

Installation Instructions

BOC5000W20

Condens 5000W External boiler casing



BOSCH

Installation and maintenance instructions



Please read the installation instructions before installing the appliance!
Please read the operating instructions before commissioning the appliance!



Please observe the safety instructions in the operating instructions!
The installation location must meet the manufacture's requirements!



Installation must only be carried out by an authorised person!

Introduction

The Bosch External Boiler Casing has been especially designed to be used only with the models listed below when installed in a external location as defined in AS5601.

Manufactured in high quality Colorbond steel (Windspray color) to provide protection against challenging weather conditions.

Condens 5000W Capacities	Bosch Part Number	Model Numbers
18 kW heating boiler, NG model	7716130186	ZSB18 2A23 S2414
18 kW heating boiler, LPG model	7716130187	ZSB18 2A31 S2414
30 kW heating boiler, NG model	7738100005	ZSB30 2A23 S2414
30 kW heating boiler, LPG model	7738100006	ZSB30 2A31 S2414
37 kW heating and hot water boiler, NG model	7738100003	ZSB37 2A23 S2414
37 kW heating and hot water boiler, LPG model	7738100004	ZSB37 2A31 S2414

When installing any of the above Condens 5000W model boiler in the external casing the horizontal flue terminal (7716191082) must be used. The installation instructions supplied with the flue terminal must be followed to ensure the correct fitting of the flue terminal to the front cover of the external casing. All models will require the flue to be adjusted to correctly fit the external casing.



DANGER:

This external boiler casing must not be installed indoors or in an enclosed space in accordance with AS/NZS5601.

Regulations

All local by-laws and regulations pertaining to installation and use of gas appliances must be observed. This appliance must be installed in accordance with the manufacturers installation instructions, AS/NZS5601, AS/ NZS3500, and all Local Building & Gas fitting regulations. This External casing must not be installed indoors or in an enclosed space. This External Boiler Casing is approved for outdoor installation only. Do not install this External Boiler Casing with any modification or alteration. Failure to install this appliance in accordance with these installation instructions will void the warranty and may create an unsafe situation.

Installation

To be installed and serviced only by an authorised person

The “authorised installing person” is responsible for:

- Correct installation and commissioning of this appliance.
- Ensuring the appliance performs to the specifications stated on the rating label.
- Demonstrating the operation of the appliance to the customer before leaving.
- Handing the operating instructions to the customer.

**IMPORTANT:**

Installation of external boiler box casing back plate must be made before the boiler itself is hung on the wall.

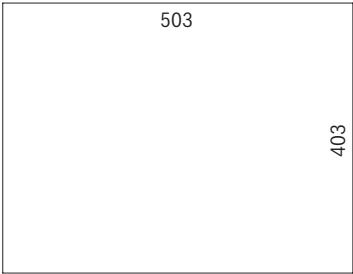
Once the external casing has been installed follow the boiler installation instructions before completing the external sides and top / front of the casing. Including the commissioning.

Follow the instructions for flue terminal installation and ensure the flue is cut to the correct size to fit the box, and the flue sealing rubber is correctly fitted.

List of components

Description	Quantity
Top Panel	1
Bottom Panel	1
Side Panel	2
Back Panel	1
Front Panel	1
Front Access Panel	1
Philips Head Screws	14
Wing Nut	2

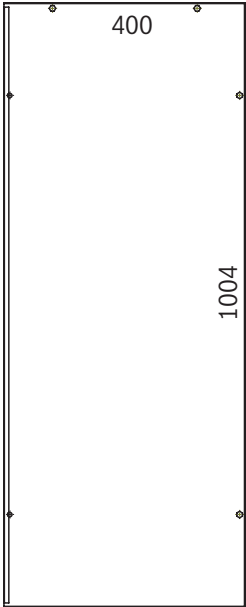
Please note, all measurements are in mm.



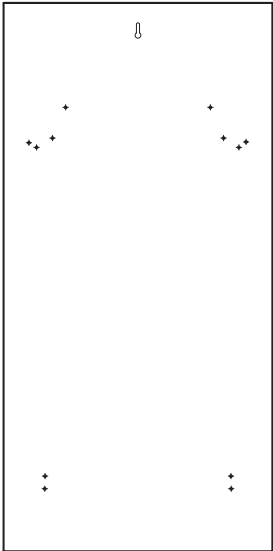
Top Panel



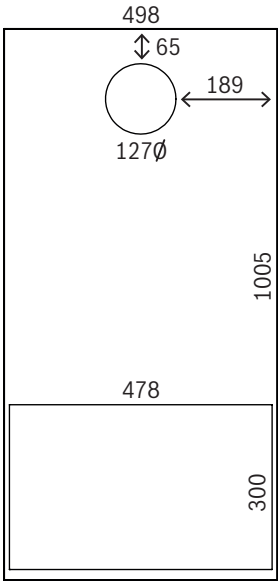
Bottom panel



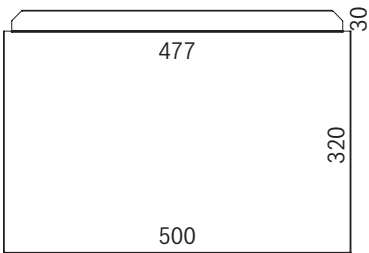
Side Panels x 2 (Left & Right)



