

Robert Bosch (Australia) Pty. Ltd.
1555 Centre Road
Clayton Victoria 3168
Sales Hotline: 1300 30 70 37
Sales Fax: 1300 30 70 38
www.bosch-climate.com.au



BOSCH
Invented for life

Domestic Gas Hot Water Systems



© 2013. Robert Bosch (Australia) Pty Ltd.
Whilst every care has been taken in the preparation of this publication, Bosch does not warrant the accuracy or completeness of the information contained in this publication and accepts no responsibility for any errors or omissions. All details and specifications contained in this publication are based on the latest information available at the time of printing. Bosch reserves the right to alter specifications and product range without notice. To the maximum extent permitted by law, Bosch excludes all liability, including negligence, for any loss incurred in reliance on the contents of this publication. Printed April 2013.



Bosch. **Delivering Peace of Mind**

Bosch Story

Bosch have been delivering hot water to Australian and New Zealand households for over 50 years. Pioneering continuous flow water heating in the late 1800’s, Bosch have secured a name synonymous with quality and innovation that continues to drive the company today.

The Bosch mission is to deliver the most reliable and efficient hot water appliances to fit the lifestyles of today’s modern households. As a result, Bosch now offers the largest range of continuous flow gas hot water systems on the market.

Quality Statement. The Robert Bosch promise of quality is the foundation of our business. All Bosch hot water systems are manufactured to the highest possible standards, using premium quality materials.

Bosch understands the importance of continually improving design, engineering, and manufacturing processes to ensure that customers only receive state of the art hot water systems. All Bosch hot water systems are quality tested before they leave the factory, further strengthening customers’ peace of mind.

Contents

All You Need to Know		14	Internal Compact
4	Continuous Flow Hot Water	15	Pilot Ignition
5	New Homes and Renovations	16	Large Homes
The Bosch Product Range		17	Large Home Accessories
6	Electronic Highflow	18	Accessories
8	Temperature Controllers	19	Compress 3000 Heat Pump
10	Bosch 4000S Internal	Helpful Information	
11	Bosch 4000S External	22	Rebates
12	External HydroPower	23	Hot Water Selection Guide
			Service & Warranty Information



Bosch Continuous Flow Hot Water



Bosch water heaters are amongst the most economical appliances on the market today, boasting high energy efficiency ratings. Due to their excellence in energy efficiency, Bosch water heaters provide considerable savings on running costs today and help preserve the environment for tomorrow.

Traditionally, storage tanks have been the hot water system of choice for many Australian homes. However, Bosch is now changing the way hot water is delivered to households by offering the largest range of continuous flow hot water systems on the market.

Continuous flow hot water systems offer an efficient alternative to traditional gas and electric storage units. Whether you're renovating, building a new home, or replacing your existing hot water system, Bosch has a gas continuous flow water heater to suit your hot water needs.

Bosch continuous flow systems only heat the water you need, so you will never run out of hot water. That means that the entire household can shower consecutively without anybody enduring a cold shower!

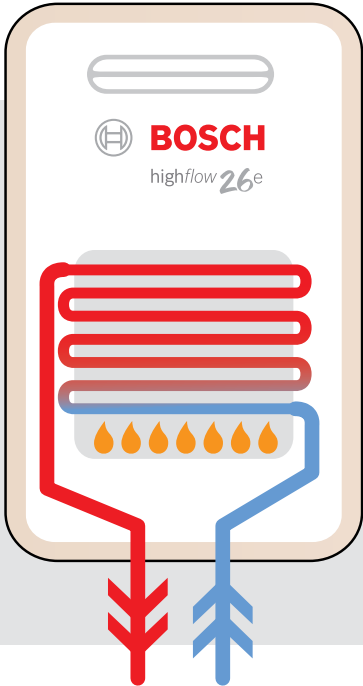
Continuous flow hot water systems are more compact in size than traditional storage hot water units. This allows them to be easily mounted outside, or alternatively, the internal systems can be conveniently installed in a cupboard (flueing required).

Electronic continuous flow systems can also provide you with a precise temperature adjustment feature through the use of a temperature controller.

What this means for you

- Heat water only as required
- Never run out of hot water
- Save money on gas bills and reduce greenhouse gas emissions
- Space-saving, compact design
- Precise temperature control* giving parents added peace of mind for their children's safety
- Extensive range of accessories to add to the appearance of your home

*Optional only on the Bosch Highflow range (17e, 21e & 26e), and 32 Series models



Bosch New Home & Renovations

► How many bathrooms does your home have?

