

Herald Flue Assemblies and Ancillaries

For use with Models:

**HCB46 CE
HCB61 CE
HCB86 CE
HCB116 CE
HCB146 CE
HCB176 CE
HCB206 CE
HCB236 CE**



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Item No HBHF001

CONCENTRIC HORIZONTAL FLUE ASSEMBLY

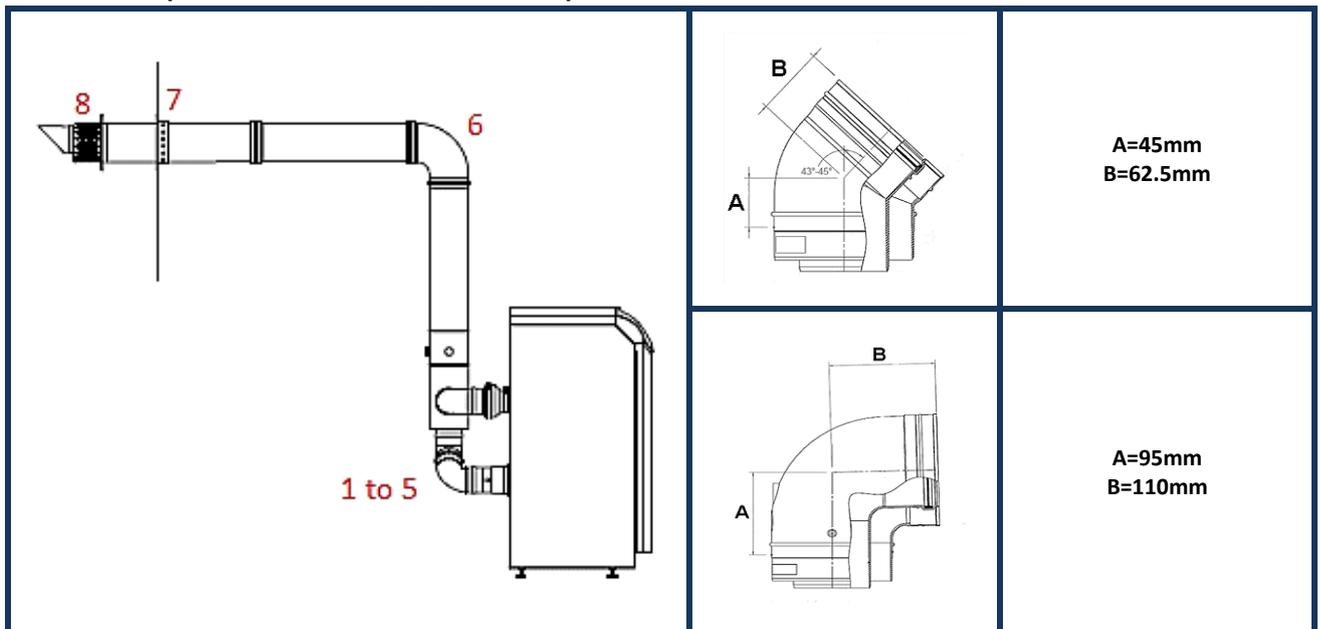
MODELS HCB46CE, HCB61CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M85291B	BEND 90° 80mm PP	1	3
M84471B	SAMPLING POINT Ø80/125mm PP	2	1
M75258B	CONCENTRIC ADAPTER TEE Ø80/80mm - Ø80/125mm PP	3	1
M75256B	AIR INLET TRANSITION Ø80mm ALU	4	1
M85271B	EXTENSION Ø80mm (500mm) PP CUT TO LENGTH	5	1
M84460B	CONCENTRIC BEND 90° Ø80/125mm PP	6	1
M86934B	CONCENTRIC HORIZONTAL TERMINAL Ø80/125mm PP (NO WALL PLATES)	7	1
M28925B	TERMINAL WALL PLATES (PAIR)	8	1

Maximum equivalent flue length =30 Metres

Reduction per 90 bend =1Metre, reduction per 45 bend 0.5Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
LV310740B	CONCENTRIC EXTENSION Ø80/125mm PP FIXED	250mm
LV310741B	CONCENTRIC EXTENSION Ø80/125mm PP FIXED	500mm
M84452B	CONCENTRIC EXTENSION Ø80/125mm PP FIXED	1000mm
LV310743B	CONCENTRIC EXTENSION Ø80/125mm PP FIXED	2000mm
LV310744B	CONCENTRIC EXTENSION Ø80/125mm PP TELESCOPIC	280 to 395mm
M84455B	CONCENTRIC EXTENSION Ø80/125mm PP CUT TO LENGTH	100 to 450mm
M84461B	CONCENTRIC BEND 45° Ø80/125mm PP	See drawing above
M84460B	CONCENTRIC BEND 90° Ø80/125mm PP	See drawing above
M87195B	WALL CLAMP Ø130	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBHF002

CONCENTRIC HORIZONTAL FLUE ASSEMBLY

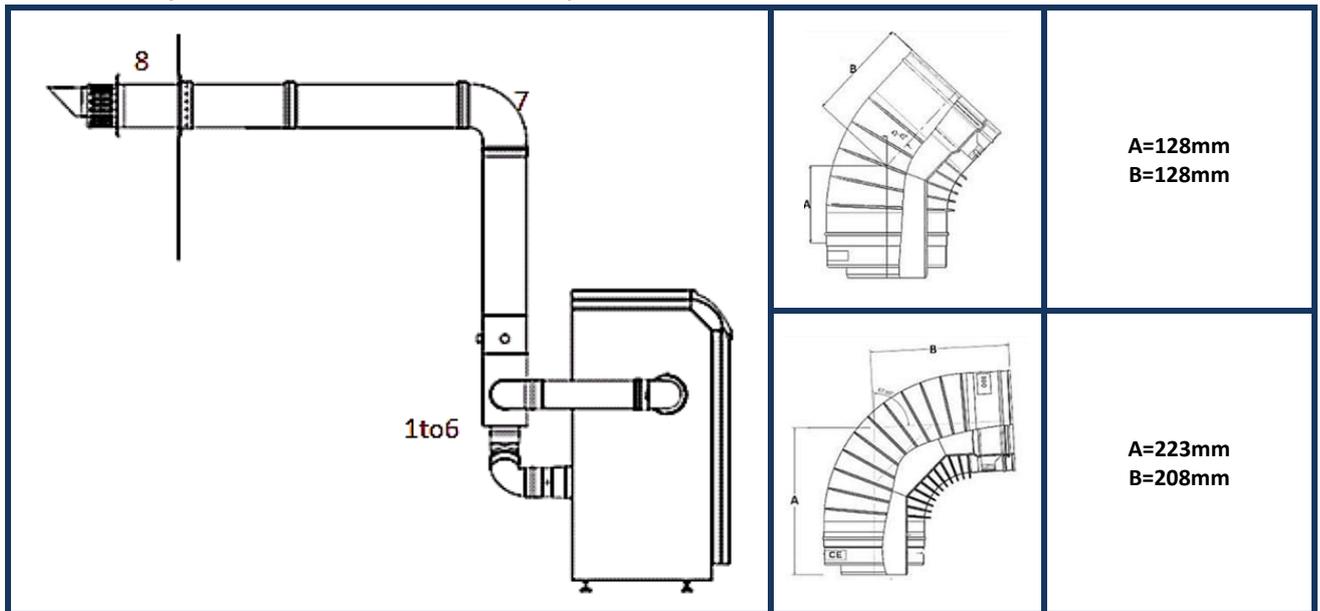
MODELS HCB86CE, HCB116CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M85181B	BEND 90° 100mm PP	1	3
M85182B	BEND 45° 100mm PP	2	1
M84421B	SAMPLING POINT Ø100/150mm PP	3	1
M75259B	CONCENTRIC ADAPTER TEE Ø100/100mm Ø100/150mm PP	4	1
M75257B	AIR INLET TRANSITION Ø100mm ALU	5	1
M85176B	EXTENSION Ø100mm (500mm) PP CUT TO LENGTH	6	3
M84412B	CONCENTRIC BEND 90° Ø100/150mm PP	7	1
LV310758 B	CONCENTRIC HORIZONTAL TERMINAL Ø100/150mm PP	8	1

