RHGC

-    Concentric mechanical draught system for gas fireplaces
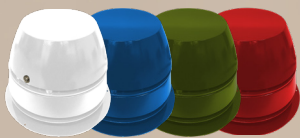
Your energy. **Optimized.**

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Option A:
RHGC concentric fan mounted on roof at the end of flue run

5G 1.5 cable

Reduction Piece

Option B:
RHGC concentric fan mounted on external wall at the end of flue run

Fireplace Max. Output: 13 Kw

Gas control box

EFC21

5G 1.5 cable
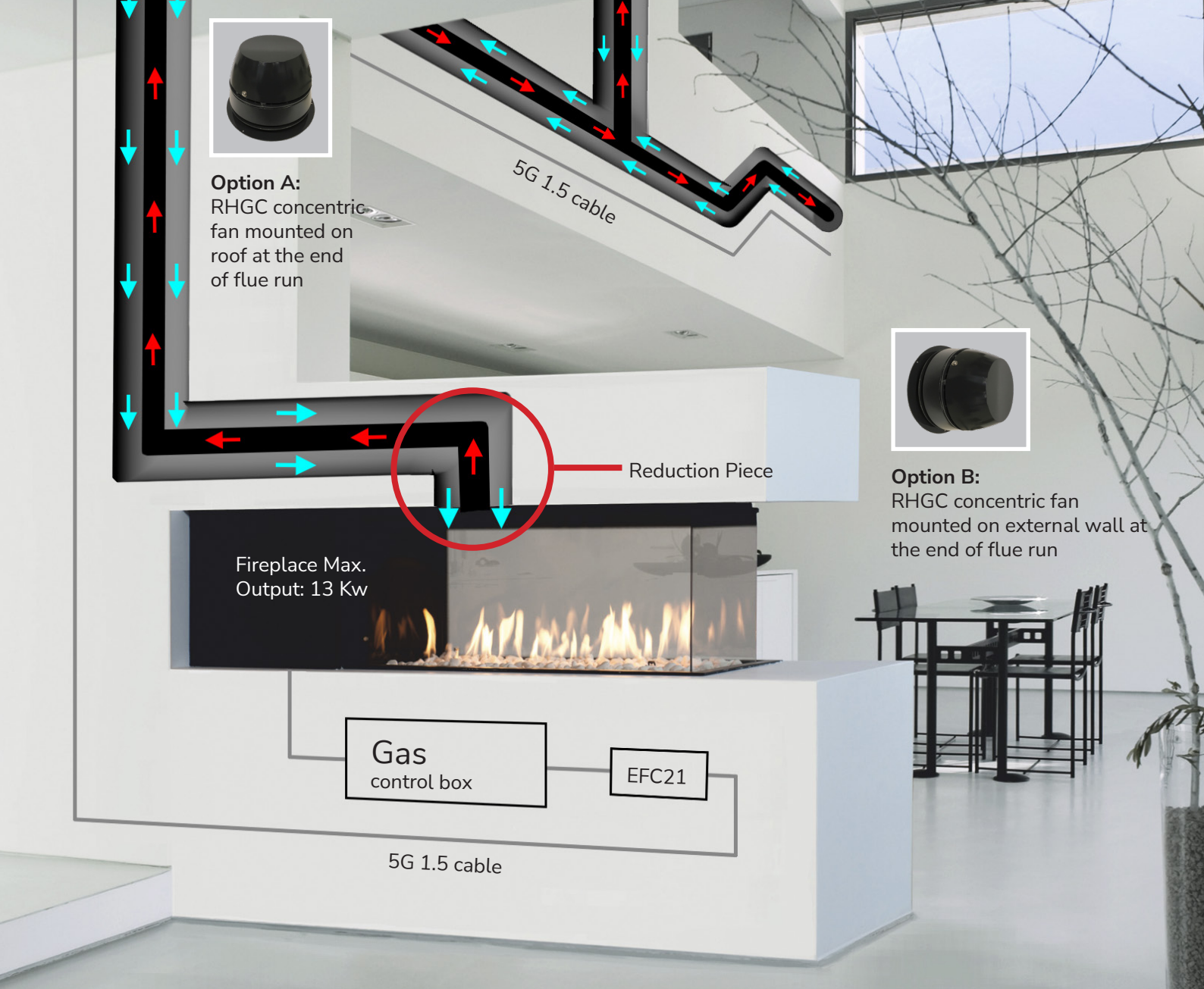
Concentric fan type RHGC

Available in all RAL colours

Maintenance-free

Easy to install

2 Year Warranty

Freedom of design
Vertical and horizontal flue runs with multiple elbows. Max. flue length 60 metres. Up to 15 pcs 90° elbows.