Bosch continuous flow gas hot water systems provide hot water at the turn of a tap. However, we recognise that there are times where heavy usage occurs. For example, in busy morning times, there may be more than one shower operating at the same time. It is important to select a hot water unit with a capacity to suit your household's needs. A two or three bathroom home will require a larger system, such as a Bosch 26e.

► What type of shower head is installed?

If your home has a single 9 litre/minute shower head installed, a Bosch 17e or 21e may be suitable. For 2-3 bathroom homes in colder climates, Bosch recommend a larger hot water system, such as a Bosch 26e.

► Is there a spa bath* or large bath installed in the home?

Bosch recommend the 26e or 32 litre unit be installed in homes with a spa bath* or large bath in order to manage the larger volume of hot water required to fill the baths.

► What is the distance to the bathroom and other hot water outlets in the home?

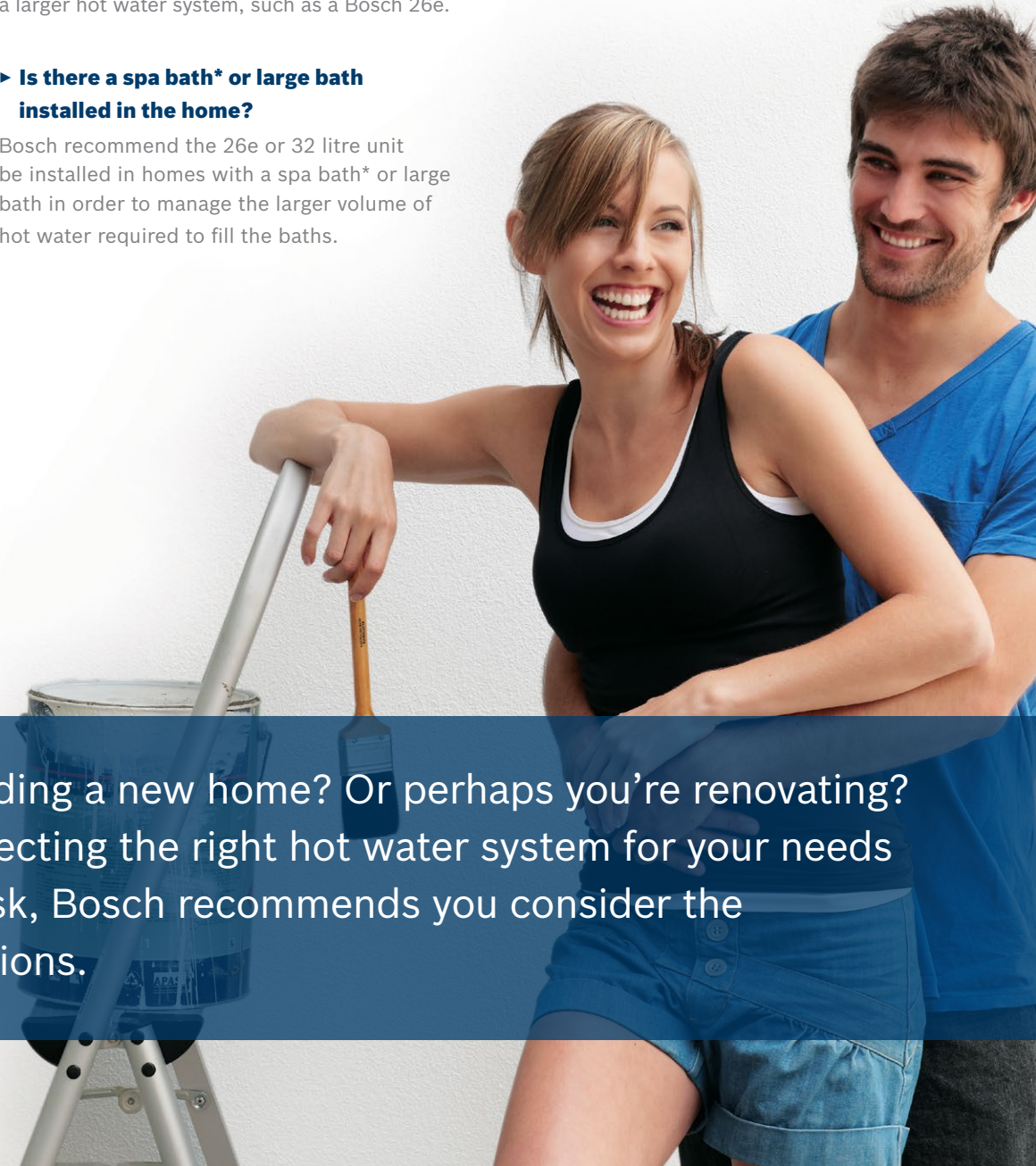
It is most efficient to have the hot water system installed in a location closer to the outlets used most frequently such as the shower or kitchen. This helps to reduce the time it takes for the hot water to reach the outlets.