Maximum equivalent flue length =30 Metres

Reduction per 90 bend =1Metre, reduction per 45 bend 0.5Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
M84412B	CONCENTRIC BEND 90° Ø100/150mm PP	See drawing above
M84413B	CONCENTRIC BEND 45° Ø100/150mm PP	See drawing above
M84405B	CONCENTRIC EXTENSION Ø100/150 PP CUT TO LENGTH	500mm
M84402B	CONCENTRIC EXTENSION Ø100/150 PP FIXED	1000mm
M87196B	WALL CLAMP Ø150mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBHF003

CONCENTRIC HORIZONTAL FLUE ASSEMBLY

Twin-pipe system with a concentric terminal

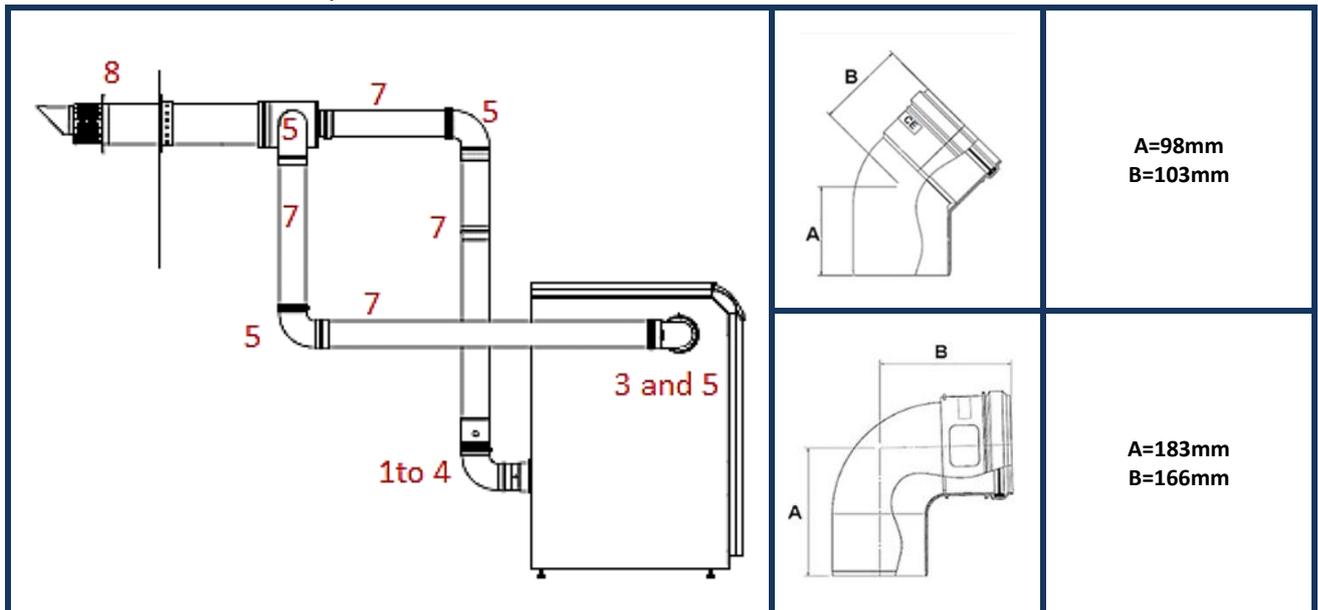
MODELS HCB146CE, HCB176CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M85126B	EXPANDER Ø100mm - Ø130mm PP	1	1
M70262B	EXPANDER Ø130mm - Ø150mm PP	2	1
M87039B	AIR INLET TRANSITION Ø150mm ALU	3	1
M85181B	BEND 90° 100mm PP	4	1
LV310665B	BEND 90° Ø150mm PP	5	4
M70326B	SAMPLING POINT Ø150mm PP	6	1
LV310694B	EXTENSION Ø150mm(1000mm) PP CUT TO LENGTH	7	4
M76561B	HORIZONTAL TERMINAL Ø150/220mm ALU	8	1

Maximum equivalent flue length =30 Metres

Each 90° bend -1.5Metres, each 45° bend -1Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
LV310695B	EXTENSION Ø150mm(2000mm) PP CUT TO LENGTH	2000mm
LV310694B	EXTENSION Ø150mm(1000mm) PP CUT TO LENGTH	1000mm
LV310664B	BEND 45° Ø150mm PP	See drawing above
LV310665B	BEND 90° Ø150mm PP	See drawing above
M87196B	WALL CLAMP Ø150mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBHF004

CONCENTRIC HORIZONTAL FLUE ASSEMBLY

Twin-pipe system with a concentric terminal

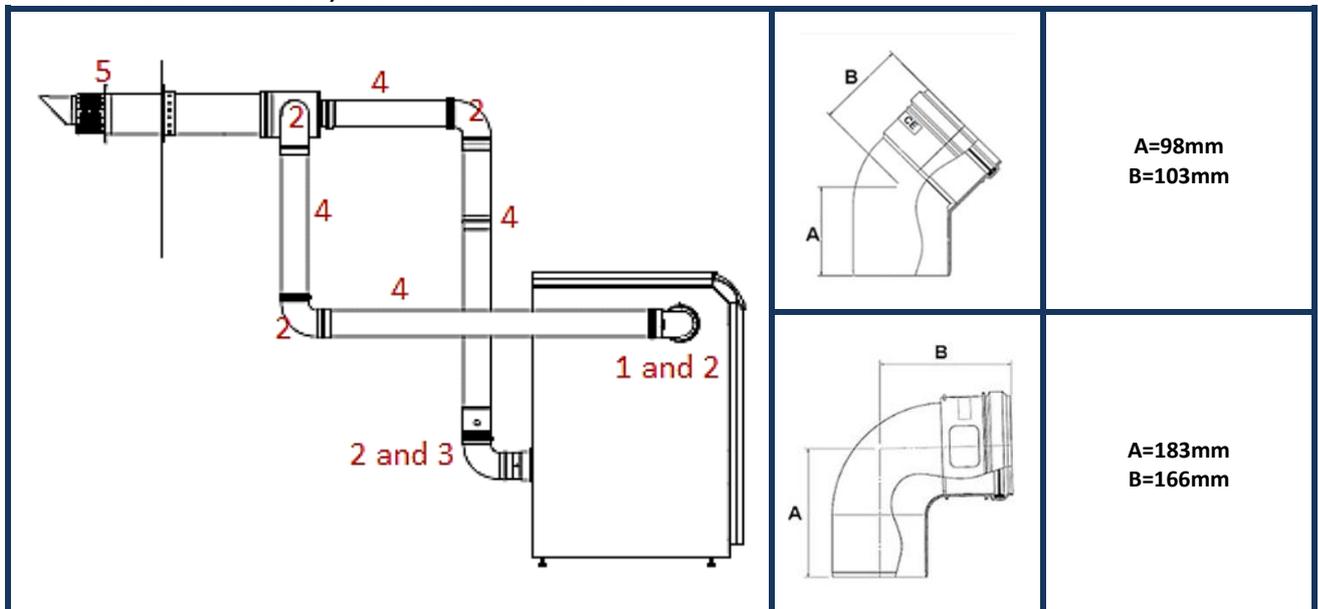
MODELS HCB206CE, HCB236CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M87039B	AIR INLET TRANSITION Ø150mm ALU	1	1
LV310665B	BEND 90° Ø150mm PP	2	5
M70326B	SAMPLING POINT Ø150mm PP	3	1
LV310694B	EXTENSION Ø150mm(1000mm) PP CUT TO LENGTH	4	4
M76561B	HORIZONTAL TERMINAL Ø150/220mm ALU	5	1

