



BOSCH

Hot Water & Heating

Bosch Thermotechnology Australia Residential Heating Appliances and Accessories Brochure

June 2021

www.bosch-climate.com.au

PH: 1300 30 70 37



Contents

Why choose Bosch	04
Bosch Hydronic Heating	05
▶ Hydronic Heating Boilers	06
▶ Boiler Technical Specifications	07
Hydronic Heating Accessories	08
▶ Condens 5000W Condensing Boiler Accessories	09
▶ Outdoor Installation Components	09
▶ Diverter Valve Kits for Heating Domestic Hot Water Tanks	09
▶ Service and Cleaning Kits	09
▶ Water Treatment	10
▶ Condens 5000W Flue Components	11
▶ Flue Components 60/100mm	11
▶ Flue components 80/125mm	12
▶ Plume management 60/100mm	12
▶ Controls	13
▶ Condens 5000W Controls	13
▶ Gaz 6000W Controls	14
Contact Us – Quick Guide	16

Why choose Bosch

Bosch in every detail. Simply revolutionary hydronic heating solutions.

The Bosch Group has been setting trends in hydronic heating for more than 100 years and is a brand you can trust. Quality comes from experience and we strive to make the best even better. Our wall-hung gas residential heating boilers are the market leaders in both the UK as Worcester Bosch, and Germany which is evidence of the high quality standards we achieve.*

Every detail of every appliance has been carefully designed, produced and tested by our engineers to fully satisfy the highest standards in quality, performance and convenience. The result is cutting edge technology, efficiency and comfort.



Bosch Quality

Our years of experience in hydronic heating boilers paired with the latest German engineering allows us to design and manufacture the highest quality products without compromise to deliver perfect results.



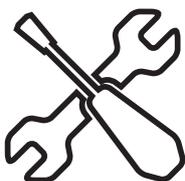
Reliability Guaranteed

Before our appliances leave our factory, we test every tiny detail and subject them to extensive stress tests. Only when every one of the components meets our high standards of function, quality and reliability 100%, is a Bosch hydronic heating boiler ready to face its most important challenge: being used at home.



Quality Local Support

Present in Australia for over 100 years, Robert Bosch Australia guarantee product and spare parts piece of mind while our local expert team provide second to none service support. Bosch is the only residential heating boiler manufacturer committed to an own subsidiary in Australia.



Lifetime service. It goes without saying at Bosch

Once your warranty period is over, we are still here to assist you. You can rely on expert care and first rate service through the lifetime of your appliance. From missing instruction manuals to appliance repair, we take care of everything.

*Source: BRG 2019 Data

Bosch Hydronic Heating

The experts in Hydronic Heating Boilers

As the inventors of energy-saving condensing technology, Bosch have a history of innovation and success in hydronic heating. Our boilers have been used for over 100 years throughout the world and provide superior quality and durability.

Bosch produce over 1.5 million boilers every year and our environmentally friendly gas condensing boilers increase system efficiency and lower gas bills, saving money.

German engineered Bosch boilers are the perfect heating system for people with asthma and allergies. Our systems provide clean, radiant warmth, and are the only hydronic heating system approved by the National Asthma Council's Sensitive Choice program.



The Bosch Hydronic Heating Boiler Range Advantage

- ▶ Sensitive Choice Approved – ideal for people with asthma and allergies
- ▶ Energy efficient condensing models reduce running costs
- ▶ Wall-mounted, compact space saving design
- ▶ External⁺ and internal^{*} installation possible for Condens 5000W models
- ▶ Gaz 6000W standard efficiency model has been designed specifically for simple and quick outdoor installation
- ▶ Quiet operation
- ▶ Condens 5000W 37kW combi boiler combines heating and continuous flow domestic hot water at 21L/min delivery^{**}

⁺ Condens 5000W boilers ordered as Outdoor are provided with an Outdoor Installation Kit.

^{*} Internal installations require Bosch hydronic heating flue components.

^{**} Calculated at 25°C temperature rise

Hydronic Heating Boilers

Technical Specifications



Bosch Condens 5000W	18kW	30kW	37kW
Made in	England	Germany	Germany
Installation	Internal (requires flueing components) or External (provided with outdoor casing and horizontal telescopic flue terminal)		
Ignition	Electronic		
Gas Type	NG/LPG		
Nominal Gas Consumption – Central Heating (CH)	75 MJ/h	130 MJ/h	
Nominal Gas Consumption – Domestic Hot Water (DHW)	N/A		160 MJ/h
DHW L/min @ 25°C temperature rise	N/A		21L
Efficiency at 50/30° (Flow/Return)	103% / 93%		
Dimensions HxWxD (mm) Boiler	700 x 400 x 330	750 x 440 x 360	
Dimensions HxWxD (mm) Outdoor Casing	1004 x 498 x 400		
Warranty – domestic use	2 years parts and labour, 5 years heat exchanger part only.		