Better combustion
Optimal draught to fireplace in all weather conditions. Max. output of fireplace is 13 kW.

Smaller flue diameter
Inner/outer flue diameter reduced from 130/200 to 80/125 mm, making the flue easier to hide and saving you money.

Increased safety
Constant monitoring of flow and automatic shutdown. Approved according to Gas Appliance Directive.

Attractive design
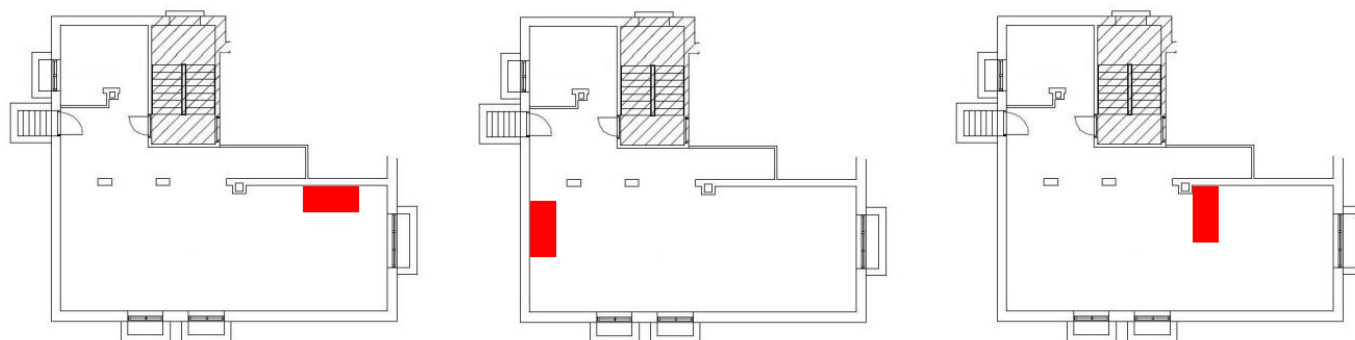RHGC fan has a compact form factor and a sleek design. Pick your colour.

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More options for fireplace placement

With the availability of both vertical and horizontal flue runs with multiple bends, the placement of your fireplace is no longer limited by the location of your chimney.
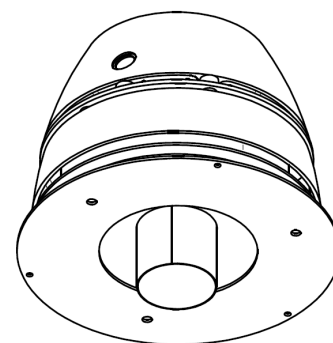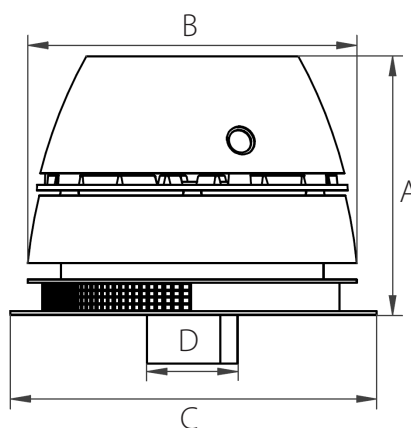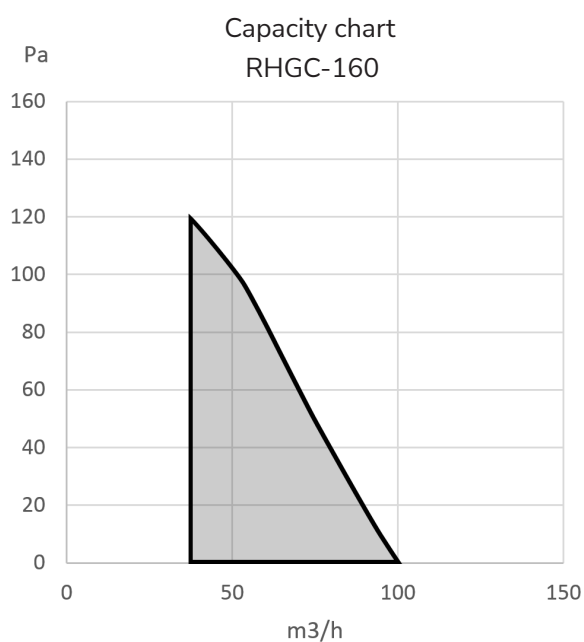
Fireplace