Maximum equivalent flue length =30 Metres

Each 90° bend -1.5Metres, each 45° bend -1Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
LV310695B	EXTENSION Ø150mm(2000mm) PP CUT TO LENGTH	2000mm
LV310694B	EXTENSION Ø150mm(1000mm) PP CUT TO LENGTH	1000mm
LV310664B	BEND 45° Ø150mm PP	See drawing above
LV310665B	BEND 90° Ø150mm PP	See drawing above
M87196B	WALL CLAMP Ø150mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBVF001

CONCENTRIC VERTICAL FLUE ASSEMBLY

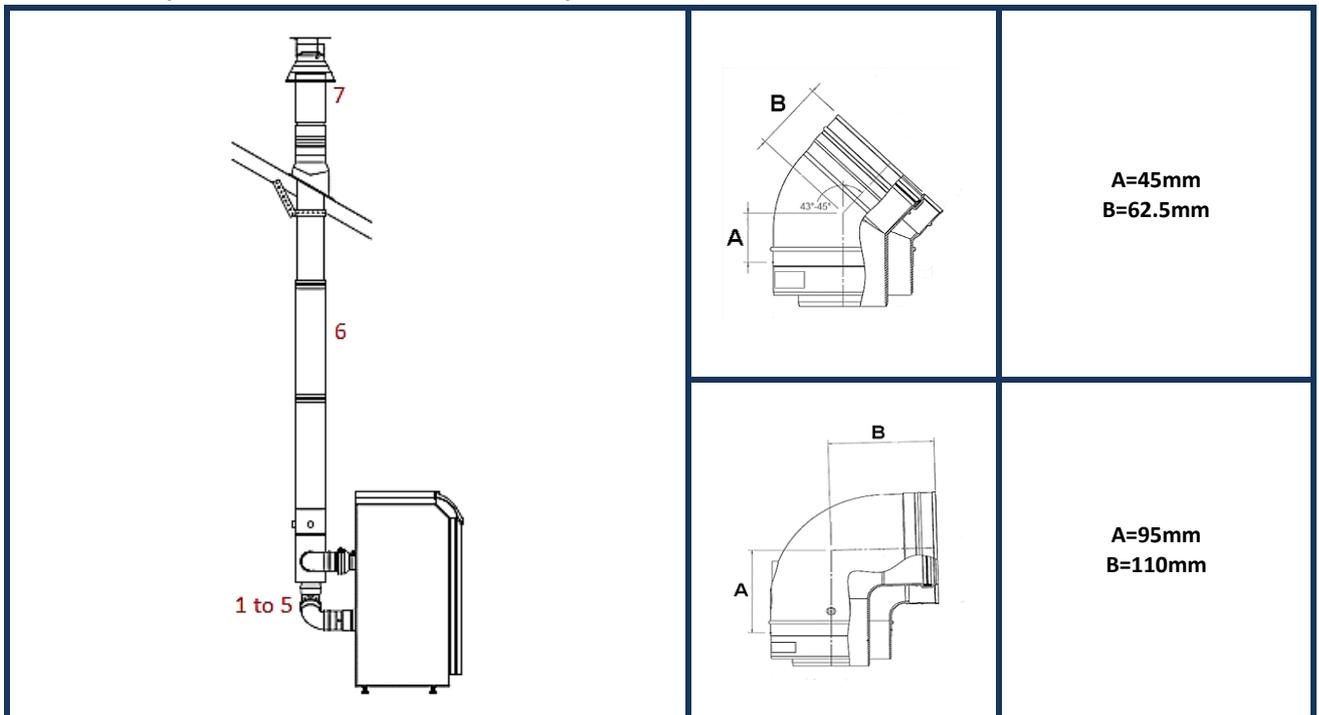
MODELS HCB46CE, HCB61CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M85291B	BEND 90° 80mm PP	1	3
M84471B	SAMPLING POINT Ø80/125mm PP	2	1
M75258B	CONCENTRIC ADAPTER TEE Ø80/80mm - Ø80/125mm PP	3	1
M75256B	AIR INLET TRANSITION Ø80mm ALU	4	1
M85271B	EXTENSION Ø80mm (500mm) PP CUT TO LENGTH	5	1
LV310744B	CONCENTRIC EXTENSION Ø80/125mm(280-395mm) PP TELESCOPIC	6	1
M86864B	CONCENTRIC VERTICAL TERMINAL Ø80/125mm PP	7	1

Maximum equivalent flue length =30 Metres

Reduction per 90 bend =1Metre, reduction per 45 bend 0.5Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
LV310740B	CONCENTRIC EXTENSION Ø80/125mm PP FIXED	250mm
LV310741B	CONCENTRIC EXTENSION Ø80/125mm PP FIXED	500mm
M84452B	CONCENTRIC EXTENSION Ø80/125mm PP FIXED	1000mm
LV310743B	CONCENTRIC EXTENSION Ø80/125mm PP FIXED	2000mm
LV310744B	CONCENTRIC EXTENSION Ø80/125mm PP TELESCOPIC	280 to395mm
M84455B	CONCENTRIC EXTENSION Ø80/125mm PP CUT TO LENGTH	100 to 450mm
M84461B	CONCENTRIC BEND 45° Ø80/125mm PP	See drawing above
M84460B	CONCENTRIC BEND 90° Ø80/125mm PP	See drawing above
M87195B	WALL CLAMP Ø130	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBVF002

CONCENTRIC VERTICAL FLUE ASSEMBLY

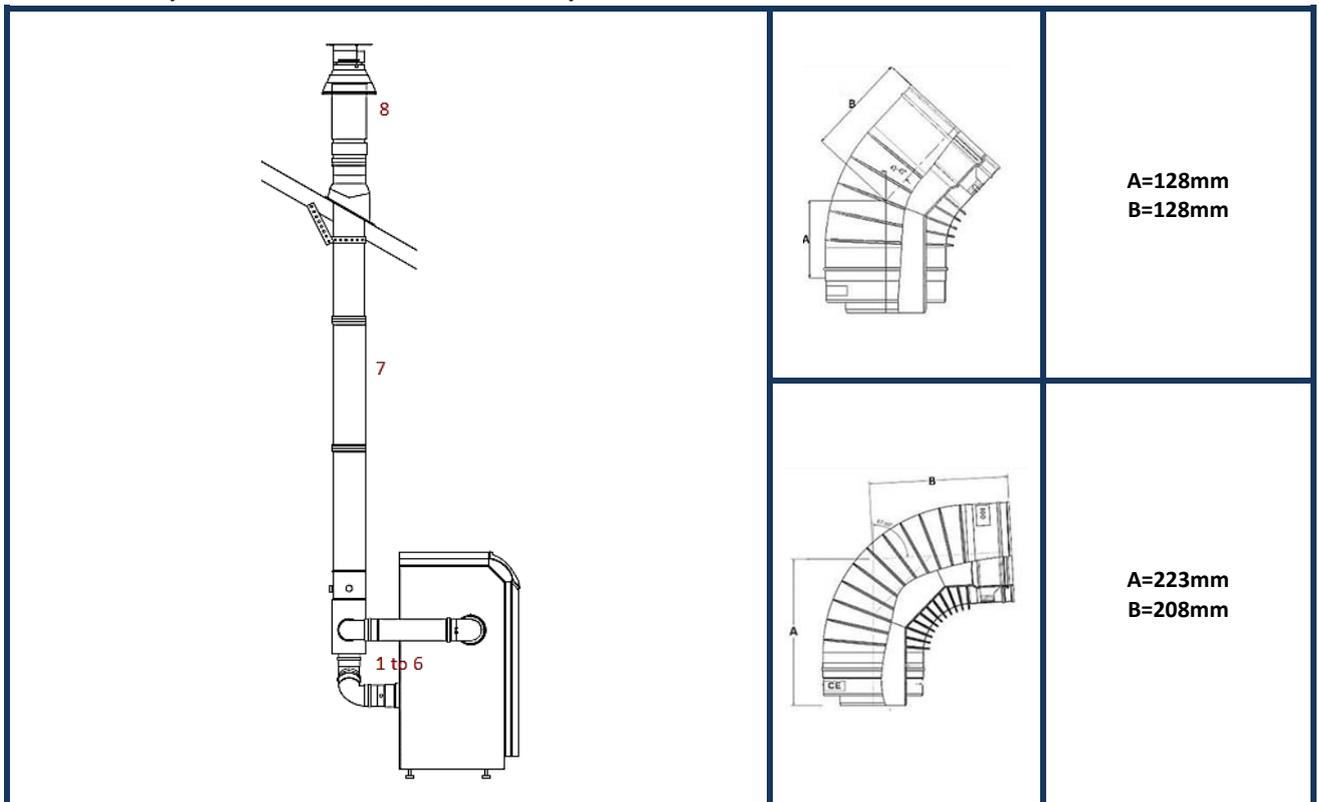
MODELS HCB86CE, HCB116CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M85181B	BEND 90° 100mm PP	1	3
M85182B	BEND 45° 100mm PP	2	1
M84421B	SAMPLING POINT Ø100/150mm PP	3	1
M75259B	CONCENTRIC ADAPTER TEE Ø100/100mm Ø100/150mm PP	4	1
M75257B	AIR INLET TRANSITION Ø100mm ALU	5	1
M85176B	EXTENSION Ø100mm (500mm) PP CUT TO LENGTH	6	3
	CHOOSE SUITABLE EXTENSIONS TO SUIT INSTALLATION	7	
LV310754B	CONCENTRIC VERTICAL TERMINAL Ø100/150mm PP	8	1

