or EA 135 + EA 63 or EA 67 or EA 136
2 circuits, each with a mixing valve 	HE 101 (DTG E...-15/25...) or HE 26 (DTG E...-35...) + EA 59 + 2 x EA 63 or EA 67 or EA 136 (2)	2 circuits, each with a mixing valve 	EA 45 (1) + EA 111/112 (DTG...-25...) or EA 123 (DTG...-35...) + EA 59 + 2 x EA 63 or EA 67 or EA 136
3 circuits, 2 of them with a mixing valve 	HE 101 (DTG E...-15/25...) or HE 26 (DTG E...-35...) + EA 59 + 2 x EA 63 or EA 67 or EA 136 (2)	3 circuits, 2 of them with a mixing valve 	EA 45 (1) + (2) + EA 60 + EA 61 or EA 65 or EA 135 + 2 x EA 63 or EA 67 or EA 136

- (1) Connecting crosses only necessary for DTG 130 Eco.NOx Plus. They are delivered as standard with the boiler/calorifier connection kits.
(2) Connecting pipes not be delivered, to be constructed by the fitter.

FLUE SYSTEMS AND HYDRAULIC MODULES

Ref.

⇒ only for ELIDENS DTG E 130/E 1300... and DTG 1300 EcoNOx Plus/V 130 (full-equipped models)				
 HE 100 8538Q009 HE 24 DTG130_Q008		Internal 3-way valve kit (with engine) - for DTG E...-15/25... - for DTG E...-35... Permits the connection of a circuit with mixing valve. This kit will be integrated under the casing.	HE100 HE24	85387000 100009840
 HE 101 8538Q010 HE 26 DTG130_Q0010		Adaptation kit for external 3-way valve - for DTG E...-15/25... - for DTG E...-35... Permits the connection of 2 circuits with mixing valve outside of the boiler.	HE101 HE26	85387001 100009842