► Other Accessories

When installing an Electronic Highflow system into your new home, some accessories to consider include a lockable recess box or pipe cover. For further information on the Bosch Accessories range please refer to page 18.

*These hot water systems must not be used as a dedicated spa heater.

Are you building a new home? Or perhaps you're renovating? To make selecting the right hot water system for your needs an easier task, Bosch recommends you consider the above questions.



Bosch Electronic Highflow



The Electronic Highflow range lets you enjoy the convenience of water heating with uncompromised quality, higher capacities and even more temperature controllers.

The most effective way to use your Highflow appliance is with a temperature controller. Safety and simplicity are the hallmarks of Bosch temperature controllers.

Bosch Electronic Highflow units are compact, space-saving and easy to install. This range is specifically designed for maximum energy efficiency and environmental protection, providing a minimum 5.5+ star performance rating. With a Bosch Highflow you are assured continuous hot water, while saving money and caring for the environment.

Highflow systems are available in 17, 21 and 26 litre per minute flow rates and are available in Natural or LP gas.

Range includes:

- High energy efficiency star ratings
- Up to 4 optional temperature controllers
- Antifrost feature as standard

*Model is not solar compatible.

Features & Benefits

- 5.5+ star energy efficiency
- Continuous flow technology
- Compact design
- All new Highflow models are capable of utilising up to 4 optional temperature controllers
- Suitable for 1-3 bathroom homes
- 50°C limited models available
- Antifrost as standard on all models
- External installation only
- Highflow models (YS1770RAH, YS2170RAH, YS2670RAH) are solar compatible without the need for a solar transfer valve
- 3 year parts and labour and 10 year heat exchanger warranty (part only)

Specifications

	Model		
	Bosch 17e	Bosch 21e	Bosch 26e
Part Number	YS1770RAH	YS2170RAH	YS2670RAH
Installation	External	External	External
Ignition	Electronic	Electronic	Electronic
L/min (25°C rise)	17	21	26
No. of bathrooms	1	1-2	2-3
Min. operating inlet water pressure (kPa)	100	100	100
Min. constant water pressure for Max. flow (kPa)	100	130	230
Max. inlet water pressure (kPa)	1000	1000	1000
Mj/H	135	170	200
Star Rating	5.66	5.56	5.53
Antifrost	Standard	Standard	Standard
Transfer valve required for solar	No	No	No
50°C Limited Part Number	YS1770RA5*	YS2170RA5*	YS2670RA5*
Gas Type	NG/LPG	NG/LPG	NG/LPG
Electrical Supply	230 VAC - 240V 50 Hz (10amp weatherproof power point required within 500 mm of the unit)		
Temperature Controllers	Up to 4 temperature controllers can be installed		
Unit Height (mm)	520	520	600
Unit Width (mm)	350	350	350
Unit Depth (mm)	170	170	170
Carton Weight (Kg)	18	19	22
Domestic Warranty			
Parts and Labour	3 Years	3 Years	3 Years
Heat Exchanger (part only)	10 Years	10 Years	10 Years
Pipe Connection Size			
Natural gas (NG)	20 mm (3/4")	20 mm (3/4")	20 mm (3/4")
LP gas	20 mm (3/4")	20 mm (3/4")	20 mm (3/4")
Cold Water	20 mm (3/4")	20 mm (3/4")	20 mm (3/4")
Hot Water	20 mm (3/4")	20 mm (3/4")	20 mm (3/4")

Bosch Electronic Highflow



Bosch 17e



Bosch 21e



Bosch 26e

Bosch Temperature Controllers



Peace of mind – Precise temperature control means you can select a safe temperature for your child’s bath. This will maximise safety and will allow you to shower or bathe at your ideal temperature^.

Bosch Temperature Controllers



Bosch recognise that water is one of our most important resources. The Bosch Highflow range* when equipped with temperature controllers, can help conserve water through the use of the Water Saver function.

Bosch Highflow models now enable you to install up to 4 optional controllers. This allows precise control of water temperature^ in the kitchen, bathroom, en suite and laundry.

What are the benefits of installing temperature controllers?

The installation of Bosch temperature controllers has many practical features.

- **Easy to use** – No need to mix hot and cold water. Simply select the temperature you desire and turn on the hot water tap.
- **Environmentally friendly** – With water restrictions currently in place in most regions, the Water Saver function gives you peace of mind by limiting the duration of showers.
- **Consistent delivery** – Eliminates the hot and cold fluctuations caused when someone else in the house uses another tap or flushes the toilet.