Maximum equivalent flue length =30 Metres

Reduction per 90 bend =1Metre, reduction per 45 bend 0.5Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
M84405B	CONCENTRIC EXTENSION Ø100/150 PP CUT TO LENGTH	500mm
M84402B	CONCENTRIC EXTENSION Ø100/150 PP FIXED	1000mm
M84412B	CONCENTRIC BEND 90° Ø100/150mm PP	See drawing above
M84413B	CONCENTRIC BEND 45° Ø100/150mm PP	See drawing above
M87196B	WALL CLAMP Ø150mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBVF003

CONCENTRIC VERTICAL FLUE ASSEMBLY

Twin-pipe system with a concentric terminal

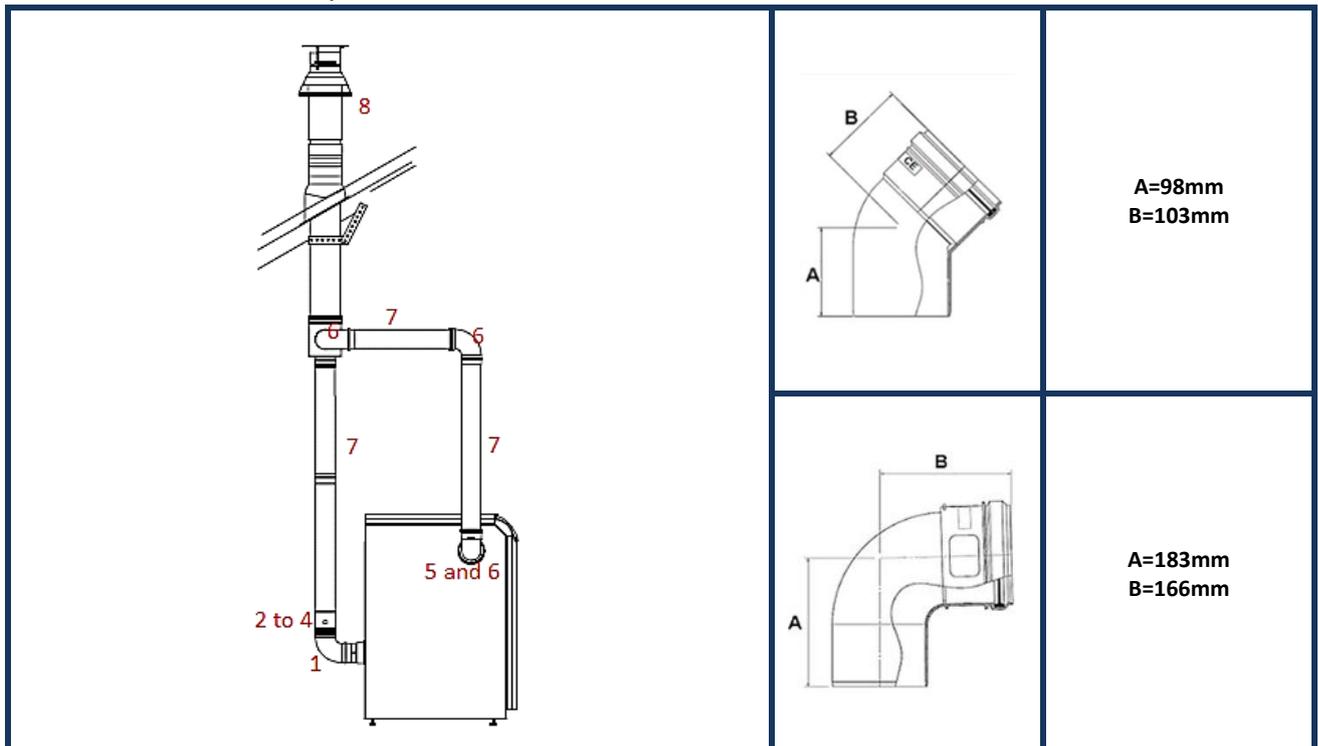
MODELS HCB146CE, HCB176CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M85181B	BEND 90° 100mm PP	1	1
M85126B	EXPANDER Ø100mm - Ø130mm PP	2	1
M70262B	EXPANDER Ø130mm - Ø150mm PP	3	1
M70326B	SAMPLING POINT Ø150mm PP	4	1
M87039B	AIR INLET TRANSITION Ø150mm ALU	5	1
LV310665B	BEND 90° Ø150mm PP	6	3
LV310694B	EXTENSION Ø150mm(1000mm) PP CUT TO LENGTH	7	4
M86929B	VERTICAL TERMINAL Ø150/220mm ALU	8	1

Maximum equivalent flue length =30 Metres

Each 90°bend -1.5Metres, each 45° bend -1Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
LV310695B	EXTENSION Ø150mm PP CUT TO LENGTH	2000mm
LV310694B	EXTENSION Ø150mm PP CUT TO LENGTH	1000mm
LV310664B	BEND 45° Ø150mm PP	See drawing above
LV310665B	BEND 90° Ø150mm PP	See drawing above
M87196B	WALL CLAMP Ø150mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBVF004