Bosch Gaz 6000W	30kW
Made in	PRC
Installation	External
Ignition	Electronic
Gas Type	NG/LPG
Nominal Gas Consumption – Central Heating (CH)	132.8 MJ/h
Efficiency at 53/47°C (Flow/Return)	88.5%
Dimensions HxWxD (mm)	898 x 440 x 315
Warranty – domestic use	1 year parts and labour, 5 years heat exchanger part only

	Product Range	Part Number	Description
	Condens 5000W Indoor	7716130186	18kW condensing system boiler NG
		7716130187	18kW condensing system boiler LPG
		7738100005	30kW condensing system boiler NG
		7738100006	30kW condensing system boiler LPG
		7738100003	30kW heating and 37kW domestic continuous flow hot water condensing combination boiler NG
		7738100004	30kW heating and 37kW domestic continuous flow hot water condensing combination boiler LPG
	Condens 5000W with Outdoor Installation Kit	8736201300	Includes 18kW condensing system boiler NG, outdoor installation casing and horizontal flue
		8736201301	Includes 18kW condensing system boiler LPG, outdoor installation casing and horizontal flue
		8736201310	Includes 30kW condensing system boiler NG, outdoor installation casing and horizontal flue
		8736201311	Includes 30kW condensing system boiler LPG, outdoor installation casing and horizontal flue
		8736201320	Includes 30kW heating and 37kW domestic continuous flow hot water condensing combination boiler NG, outdoor installation casing and horizontal flue
		8736201321	Includes 30kW heating and 37kW domestic continuous flow hot water condensing combination boiler LPG, outdoor installation casing and horizontal flue
	Gaz 6000W Outdoor	7716482001	30kW standard efficiency system boiler NG
		7716483001	30kW standard efficiency system boiler LPG

Bosch Hydronic Heating Accessories

Genuine parts

Bosch is dedicated to delivering Australian homes with efficient heating systems. To complement our range of high quality hydronic heating boilers, we also manufacture a wide range of accessories which are key to correct installation, protecting, maintaining and improving systems. Bosch recommends that only genuine Bosch accessories be used with Bosch boilers.



Controls

Bosch controllers are specifically designed to work with Bosch boilers, providing a seamless interface to correctly manage hydronic heating systems. Whether it be to set a temperature, to set timers to reflect one's lifestyle, or even the need for wireless installation, a Bosch controller always keeps the user in perfect control.



Flue Components

The inner flue on Bosch flue components is durable high temperature plastic to protect against the slightly acidic condensate while the outer flue is powder-coated metal which allows the flue to pass through rooms in accordance with fire regulations. Installations without correct Bosch fluing are not approved and can pose a serious safety risk.



Outdoor Installation Casing

All Outdoor Bosch Condens 5000W boilers come standard with an outdoor casing and horizontal telescopic flue terminal to protect the boiler and ensure correct operation of the unit. Separate purchase of these accessories is available to convert an existing indoor installation to outdoor, or replace parts.

Images for reference only.

Condens 5000W Condensing Boiler Accessories

Outdoor Installation Components

Suitable for outdoor relocation of existing Bosch Condens 5000W boilers installed indoors or for replacement of components. Outdoor Condens 5000W boilers come standard with Outdoor Installation Kit.

	Product Name	Part Number	Description
	Outdoor Installation Casing	8736200202	Outdoor Installation Casing. (Separately purchased horizontal telescopic flue depicted in casing image for reference only.) Dimensions HxWxD (mm): 1004 x 498 x 400
	Horizontal Telescopic Flue Kit	7716191082	60/100mm horizontal telescopic flue kit 350mm–570mm

Diverter Valve Kits for Heating Domestic Hot Water Tanks

	Product Name	Part Number	Description
	Diverter Valve Kit 18kW	7716192568	Optional diverter valve kit (5000W 18kW system boiler only)
	Diverter Valve Kit 30kW	7719002746	Optional diverter valve kit (5000W 30kW system boiler only)

Service and Cleaning

	Product Name	Part Number	Description
	Heat Exchanger Cleaning Kit	7716192312	Cleaning kit (for heat cell / servicing) for Condens 5000W 18kW boiler only
	Heat Exchanger Cleaning Kit (30kW & 37kW)	7719001996	Cleaning kit (for heat cell / servicing) for Condens 5000W 30kW and 37kW boilers only

Condens 5000W Condensing Boiler Accessories

Water Treatment

	Product Name	Part Number	Description
	Fernox F1 protector 500ml	56599	Inhibitor to protect against corrosion and limescale formation in domestic central heating systems
	Fernox F3 cleaner 500ml	56600	Cleaner to remove sludge, scale and debris from new & existing central heating systems
	Fernox TF1 Compact Filter + Fernox F1 Protector 500ml bottle	62197	Hydrocyclonic inline system filter to remove contaminants plus inhibitor to protect against corrosion and limescale formation. Easy installation and exceptional system protection ensuring extended system life.