Features & Benefits

- No need to mix hot and cold water. Simply select the temperature you desire and turn on the hot water tap.
- Main controller can be set to the maximum temperature of the unit.
- Bathroom controller has a maximum temperature of 50°C for safety.
- Volume setting - user can specify the output of water in litres.
- Assistance Call button allows the user to signal other household members via an audible alarm.
- Water Saver / Bath Fill function - an audible alarm will sound (Premium and Standard controllers) and water flow will stop when the predefined volume is reached (Premium controller only).
- Bosch controllers come with a comprehensive 3 years parts and labour warranty.

Premium Controllers (Main & Bathroom)



YPRM67XBN



YPRS67XBN

- Premium controllers have a stylish appearance, will automatically stop the water flow at a predefined volume and have a time display for convenience (Bath Fill function).

Sub Controller



YPRP62XBN

- Acts as the third or fourth controller to the range of Premium controllers.
- The sub controller features include:**
- Temperature control
 - Assistance call button

^ Subject to inlet water temperature.
* Bosch Premium controllers are suitable for all electronic Highflow systems (17, 21 and 26 litre models)

Bosch 4000S Internal



Features & Benefits

- ▶ Room sealed appliance
- ▶ Inbuilt temperature controller
- ▶ Electronically controlled modulation
- ▶ 6 Star efficiency
- ▶ 50°C locked models available

Bosch 4000S External



Features & Benefits

- ▶ 6 Star efficiency
- ▶ Electronically controlled modulation
- ▶ Easy change-over from Bosch HydroPower & Pilot models
- ▶ 12L, low gas load model
- ▶ 50°C locked models available



Description	Bosch Part Number
4000S Internal 12L NG	7736502487
4000S Internal 12L LPG	7736502488
4000S Internal 12L 50°C locked NG	7736502489
4000S Internal 12L 50°C locked LPG	7736502490
4000S Internal 16L NG	7736502495
4000S Internal 16L LPG	7736502496
4000S Internal 16L 50°C locked NG	7736502497
4000S Internal 16L 50°C locked LPG	7736502498
4000S Internal 20L NG	7736502499
4000S Internal 20L LPG	7736502500
4000S Internal 20L 50°C locked NG	7736502501
4000S Internal 20L 50°C locked LPG	7736502502

Specifications

	Units	12L	16L	20L
Performance				
Maximum gas consumption	MJ	90.0	120.2	149.0
Minimum gas consumption	MJ	11.9	18.0	18.0
Efficiency at 100% of nominal load	%	82.4	82.4	82.4
Data relating to gas – Permissible gas supply pressure				
Natural gas	kPa	1.13	1.13	1.13
LP gas	kPa	2.75	2.75	2.75
Data relating to the water				
Maximum admissible pressure	kPa	1000	1000	1000
Minimum operating pressure	kPa	100	100	100
Start up flow @ 15°C inlet water temperature	l/min	2.0	2.0	2.0
Maximum flow, corresponding to a temperature increase of 25°C	l/min	12.0	16.0	20.0
Maximum inlet temperature	°C	80	80	80
Temperature locked model available (adjustable to deliver 50°C at tap)		Yes	Yes	Yes
Electrical circuit				
Power supply voltage	V	230	230	230
Maximum power consumption	W	100	100	100
Flue data				
Required flue type	Bosch Co-axial flue must be used			
Maximum Horizontal Flue Length	m	10	10	6
Maximum Vertical Flue Length	m	12	12	8
Connections				
Cold Water	mm	15 mm (1/2")		
Hot Water	mm	15 mm (1/2")		
Gas NG	mm	15 mm (1/2")		
Gas LPG	mm	15 mm (1/2")		
Warranty Details (Domestic)				
Parts and Labour	Years	3	3	3
Heat Exchanger only	Years	10	10	10

Bosch 4000S Internal

The 4000S Internal is a range of 6 Star efficient appliances. With 12L, 16L and 20L capacities available the 4000S is the largest range of internally installed, room-sealed, water heater appliances in Australia. This wide range of capacities allows you to choose the appliance that is right size for your application.

The flue system of the 4000S both draws air and expels flue gas to outside. This allows it to be installed safely in more places in the home such as cupboards in the kitchen or bathroom, without interrupting these spaces. When installed in the kitchen or bathroom the 4000S will be closer to the point of use which reduces wait times for hot water, and saves water and energy.

Alongside the inbuilt controller, an extra wired remote controller can be installed.