CONCENTRIC VERTICAL FLUE ASSEMBLY

Twin-pipe system with a concentric terminal

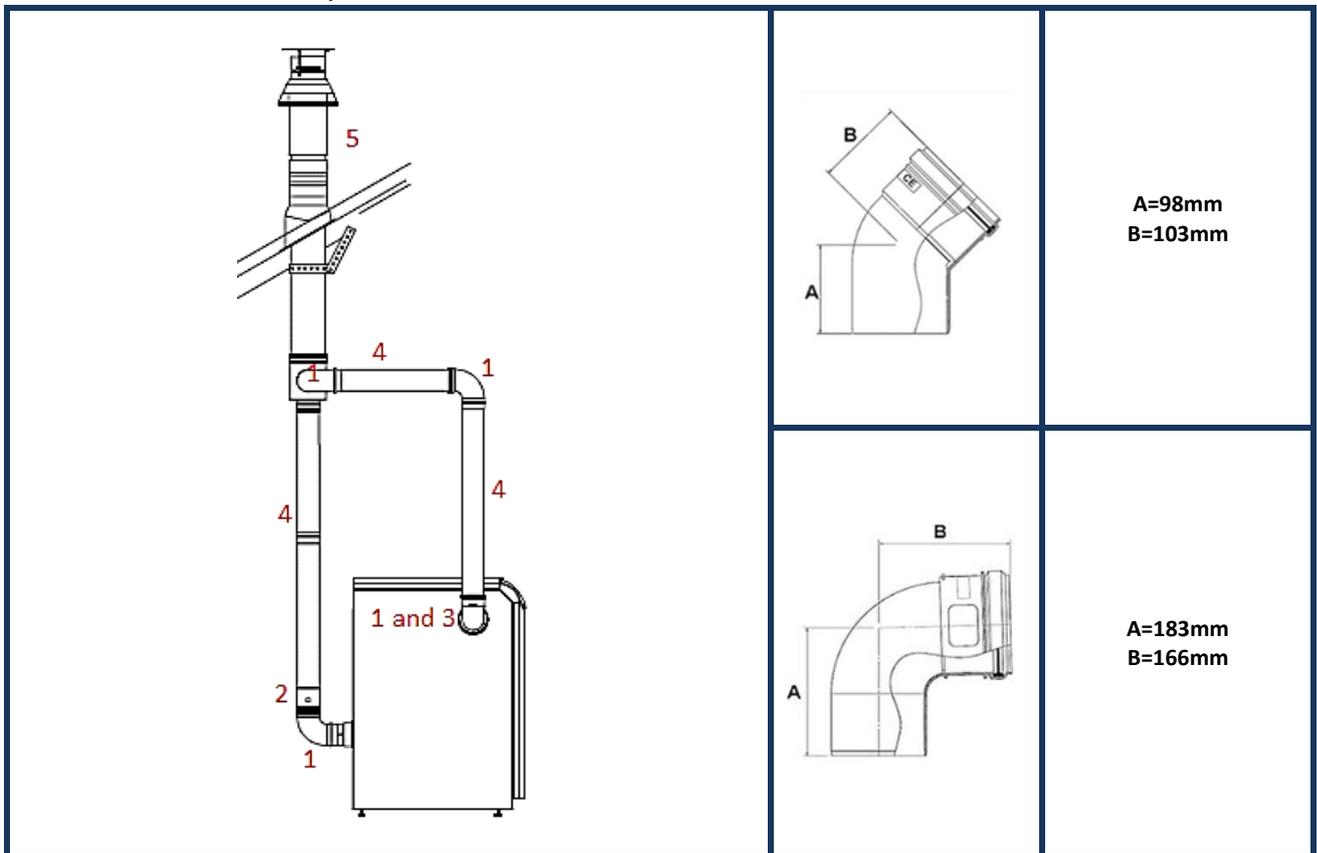
MODELS HCB206CE, HCB236CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
LV310665B	BEND 90° Ø150mm PP	1	4
M70326B	SAMPLING POINT Ø150mm PP	2	1
M87039B	AIR INLET TRANSITION Ø150mm ALU	3	1
LV310694B	EXTENSION Ø150mm(1000mm) PP CUT TO LENGTH	4	4
M86929B	VERTICAL TERMINAL Ø150/220mm ALU	5	1

Maximum equivalent flue length =30 Metres

Each 90° bend -1.5Metres, each 45° bend -1Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
LV310695B	EXTENSION Ø150mmPP CUT TO LENGTH	2000mm
LV310694B	EXTENSION Ø150mmPP CUT TO LENGTH	1000mm
LV310664B	BEND 45° Ø150mm PP	See drawing above
LV310665B	BEND 90° Ø150mm PP	See drawing above
M87196B	WALL CLAMP Ø150mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBCF001

FAN ASSISTED OPEN FLUE STARTER ASSEMBLY

Kit contains components to start the connection to the appliance only

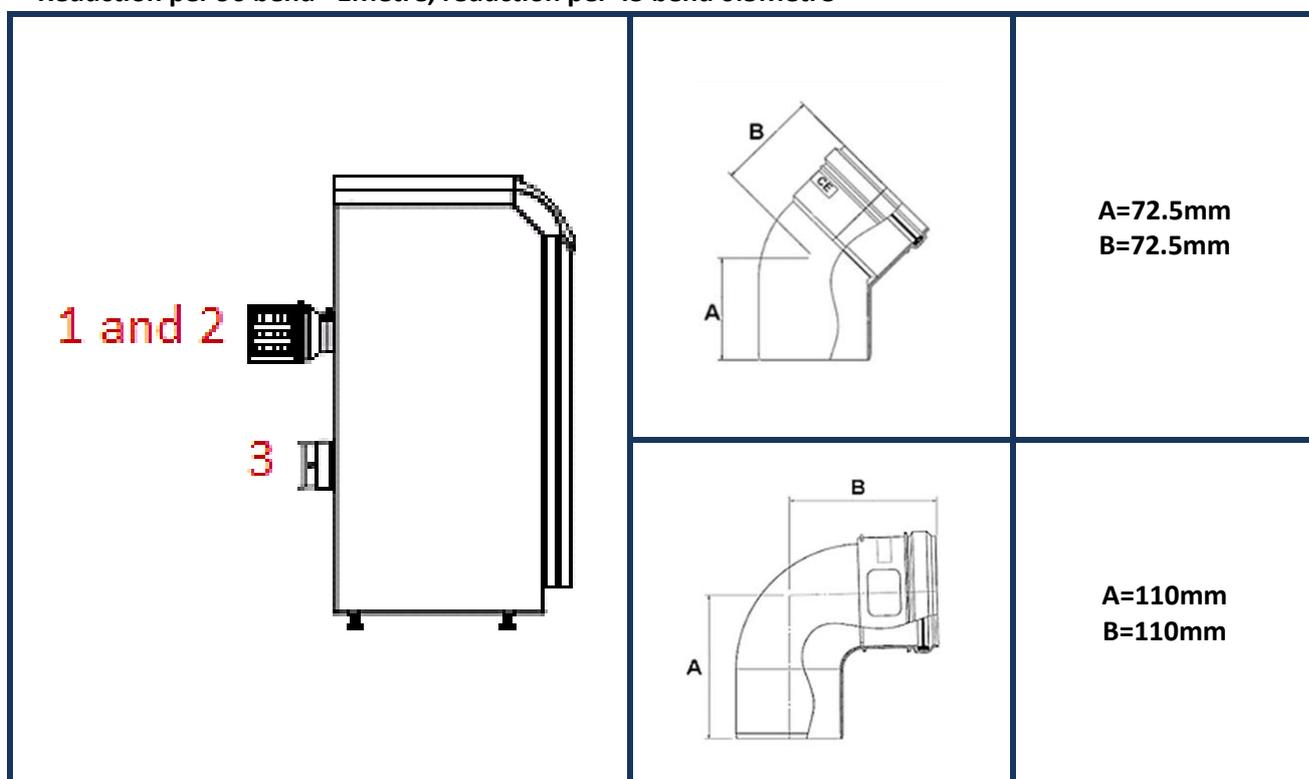
MODELS HCB46CE, HCB61CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M75256B	AIR INLET TRANSITION Ø80mm ALU	1	1
M73039B	AIR INLET GRILLE Ø80mm ALU	2	1
M85279B	SAMPLING POINT Ø80mm PP	3	1

Maximum equivalent flue length =60 Metres

Reduction per 90 bend =1Metre, reduction per 45 bend 0.5Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
M86864B	CONCENTRIC VERTICAL TERMINAL Ø80/125mm PP	1354mm total
M86934B	CONCENTRIC HORIZONTAL TERMINAL Ø80/125mm PP (NO WALL PLATES)	765mm total
M28925B	TERMINAL WALL PLATES (PAIR)	n/a
LV310718B	EXTENSION - Ø80mm PP CUT TO LENGTH	250mm
M85271B	EXTENSION Ø80mm PP CUT TO LENGTH	500mm
M85272B	EXTENSION Ø80mm PP CUT TO LENGTH	1000mm
LV310721B	EXTENSION - Ø80mm PP CUT TO LENGTH	2000mm
LV310722B	EXTENSION - Ø80mm PP TELESCOPIC	240-360mm
M85292B	BEND 45° 80mm PP	See drawing above
M85291B	BEND 90° 80mm PP	See drawing above
M87191B	WALL CLAMP Ø80mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBCF002

