

Greenstar combi boiler range horizontal fluing options

The Greenstar combi boiler ranges have the choice of 2 differently sized horizontal RSF flue systems, a 100mm diameter telescopic flue kit including a plume management kit and a 125mm diameter kit. Both systems have different maximum lengths. Options 1 to 6 detail the permissible lengths.

Horizontal RS flue		
Flue diameter	Minimum flue length	Maximum flue length
100mm	350mm*	2500mm
125mm	450mm*	3500mm
Greenstar 125mm diameter telescopic flue kit		
Flue diameter	Minimum flue length	Maximum flue length
100mm	350mm*	2500mm
125mm	450mm*	3500mm

*Can be cut to 150mm. Please refer to instructions.

100mm dia. standard telescopic flue kit

Compliments:

- 1 x flue turret elbow
- 570mm (100mm dia.) of flue duct
- 1 x weather sealing ring
- 1 x internal collar
- Part No. 7 716 191 082

125mm dia. standard flue kit

- 1 x flue turret elbow
- 1,030mm (125mm dia.) of flue duct including terminal (as measured from centre of flue outlet)
- 1 x weather sealing plate
- 1 x internal plate
- Part No. 7 719 002 350

Accessories

Compliments	Part No.	Description
100mm dia. standard telescopic flue kit	7 716 191 082	100mm dia. standard telescopic flue kit
100mm dia. extension flue kit	7 716 191 083	100mm dia. extension flue kit
100mm dia. short flue extension	7 716 191 133	100mm dia. short flue extension
100mm dia. 90° bend	7 716 191 084	100mm dia. 90° bend
100mm dia. 45° bend	7 716 191 085	100mm dia. 45° bend
100mm dia. high level	7 719 002 432	100mm dia. high level
100mm dia. horizontal adaptor	7 719 002 433	100mm dia. horizontal adaptor
100mm dia. export bracket kit	7 716 191 082	100mm dia. export bracket kit
125mm dia. standard flue kit	7 719 002 350	125mm dia. standard flue kit
125mm dia. extension flue kit	7 719 002 432	125mm dia. extension flue kit
125mm dia. 90° bend	7 719 001 891	125mm dia. 90° bend
125mm dia. 45° bend	7 719 001 892	125mm dia. 45° bend
125mm dia. high level	7 719 002 433	125mm dia. high level
125mm dia. horizontal adaptor	7 719 002 434	125mm dia. horizontal adaptor

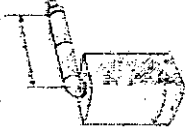
Dimensions when fitted

The following criteria should be noted when planning the installation.

- The concentric flue system must be inclined at 3° (50mm per metre) from the appliance, to allow condensate to drain back into the boiler.
- Because the appliance operates at high efficiency a white plume of condensation will be emitted from the terminal. Care must be taken when selecting the flue terminal position.

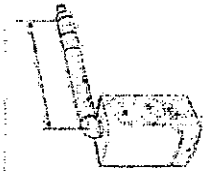
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Option 1 Standard horizontal flue assembly



Flue diameter	Minimum flue length	Maximum flue length
100mm	570	2500
125mm	1,030	3500

Option 2 Extension flue horizontal



Flue diameter	Minimum flue length	Maximum flue length
100mm	4,600	up to 5
125mm	19,000	up to 12

Option 3 Extension flue horizontal using a second 90° bend



Flue diameter	Minimum flue length	Maximum flue length
100mm	2,600	up to 3
125mm	11,000	up to 10

Note: The short flue extension (100mm dia.) may be used as an alternative to the standard extension as required up to the maximum flue lengths stated (7 716 191 133).

Note: The maximum flue length must be reduced by the following amounts for each bend used.

45° band	1m	r	0.75m	1m
90° band	2m	2m	1.5m	2m
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