Bosch 4000S Controller

- ▶ Temperature control
- ▶ Preset temperature capability

7736502925



Description	Bosch Part Number
4000S External 12L NG	7736502491
4000S External 12L LPG	7736502492
4000S External 12L 50°C LOCKED NG	7736502493
4000S External 12L 50°C LOCKED LPG	7736502494

Specifications

	Units	12L model
Performance		
Maximum Gas Consumption	MJ	90
Minimum Gas Consumption	MJ	11.9
Efficiency at 100% of nominal load	%	82.4
Data relating to gas – Permissible gas supply pressure		
Natural gas	kPa	1.13
LP gas	kPa	2.75
Data relating to the water		
Maximum admissible pressure	kPa	1000
Minimum operating pressure	kPa	100
Start up flow @ 15°C inlet water temperature	l/min	2.0
Maximum flow, corresponding to a temperature increase of 25°C	l/min	12.0
Maximum inlet temperature	°C	80
Temperature locked model available (adjustable to deliver 50°C at tap)		Yes
Electrical circuit		
Power supply voltage	V	230
Maximum power consumption	W	100
General data		
Weight (unpacked)	kg	10
Height	mm	570
Width	mm	300
Depth	mm	170
Connections		
Cold Water	mm	15 mm (1/2")
Hot Water	mm	15 mm (1/2")
Gas NG	mm	15 mm (1/2")
Gas LPG	mm	15 mm (1/2")
Warranty Details (Domestic)		
Parts and Labour	Years	3
Heat Exchanger only	Years	10

Bosch 4000S External

The 4000S External is a 6 Star efficient appliance designed as a smaller alternative to the Bosch Highflow range. Only available in a 12L model it is the perfect option for 1 bathroom homes, and other small applications.

The low gas load of this appliance (12Mj - 90Mj) allows it to be installed in areas where lower gas pressures cause problems for larger appliances.

The 4000S External can also be fitted with a wired remote controller which allows adjustment to the temperatures.



Bosch 4000S Controller

- ▶ Temperature control
- ▶ Preset temperature capability

7736502925

Bosch External HydroPower



Peace of mind – Enjoy the convenience of a hot water system that needs no power to operate!

Bosch External HydroPower

The External HydroPower range conveniently provides continuous hot water without a power point or a standing pilot light. The principle for this revolutionary ignition system is to create a supremely efficient appliance that is simple and easy to install.



Bosch 10H



Bosch 13H



Bosch 16H

What is Bosch HydroPower?

Bosch HydroPower systems use the energy created by water flow to ignite the burner and begin the heating process. The system only ignites when a hot water tap is opened. Once the hot water tap is closed, the system turns itself off. The principle for this revolutionary ignition system is to create a supremely efficient appliance that is simple and easy to install.

External HydroPower models are available in 10, 13 and 16 litre per minute flow rates and are available in Natural or LP gas.

Colder Climates

An exogel valve is recommended for areas that drop to 0°C for short periods. In areas prone to extended periods of frost and sub-zero temperatures, only Internal Compact models, external Highflow models, 32 Series models, and the 32C are suitable.

Features & Benefits

- ▶ HydroPower ignition – heats water only when required
- ▶ Continuous flow technology
- ▶ Constant, reliable source of hot water
- ▶ Energy efficient
- ▶ External installation
- ▶ Easy installation
- ▶ 2 year parts and labour and 10 year heat exchanger warranty (part only)

Specifications

	Model		
	Bosch 10H	Bosch 13H	Bosch 16H
Part Number	TF250-8G	TF325-8G	TF400-8G
Installation	External	External	External
Ignition	Hydro	Hydro	Hydro
L/min (25°C rise)	10	13	16
No. of bathrooms	1	1	1-2
Min. inlet water pressure (kPa)	30	40	50
Min. constant water pressure for Max. flow (kPa)	60	100	130
Max. inlet water pressure (kPa)	800	800	800
Mj/H	79	104	130
Star Rating	5.3	5.2	5.0
Min. Flow (L/min)	3.5	3.5	3.5
Gas Type	NG/LPG	NG/LPG	NG/LPG
Unit Height (mm)	845	845	936
Unit Width (mm)	405	405	460
Unit Depth (mm)	265	265	265
Carton Weight (Kg)	21	22	25
Domestic Warranty			
Parts and Labour	2 Years	2 Years	2 Years
Heat Exchanger (part only)	10 Years	10 Years	10 Years
Pipe Connection Size			
Natural gas (NG)	20 mm (3/4")	20 mm (3/4")	20 mm (3/4")
LP gas	15 mm (1/2")	15 mm (1/2")	15 mm (1/2")
Cold Water	15 mm (1/2")	15 mm (1/2")	15 mm (1/2")
Hot Water	15 mm (1/2")	15 mm (1/2")	15 mm (1/2")

Bosch Internal Compact



For homes where external installation is not possible, the Bosch range of Internal Compact water heaters have been designed specifically to fit in places where space is a premium.