FAN ASSISTED OPEN FLUE STARTER ASSEMBLY

Kit contains components to start the connection to the appliance only

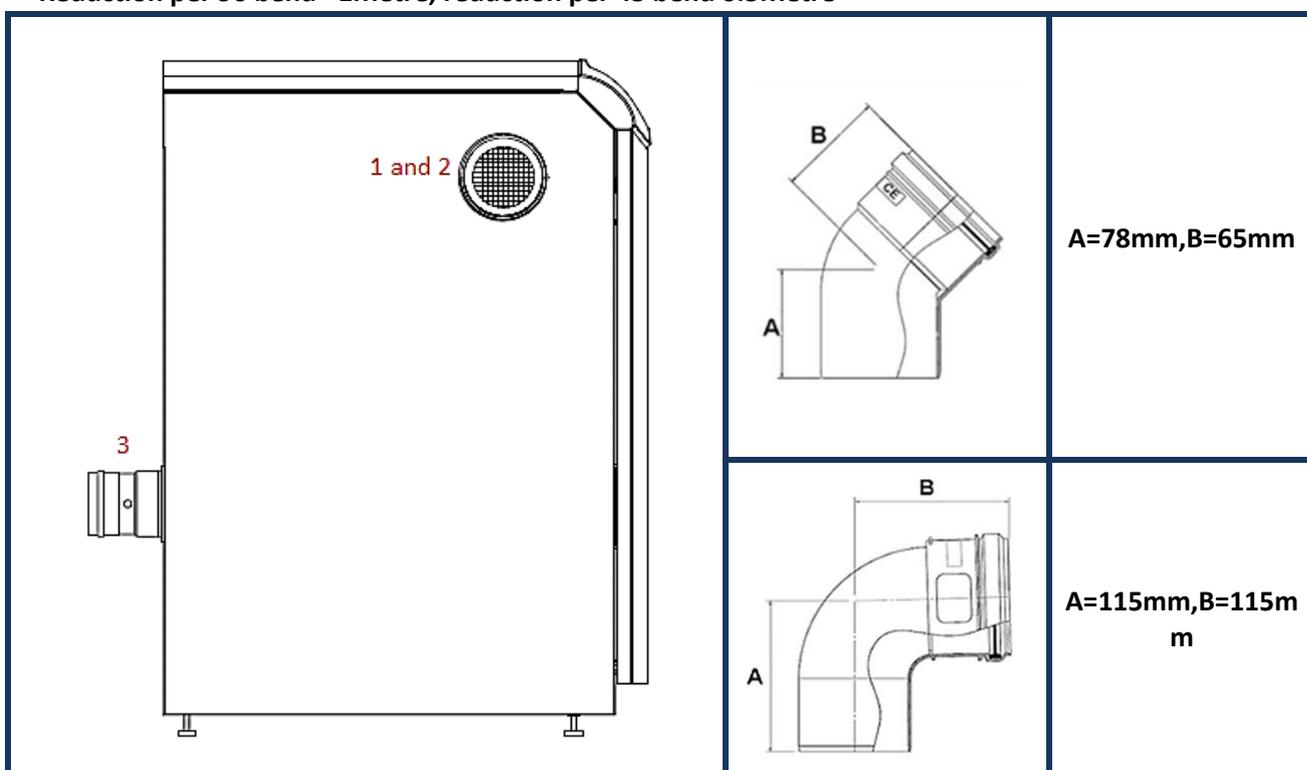
MODELS HCB86CE,HCB116CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M75257B	AIR INLET TRANSITION Ø100mm ALU	1	1
M86787B	APPLIANCE AIR INLET GUARD Ø100mm	2	1
M85189B	SAMPLING POINT Ø100mm PP	3	1

Maximum equivalent flue length =60 Metres

Reduction per 90 bend =1Metre, reduction per 45 bend 0.5Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
LV310754B	CONCENTRIC VERTICAL TERMINAL Ø100/150mm PP	1735mm total
LV310758B	CONCENTRIC HORIZONTAL TERMINAL Ø100/150mm PP	600mm total
M85176B	EXTENSION Ø100mm PP CUT TO LENGTH	500mm
M85177B	EXTENSION Ø100mm PP CUT TO LENGTH	1000mm
M85181B	BEND 90° 100mm PP	See drawing above
M85182B	BEND 45° 100mm PP	See drawing above
M87193B	WALL CLAMP (100mm)	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBCF003

FAN ASSISTED OPEN FLUE STARTER ASSEMBLY

Kit contains components to start the connection to the appliance only

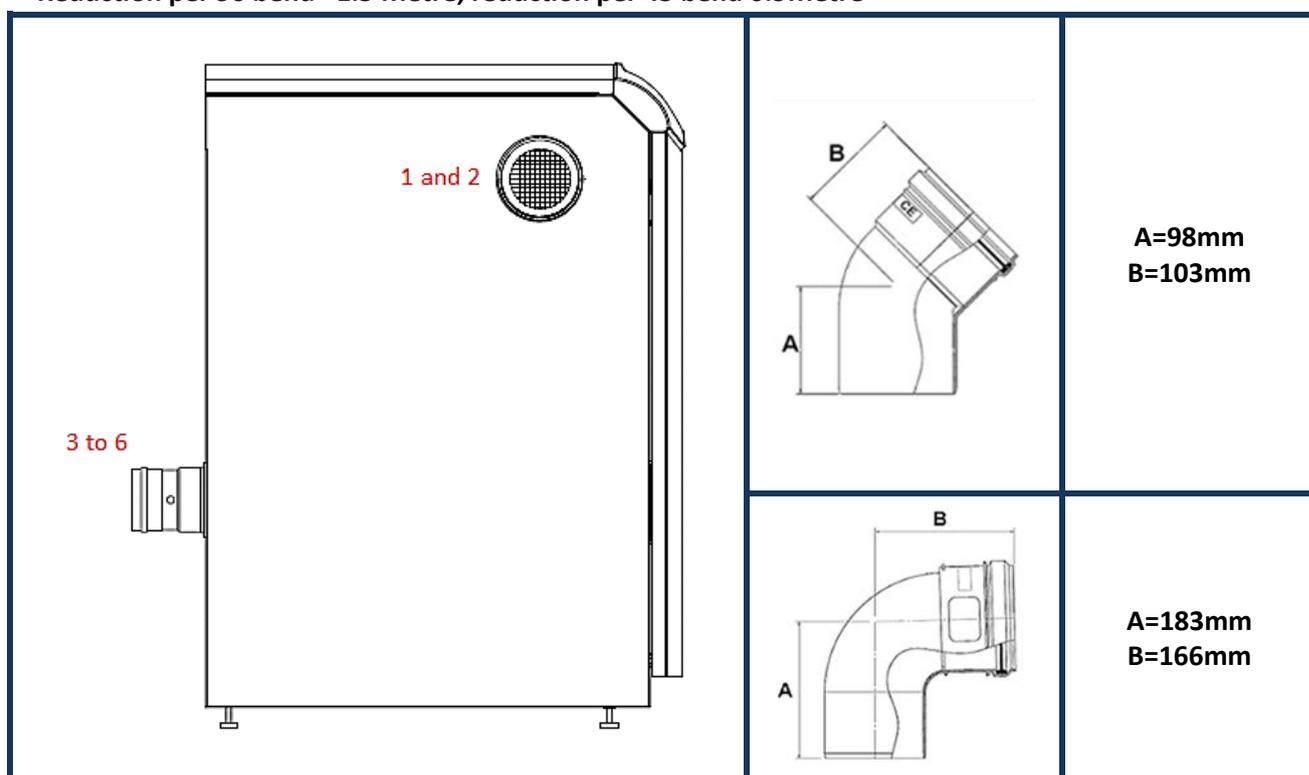
MODELS HCB146CE,HCB176CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M75257B	AIR INLET TRANSITION \varnothing 100mm ALU	1	1
M86787B	APPLIANCE AIR INLET GUARD \varnothing 100mm	2	1
M85181B	BEND 90° 100mm PP	3	1
M85126B	EXPANDER \varnothing 100mm - \varnothing 130mm PP	4	1
M70262B	EXPANDER \varnothing 130mm - \varnothing 150mm	5	1
M70326B	SAMPLING POINT \varnothing 150mm PP	6	1