Back panel



Front Panel



Front Access Panel

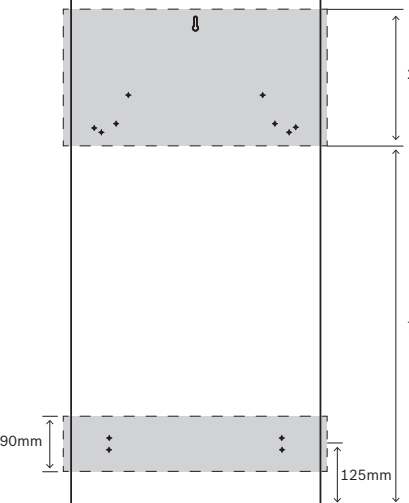
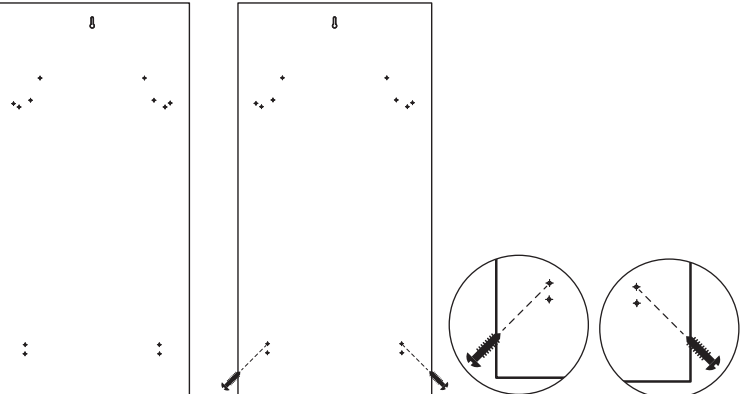
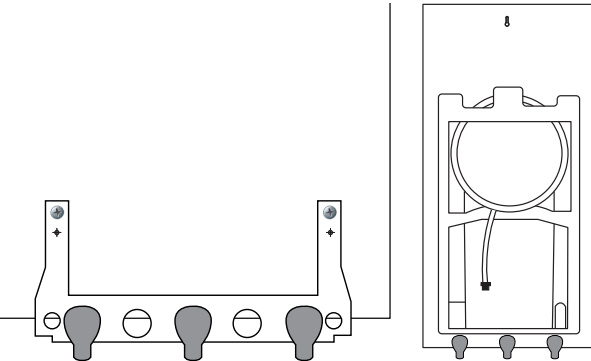
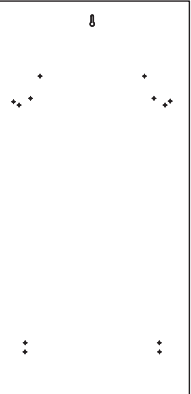


Philips Head Screws x 14

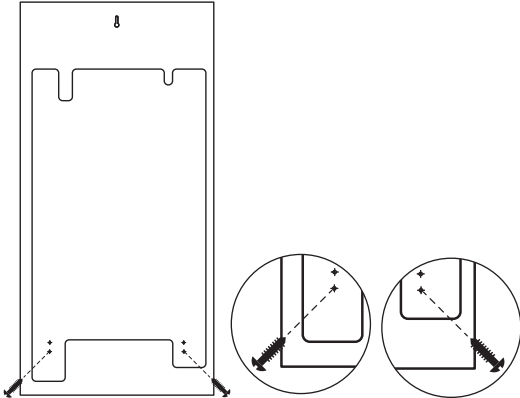
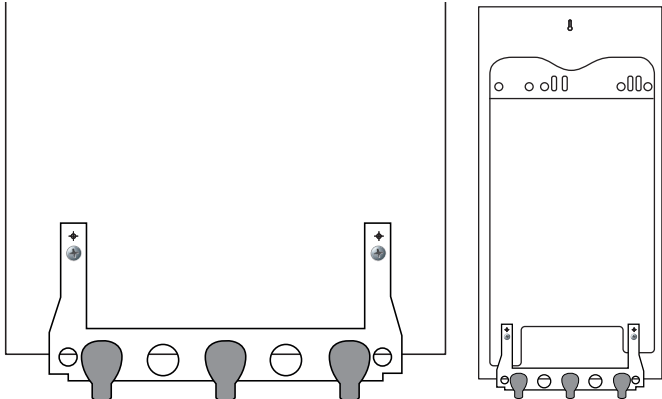
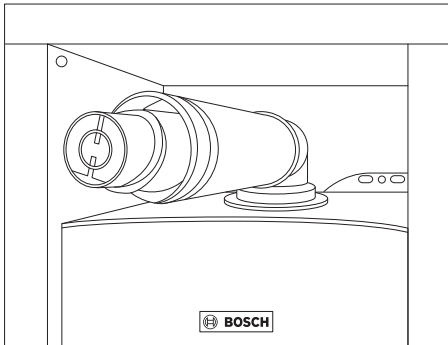