Bosch Pilot Ignition

Pilot models offer the perfect solution for the budget conscious consumer without compromising product quality or performance. A standing pilot light is maintained throughout the life of the appliance.



Bosch Ci10



Bosch Ci13



Bosch Ci16

The new Bosch Internal Compact is an energy efficient, wall-hung appliance which provides continuous hot water without a power point or a standing pilot light.

Internal Compact units offer flow rate capacities of 10, 13 and 16 litres per minute and are available in Natural or LP Gas.

The Bosch Internal Compact range is an ideal replacement for existing internal hot water systems.

Flueing (for Internal Compact models)*

Flue Kits to suit Internal Compact appliances,

- ▶ 100mm to suit internal Ci10
- ▶ 125mm to suit internal Ci13 & Ci16

The Bosch Internal Compact range must be flued vertically.

*Available from Plumbing Supply Stores

Features & Benefits

- ▶ Automatic Ignition
- ▶ Internal Installation (vertical flueing required) making it perfect for frost prone areas
- ▶ Improved safety features to provide reassurance for your family
- ▶ Flexible water connections for easy installation
- ▶ Small, compact and attractive design making it ideal for small homes where space is limited
- ▶ Lower flow rate available which allows water to be heated when only a small amount of water is being consumed
- ▶ Digital temperature display and user friendly controls
- ▶ 2 year parts and labour and 10 year heat exchanger warranty (part only)

Specifications

	Model		
	Bosch Ci10	Bosch Ci13	Bosch Ci16
Part Number	GWH10-2G	GWH13-2G	GWH16-2G
Installation	Internal	Internal	Internal
Ignition	Automatic	Automatic	Automatic
L/min (25°C rise)	10	13	16
No. of bathrooms	1	1	1-2
Min. inlet water pressure (kPa)	50	50	50
Min. constant water pressure for Max. flow (kPa)	100	140	170
Max. inlet water pressure (kPa)	1000	1000	1000
Mj/H	79	100NG/97 LP	127
Star Rating	5.3	4.5	4.6
Min. Flow (L/min)	2.5	2.5	2.5
Gas Type	NG/LPG	NG/LPG	NG/LPG
Unit Height (mm)	580	655	655
Unit Width (mm)	310	350	425
Unit Depth (mm)	220	220	220
Dry Weight (Kg)	10.2	11.8	13.65
Flue Pipe Sizes (mm)	100	125	125
Domestic Warranty			
Parts and Labour	2 Years	2 Years	2 Years
Heat Exchanger (part only)	10 Years	10 Years	10 Years
Pipe Connection Size			
Natural gas (NG)	20 mm (3/4")	20 mm (3/4")	20 mm (3/4")
LP gas	15 mm (1/2")	15 mm (1/2")	15 mm (1/2")
Cold Water	15 mm (1/2")	15 mm (1/2")	15 mm (1/2")
Hot Water	15 mm (1/2")	15 mm (1/2")	15 mm (1/2")



Bosch 10P



Bosch 16P

What is Bosch Pilot Ignition?

The Pilot Ignition range provides continuous hot water at the turn of a tap, without the need for a power point. Only heating water when required, the range is an economical option.

Bosch Pilot Ignition systems are available in 10 or 16 litre per minute flow rates (10 litre model available in Natural gas (NG) or LP gas, and 16 litre models available in NG only).

Colder Climates

An exogel valve is recommended for areas that drop to 0°C for short periods.

In areas prone to extended periods of frost and sub-zero temperatures, only Internal Compact models, external Highflow models, 32 Series models, and the 32C are suitable.

* Please refer to page 16 for more information on this product.

Features & Benefits

- ▶ Economical running costs
- ▶ Continuous hot water
- ▶ Environmentally friendly
- ▶ Compact design – smaller than traditional storage water heaters
- ▶ External installation
- ▶ 2 year parts and labour and 10 year heat exchanger warranty (part only)

Specifications

	Model	
	Bosch 10P	Bosch 16P
Part Number	TF250	TF400
Installation	External	External
Ignition	Pilot	Pilot
L/min (25°C rise)	10	16
No. of bathrooms	1	1-2
Min. inlet water pressure (kPa)	30	50
Min. constant water pressure for Max. flow (kPa)	90 (NG) 55 (LPG)	150
Max. inlet water pressure (kPa)	1200	1200
Mj/H	82	130
Star Rating	4.6	4.3
Min. Flow (L/min)	5.0	2.0
Gas Type	NG/LPG	NG
Unit Height (mm)	845	936
Unit Width (mm)	405	460
Unit Depth (mm)	265	265
Carton Weight (Kg)	21	24
Domestic Warranty		
Parts and Labour	2 Years	2 Years
Heat Exchanger (part only)	10 Years	10 Years
Pipe Connection Size		
Natural gas (NG)	20 mm (3/4")	20 mm (3/4")
LP gas	15 mm (1/2")	N/A
Cold Water	15 mm (1/2")	15 mm (1/2")
Hot Water	15 mm (1/2")	15 mm (1/2")