Condens 5000W Flue Components

Flue Components 60/100mm

	Product Name	Part Number	Description
	Horizontal Telescopic Flue Kit	7716191082	60/100mm horizontal telescopic flue kit 350mm–570mm
	Vertical Flue Kit	7719002430	60/100mm vertical BF kit
	Flue Extension Kit Long	7716191083	60/100mm extension flue kit 960mm
	Flue Extension Kit Short	7716191133	60/100mm extension flue kit 220mm
	45° Bend Kit 2pc	7716191085	60/100mm 45 degree elbow (2 units)
	90° Bend Kit	7716191084	60/100mm 90 degree elbow
	Flue Adaptor	7719002432	60/100mm high level horizontal flue adaptor
	Support Bracket Kit	7716191092	60/100mm support bracket kit

Condens 5000W Flue Components

Flue components 80/125mm

	Product Name	Part Number	Description
	Horizontal Flue Kit	7719003702	80/125mm horizontal flue kit 1,200mm
	Vertical Flue Kit	7719002431	80/125mm vertical BF kit
	Flue Extension Kit	7719003666	80/125mm extension flue kit
	45° Bend Kit	7719003665	80/125mm 45 degree elbow
	90° Bend Kit	7719003664	80/125mm 90 degree elbow
	Flue Adaptor	7719002433	80/125mm high level horizontal flue adaptor

Plume management 60/100mm

	Product Name	Part Number	Description
	Plume Management Kit	7716191086	(60mm) plume management kit
	Plume Management Extension	7716191087	(60mm) plume management 1000mm extension
	Plume Management 90° Bend	7716191088	(60mm) plume management 90 degree bend
	Plume Management 45° Bend 2pc	7716191089	(60mm) plume management 45 degree bend (2 units)

Controls

Condens 5000W Controls

	Product Name	Part Number	Description
	Bosch CW400 Comfort	7738112299	Room temperature dependent or weather compensating system controller for heating systems for up to four heating and two DHW charging circuits; for simple to complex heating systems. <ul style="list-style-type: none"> • Simple control concept with large graphic display panel, touchscreen controls and clear text display • Individually configurable end-user menu • Simple automatic configuration mode
	Bosch CR50	7738111022	Simple room temperature control for unmixed heating circuit. <ul style="list-style-type: none"> • Intuitive control with an 'auto/manual' control dial • Time program and back light • Open therm compatible
	Bosch CR10	7738111013	Simple remote control for mixed and unmixed heating circuits <ul style="list-style-type: none"> • Room temperature setting in the current time phase • Error display • Only the size of a light switch
	Bosch Comfort II RF	7733600002	Wireless controller <ul style="list-style-type: none"> • Radio Frequency control – no wiring required • 24-hour programmable room thermostat • Set different temperatures for up to 6 different time periods • No separate room thermostat is required
	Bosch DT20RF	7716192054	Wireless controller Radio-frequency control – no wiring required <ul style="list-style-type: none"> • Twin channel for central heating and hot water • Set up to 3 different time periods a day • Room thermostat provides the temperature control
	Bosch DT20	7719002984	Digital Twin Channel Programmer <ul style="list-style-type: none"> • Plugs into the boiler fascia • 3 separate time periods for both heating and hot water • Required when using optional diverter valve kit

Controls

Gaz 6000W Controls

	Product Name	Part Number	Description
	Bosch OR30	7716409032	Large LCD screen design, to easily adjust the heating temperature. Not just a simple on/off controller, the OR30 can control the output of the boiler to maximise energy saving.
	Bosch OR80	7716409033	Large LCD screen design, to easily adjust the heating temperature and weekly program as desired. Not just a simple on/off controller, the OR30 can control the output of the boiler to maximise energy saving.

Bosch boilers are compatible with 3rd Gen Nest Thermostat

	Product Name	Description	Info
	3rd Generation Nest Thermostat	Google Nest Learning Thermostat – Programmable Smart Thermostat for Home	Nest Thermostat is not supplied by Bosch, please refer to Nest documentation for further information.

Connect with us

Here at Bosch we've been proudly supplying revolutionary Heating & Hot Water Solutions for over 100 years.

We're always here to help.



Visit Our Website

Bosch Website	bosch-climate.com.au
---------------	---

Technical and Spare Parts Information	boschhotwatertraining.com.au
---------------------------------------	---



Email Us

Sales Orders - Spare Parts	Sales@SystemControl.com.au
----------------------------	--

General Information	HotWater.Query@au.bosch.com
---------------------	--

Marketing	Hot.Water@au.bosch.com
-----------	--



Alternatively, speak with our helpful team

1300 30 70 37

Monday to Friday, 8am to 6pm (Melbourne Time).

We are closed on all National Public Holidays and are open with reduced hours for Victorian & other state based public holidays.

Model numbers and specifications are for reference only and subject to change without prior notice.

Whilst every care has been taken in the preparation of this publication, Bosch does not warrant the accuracy or completeness of the information in this publication and Bosch reserves the right to alter specifications without notice. To the extent permitted by law, Bosch excludes all liability, including negligence, for any loss incurred in reliance on the contents of this publication.

KRD 07/2021 - RB 4664 HWH

Bosch Thermotechnology Australia
1555 Centre Road Clayton VIC 3168

Postal Address
Locked Bag 66, Clayton South VIC 3169

Customer Line
Phone: 1300 30 70 37

www.bosch-climate.com.au