Maximum equivalent flue length =60 Metres

Reduction per 90 bend =1.5 Metre, reduction per 45 bend 0.9Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
M70359B	VERTICAL TERMINAL - \varnothing 150mm PP	1575mm total
LV310694B	EXTENSION \varnothing 150mm(1000mm) PP CUT TO LENGTH	1000mm
LV310695B	EXTENSION \varnothing 150mm(2000mm) PP CUT TO LENGTH	2000mm
LV310664B	BEND 45° \varnothing 150mm PP	See drawing above
LV310665B	BEND 90° \varnothing 150mm PP	See drawing above
LV310674B	CONDENSATE DRAIN AND TRAP \varnothing 150mm	n/a
M87196B	WALL CLAMP \varnothing 150mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBCF004

FAN ASSISTED OPEN FLUE STARTER ASSEMBLY

Kit contains components to start the connection to the appliance only

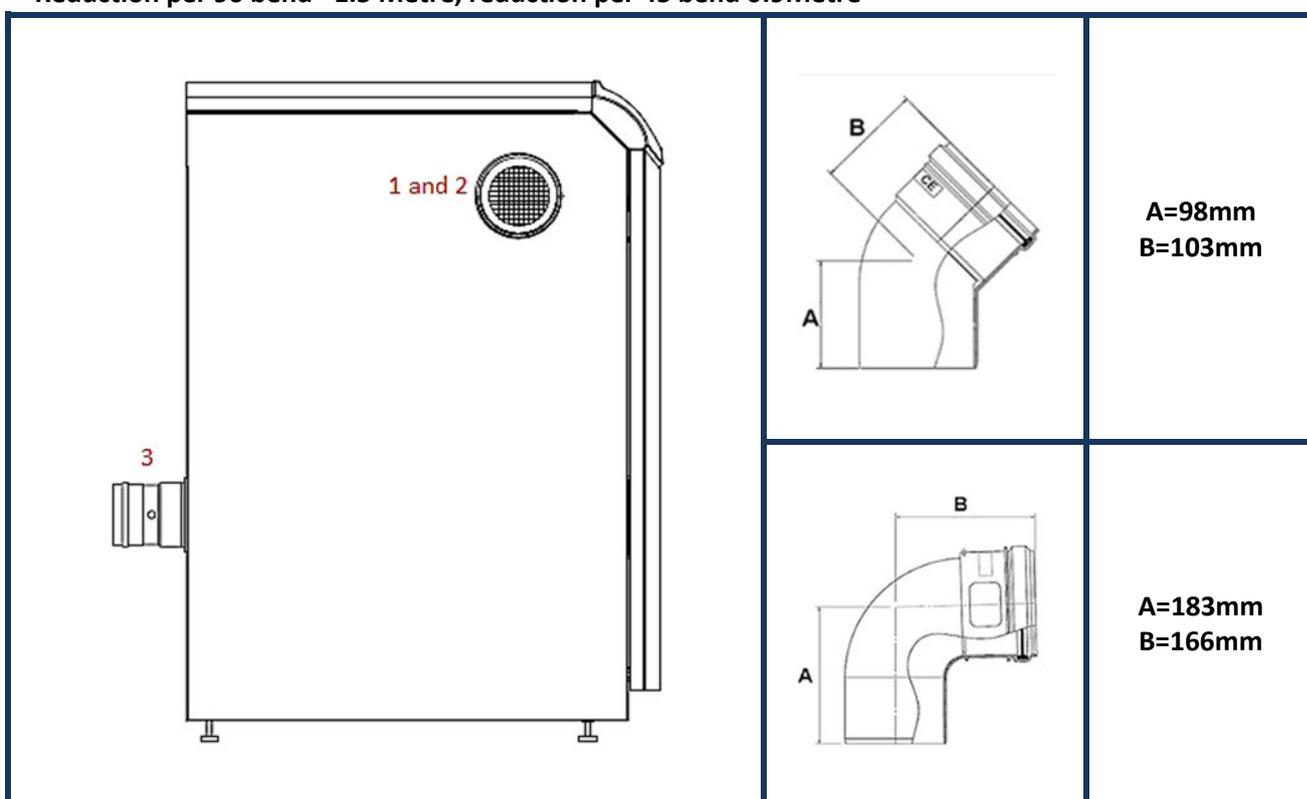
MODELS HCB206CE, HCB236CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M75257B	AIR INLET TRANSITION Ø100mm ALU	1	1
M86787B	APPLIANCE AIR INLET GUARD Ø100mm	2	1
M70326B	SAMPLING POINT Ø150mm PP	3	1

Maximum equivalent flue length =60 Metres

Reduction per 90 bend =1.5 Metre, reduction per 45 bend 0.9Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
M70359B	VERTICAL TERMINAL - Ø150mm PP	1575mm total
LV310674B	CONDENSATE DRAIN AND TRAP Ø150mm	n/a
LV310695B	EXTENSION Ø150mm(2000mm) PP CUT TO LENGTH	2000mm
LV310694B	EXTENSION Ø150mm(1000mm) PP CUT TO LENGTH	1000mm
LV310664B	BEND 45° Ø150mm PP	See drawing above
LV310665B	BEND 90° Ø150mm PP	See drawing above
M87196B	WALL CLAMP Ø150mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBTF001

TWIN-PIPE FLUE STARTER ASSEMBLY

Kit contains components to start the connection to the appliance only

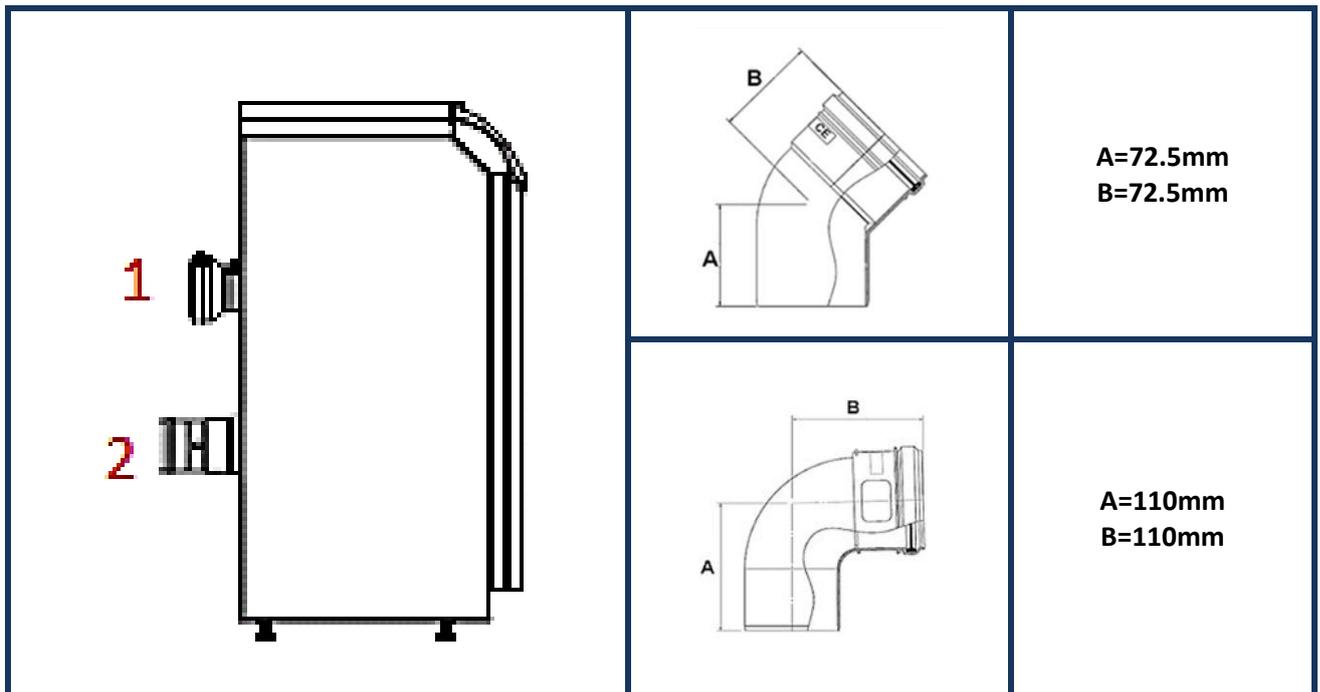
MODELS HCB46CE,HCB61CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M75256B	AIR INLET TRANSITION Ø80mm ALU	1	1
M85279B	SAMPLING POINT Ø80mm PP	2	1