Bosch Large Homes



The Bosch 32 Series, and the 32C provide flexibility and reliability when there is demand for large volumes of hot water. These appliances have all of your applications covered and are perfect for 3+ bathroom homes.



- Bosch 32 / 32Q**
- ▶ Delivers 32 litres of hot water per minute
 - ▶ Natural or LP Gas
 - ▶ Internal* or external** installation
 - ▶ 10 year warranty on heat exchanger (part only)⁺
 - ▶ 3 year warranty on full parts and labour⁺

- The Bosch 32Q has all the features of the Bosch 32, PLUS...**
- ▶ When used on a ring main, an internal pump circulates water around your house to give you hot water at your taps when you need it.
 - ▶ Main Remote Controller with circulation timing mode included as standard.

- Bosch 32C**
- ▶ Delivers 32 litres per minute
 - ▶ 6-star energy efficiency rating, with 94% energy efficiency
 - ▶ Condensing technology
 - ▶ Available as a 50°C limited model
 - ▶ Natural or LP Gas
 - ▶ Internal* or external** installation
 - ▶ Compatible with solar hot water and warm water return systems[^]
 - ▶ 10 year warranty on heat exchanger (part only)⁺
 - ▶ 3 year warranty on full parts and labour⁺

How does Condensing Technology work?
Unlike traditional hot water systems, Bosch condensing units capture heat from the exhaust gas and use it to preheat incoming cold water, making the Bosch 32C the most energy efficient Bosch commercial gas hot water system available!

Specifications

	Model		
	Bosch 32	Bosch 32Q	Bosch 32C
Part Number	KM3211WH	KM3211WHQ	BC3200RA(5)
L/min (25°C Rise)	32	32	32
Gas Input–Low (MJ/H)	25	25	25
Gas Input–High (MJ/H)	250	250	217
Star Rating	4.8	4.8	6
Antifrost	Standard	Standard	Standard
Type	Internal* or External**	Internal* or External**	Internal* or External**
Installation	Wall Hung	Wall Hung	Wall Hung
Air Supply / Exhaust	Power Flued	Power Flued	Power Flued
Gas Type	NG / LP	NG / LP	NG / LP
Min. pressure for max flow (kPa)	200	200	200
Max. allowable inlet water pressure (kPa)	900	900	900
Unit Height (mm)	615	615	615
Unit Width (mm)	464	464	464
Unit Depth (mm)	240	240	240
Unit Weight (KG)	29	32	39
Power Supply (VAC)	240	240	240
Power Consumption	NG - 100W / LP - 115W	NG - 135W / LP - 150W	NG - 125W / LP - 125W
Domestic Warranty	Domestic – 3 year parts and labour, 10 years heat exchanger (part only) Commercial – 2 year parts and labour, 5 year heat exchanger (part only)		
Pipe Connection Size			
Water Inlet	20 mm (3/4")	20 mm (3/4")	20mm (3/4")
Hot Water Outlet	20 mm (3/4")	20 mm (3/4")	20mm (3/4")
Hot Water Return	–	15 mm (1/2")	–
Gas Inlet	20 mm (3/4")	20 mm (3/4")	20mm (3/4")
Condensate Drain	–	–	15mm (1/2")

* Internal installations of the Bosch 32 Series requires flueing available from plumbing supply stores. Internal installations of the Bosch 32C require flueing supplied exclusively by Bosch.
** External installations of the Bosch 32 Series require the KMVC-100 Vent Cap. External installations of the Bosch 32C require the BCVC-100C Vent Cap.
[^] Reduced condensing efficiency due to warm water input.
⁺ Domestic applications only.

Bosch Large Homes Accessories

The Bosch 32 Series, and the 32C are most effective when coupled with optional temperature controllers.

Main Remote Controller
(RCM3211)

- ▶ Time display
- ▶ Accurate temperature setting
- ▶ Circulation mode (32Q only)
- ▶ Controller is standard with 32Q model

Sub Controller
(RCS3211)

- ▶ Up to 3 temperature controllers can be fitted to the 32, 32Q and 32C i.e. one Main Remote Controller and two Sub Controllers

32 & 32Q Vent Cap
(KMVC-100)

- ▶ For external applications only

Standard Vertical and Horizontal Flue Kit
(for internal installations)
FKV32LTR – Vertical
FKH32LTR – Horizontal

32C Vent Cap
(BCVC-100C)

- ▶ For external applications only (includes flue collar)

Internal Installation
Bosch offer a range of high quality flue components for the Bosch 32C. Please contact 1300 30 70 37 for more information.