Dimensions

A [mm]	227.5
B [mm]	290
C [mm]	323
D [mm]	80
Weight [kg]	10

Technical Data

Capacity chart
RHGC-160

Pa

m3/h

The capacity chart is measured at a flue gas temperature of 20 °C. The fan capacity changes with temperature.

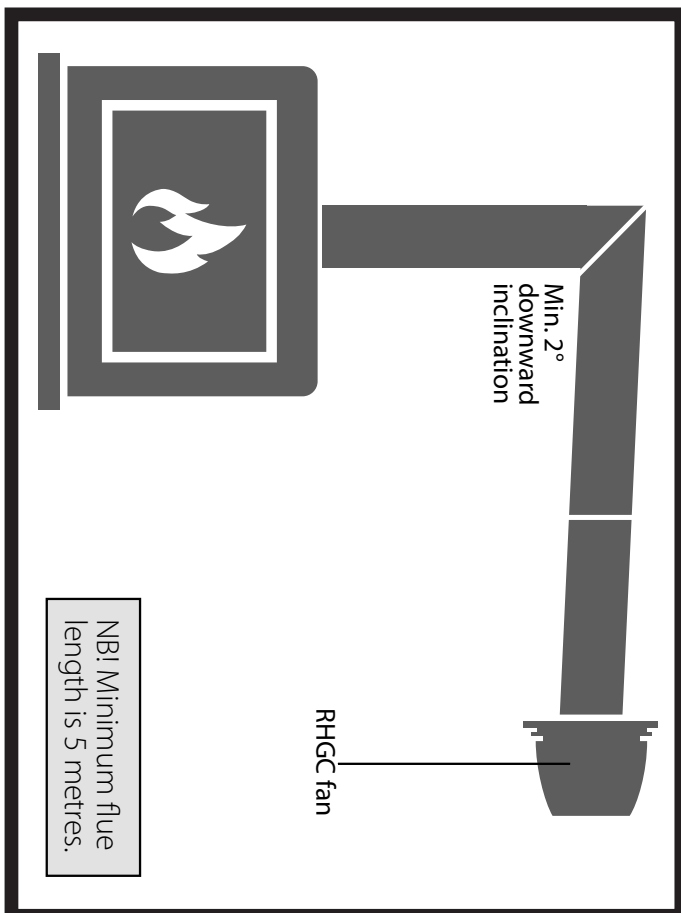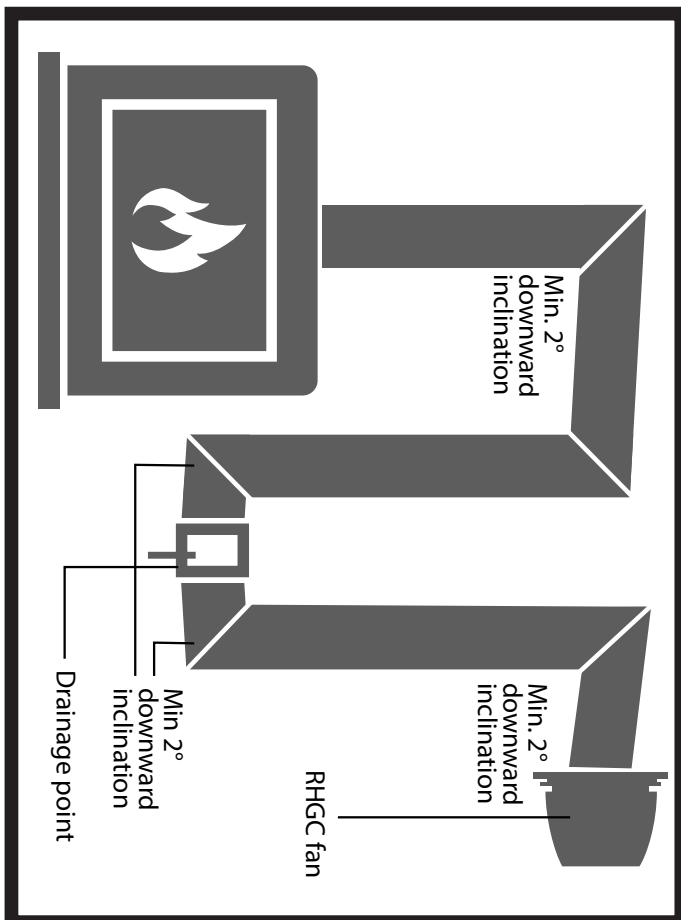| RPM	1400
Power supply [V]	1x230
Power consumption [kW]	0.09 *
Amp	0.4
Max. output of fireplace [kW]	13
Max. / min. flue length [m]	60 / 5
Inner / outer flue diameter [mm]	80 / 125
Max. number of flue elbows	15
Mounting position	Wall or roof
Fan control	EFC21