Maximum equivalent flue length =60 Metres (TOTAL AIR INLET AND FLUE OUTLET)

Reduction per 90 bend =1 Metre, reduction per 45 bend 0.5Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
VERTICAL FLUE		
M86864B	CONCENTRIC VERTICAL TERMINAL Ø80/125mm PP	1354mm total
HORIZONTAL FLUE		
M86934B	CONCENTRIC HORIZONTAL TERMINAL Ø80/125mm PP (NO WALL PLATES)	765mm total
M28925B	TERMINAL WALL PLATES (PAIR)	n/a
OTHER FLUE COMPONENTS		
LV310718B	EXTENSION - Ø80mm PP CUT TO LENGTH	250mm
M85271B	EXTENSION Ø80mm PP CUT TO LENGTH	500mm
M85272B	EXTENSION Ø80mm PP CUT TO LENGTH	1000mm
LV310721B	EXTENSION - Ø80mm PP CUT TO LENGTH	2000mm
LV310722B	EXTENSION - Ø80mm PP TELESCOPIC	240-360mm
M85292B	BEND 45° 80mm PP	See drawing above
M85291B	BEND 90° 80mm PP	See drawing above
M87191B	WALL CLAMP Ø80mm	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

Item No HBTf002

TWIN-PIPE FLUE STARTER ASSEMBLY

Kit contains components to start the connection to the appliance only

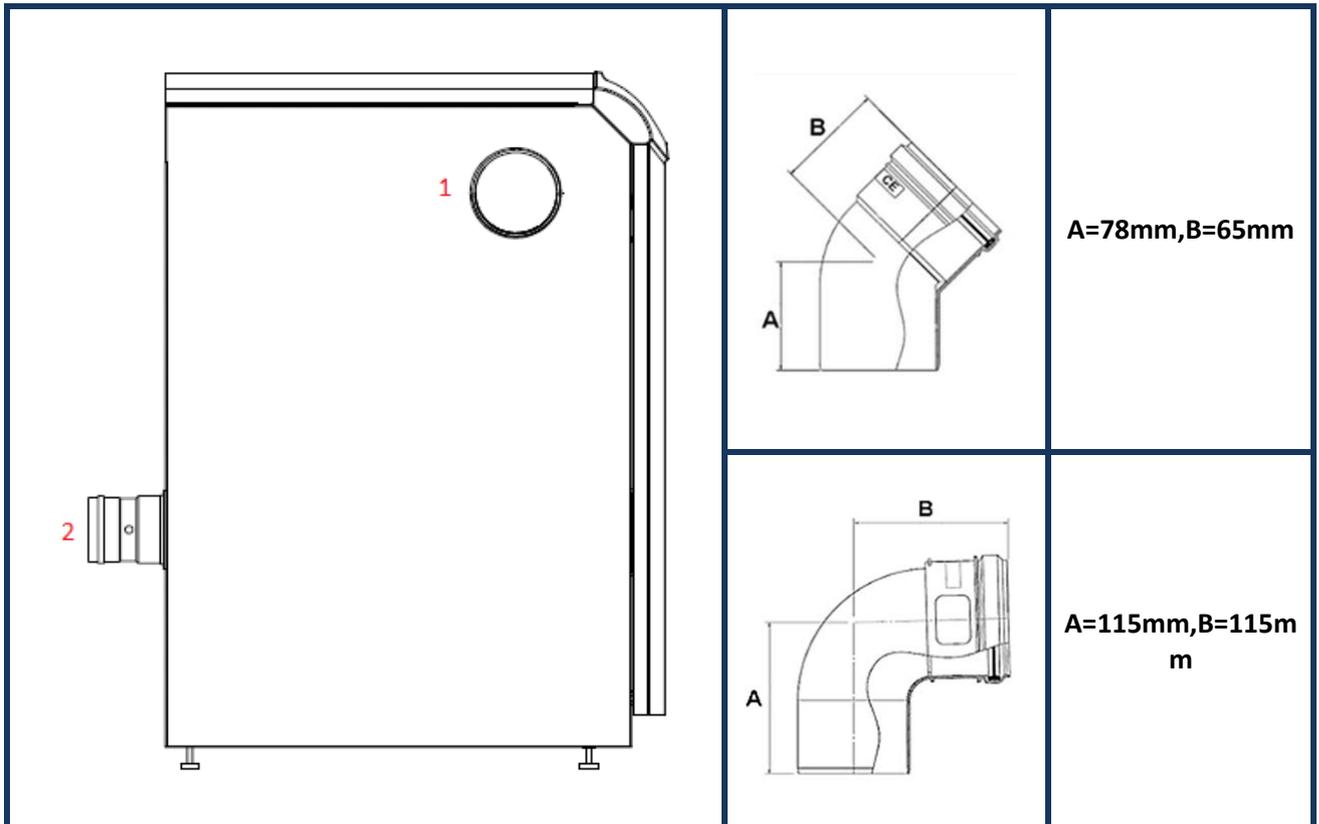
MODELS HCB86CE,HCB116CE

COMPONENTS INCLUDED

Item No.	Description	Number	Quantity
M75257B	AIR INLET TRANSITION Ø100mm ALU	1	1
M85189B	SAMPLING POINT Ø100mm PP	2	1

Maximum equivalent flue length =60 Metres (TOTAL AIR INLET AND FLUE OUTLET)

Reduction per 90 bend =1.5 Metre, reduction per 45 bend 0.9Metre



Additional Flue Ancillary Items

Item No.	Description	Dimensions
VERTICAL FLUE		
LV310754B	CONCENTRIC VERTICAL TERMINAL Ø100/150mm PP	1735mm total
HORIZONTAL FLUE		
LV310758B	CONCENTRIC HORIZONTAL TERMINAL Ø100/150mm PP	765mm total
OTHER FLUE COMPONENTS		
LV305039	HORIZONTAL AIR INLET Ø100mm ALU	500mm
M85176B	EXTENSION Ø100mm PP CUT TO LENGTH	500mm
M85177B	EXTENSION Ø100mm PP CUT TO LENGTH	1000mm
M85181B	BEND 90° 100mm PP	See drawing above
M85182B	BEND 45° 100mm PP	See drawing above
M87193B	WALL BAND (100mm)	n/a

For further information, see Installation manual available at www.lochinvar.ltd.uk

TWIN-PIPE FLUE STARTER ASSEMBLY

MODELS HCB146CE,HCB176CE

The concentric flue assembly for models HCB146CE and HCB176CE consists of a twin-pipe flue system with a concentric terminal- this system should be used if a twin-pipe assembly is required for these models.
See 9 and 5

TWIN-PIPE FLUE STARTER ASSEMBLY

MODELS HCB206CE,HCB236CE

The concentric flue assembly for models HCB206CE and HCB236CE consists of a twin-pipe flue system with a concentric terminal- this system should be used if a twin-pipe assembly is required for these models.
See 10 and 6



IMPORTANT INFORMATION

These instructions must be read and understood before installing, commissioning, operating or maintaining the equipment.