Thumb Screws x 2

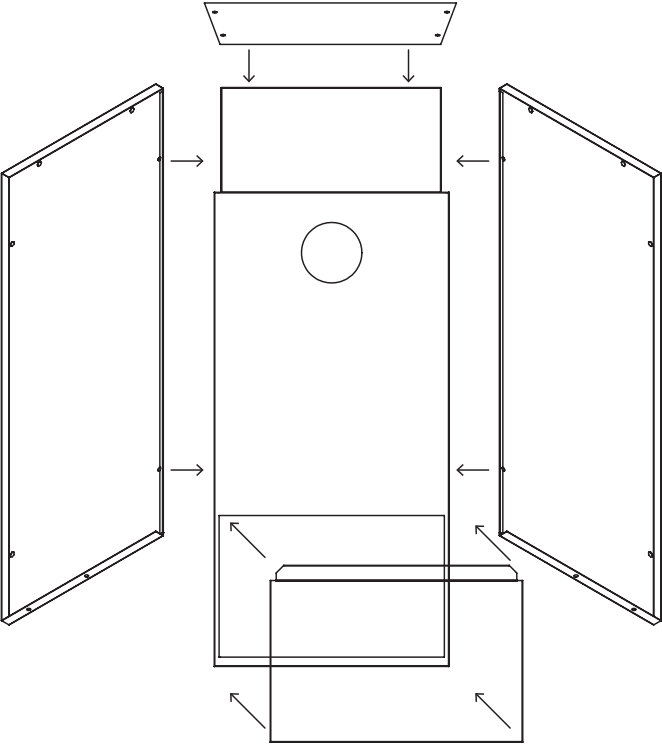
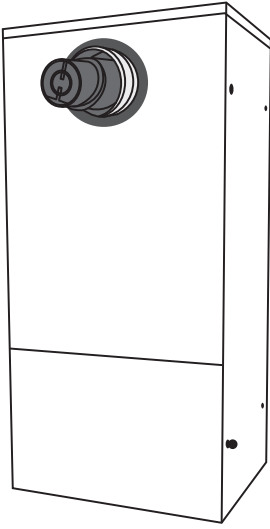
Step by step instructions

1	<p>Locate fixing noggins behind the backing plate indicated by the shaded area.</p> <p>The backing plate must be installed onto a fixed, rigid surface at least the same size as the boiler and capable of supporting the boiler weight.</p>		18 kW Only
2	<p>Mount the cover back plate on the wall and locate with the keyhole.</p> <p>Ensuring the back plate to sitting squarely on the wall and screw the manifold bracket screws into the holes located second from the bottom.</p> <p>Don't screw the screws in fully.</p>		18 kW Only
3	<p>Align the boiler manifold with the screws and locate into the key holes so that the boiler can sit securely.</p>		18 kW Only
4	<p>Mount the back plate on the wall and locate with the keyhole.</p>		30 kW 37 kW Only

Step by step instructions

5	<p>Locate the boiler metal jig that is supplied with the boiler with the two bottom screw holes on the cover back plate</p>		30 kW 37 kW Only
6	<p>Screw in bottom two screws loosely, and hang the boiler manifold from these points.</p> <p>Once boiler manifold is hung, secure the screws.</p> <p>Then affix the boiler mounting bracket to the top of the metal jig and fasten to wall.</p>		30 kW 37 kW Only
7	<p>Once the boiler manifold has been installed follow the boiler instruction to complete the boiler installation and the flue installation ensuring the flue is cut to the correct length.</p>		

Step by step instructions

<p>8</p> <p>Once the boiler and flue terminal are installed and the boiler commissioned.</p> <p>Ensure screw holes are located at the bottom of the side wall of the boiler case.</p>		<p>All Models</p>
<p>9</p> <p>Attached front flap to boiler casing for waterproofing and easy access to the boiler control panel.</p>		<p>All Models</p>

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