EFC21 control

* Effect at the motor shaft at ambient temperature 20 °C

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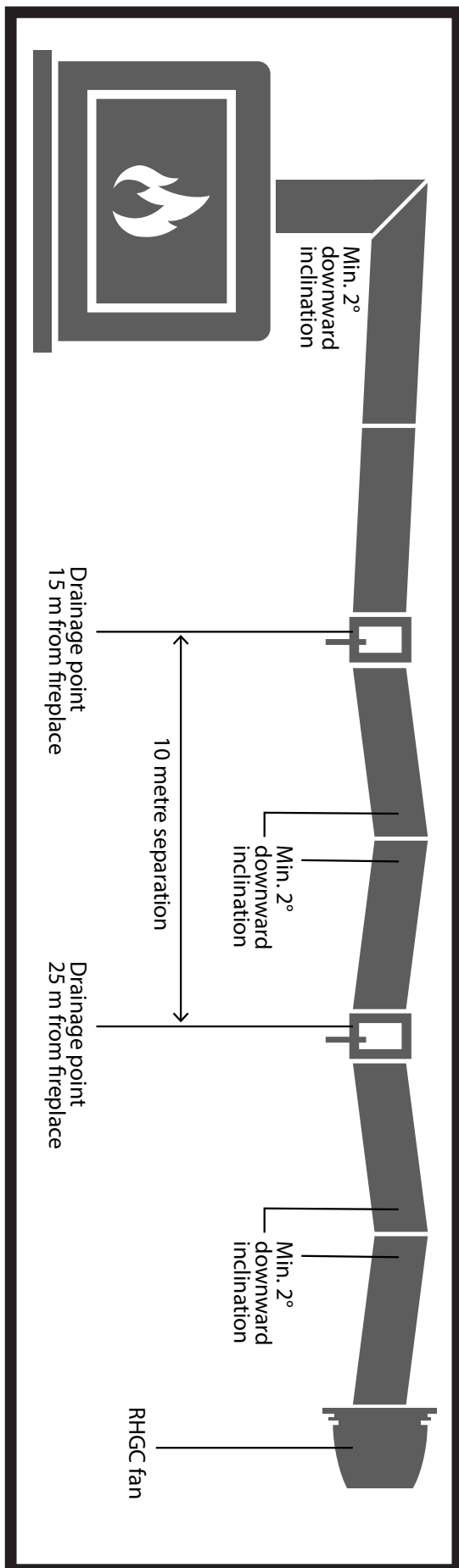If the total flue length exceeds 15 metres, drainage points should be placed every 10 metre.

Horizontal flue sections should have a 2° (minimum) downward inclication towards the end of the flue or towards a drainage point.

Min. 2° downward inclination

Drainage point 15 m from fireplace

10 metre separation

Min. 2° downward inclination

Drainage point 25 m from fireplace

Min. 2° downward inclination

RHGC fan

Min. 2° downward inclination

RHGC fan

NB! Minimum flue length is 5 metres.

If the flue runs down and up, drainage point should be positioned at the lowest point.

Min. 2° downward inclination

Drainage point

Min 2° downward inclination

Min. 2° downward inclination

RHGC fan

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PDF 90°

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