Bosch Accessories



Get the most out of your Bosch hot water system by teaming it with one of our accessories. The extensive Bosch range of optional accessories not only provide peace of mind but can also add to the appearance of your home.



Lockable Recess Box

RBHF50L (17e & 21e)
RBHF26L (26e)

Ideal for new homes, Bosch lockable recess boxes allow Highflow systems to be completely recessed, saving space and securing your investment. The lockable recess box can also be painted to suit the appearance of your home.

Brick opening dimensions* (mm)

RBHF50L & RBHF26L
Height: 930
Width: 345
Depth: 145

*Minimum dimensions



Fully Enclosed Recess Box
FERB70

Bosch now offers a fully enclosed recess box to completely conceal your Bosch Highflow unit. The fully enclosed recess box can also be painted to suit the appearance of your home.

Brick opening dimensions* (mm)

Height: 930
Width: 365
Depth: 175

*Minimum dimensions



Pipe Cover

YPHC304

A pipe cover* can be easily attached to your Highflow hot water system. It conceals the pipes leading into the appliance, giving a neat and smooth finish to the installation. This also allows the power point to be sheltered beneath the cover.

* Available for non-recessed Highflow models only.

Dimensions (mm)

Height: 410
Width: 342



Security Bracket
BLB70

Bosch now offers a security bracket* made from 2mm thick galvanised plate steel which attaches to the wall and the hot water system to secure your investment. Padlock is not included.

* Available for all products in the Highflow range only.

Dimensions (mm)

Height: 60
Width: 175
Depth: 35

Exogel Valve
H707060151

When installing an external Pilot or HydroPower system, an exogel valve* can be installed to help minimise the possibility of damage to the appliance caused by freezing water.

*Only available for the external Pilot and HydroPower appliances installed in areas where temperatures fall to 0°C for **short periods**. (Exogel valve purchased separately).

Heat Shield
9708061400.ZG1

For Bosch external Pilot and HydroPower systems that are installed on combustible surfaces, a heat shield protects your home from hot flue gases.

Bosch Compress 3000 Heat Pump



The Bosch Compress 3000 provides energy efficient hot water by extracting heat from the air and transferring it into the water, reducing the energy used by up to 65%*.

Using the same reliable technology used in refrigerators, and engineered and manufactured in Europe, the Bosch Compress 3000 includes ‘smart controls’, which allows the user to maximise their savings while best suiting their hot water needs. The ‘smart control’ also allows the user to optimise energy usage when used in combination with a PV system, by controlling the heat-up times to coincide with the energy generation times of the PV system.

- ▶ Reduces energy use by up to 65%*
- ▶ Smart controls for user flexibility; demand & running cost optimisation
- ▶ Suitable for 3-4 people



Features & Benefits

- ▶ Highly efficient heat pump – reduces energy by up to 65%*
- ▶ Eligible for generous government rebates
- ▶ Smart Controls to take advantage of:
 - ▶ Cheaper overnight power prices
 - ▶ PV Solar energy generation systems
 - ▶ Noise reduction mode
- ▶ Designed for easy and low-cost install and servicing
- ▶ The heat pump operates from -7°C to 40°C, delivering energy efficient hot water even in colder climates

Note: Heat pumps use the ambient temperature in surrounding air to heat water in the tank. This means as the air temperature around the tank decreases, the time taken to heat the full tank increases. Customers in colder climates and frost prone areas should consider this when deciding which type of Bosch system is best for their circumstances.

Specifications

Model	
Bosch Product Code	7736501960
Heat Pump operating temperatures °C	-7°C / +40°C
Total operating temperatures °C	-10°C / +50°C
Outlet Water temperature °C	60°C - 65°C
Storage capacity (L)	270
Max Water Relief Pressure (kPa)	1000
Max Water Supply Pressure (kPa)	800
COP**	3.3
Heat Pump	
Heat Pump Max input (kW)	0.6
Max Current (A)	2.6
Heat Pump heating capacity (kW)	1.5
Back Up Electric Element	
Heat input (kW)	1.65
Total Max current (A)	7.2
Maximum Combined Total	
Heating capacity (kW)	3.15
Maximum input	2.25
Maximum Current @ 230V (A)	9.8
Net empty weight (kg)	130
Refrigeration type/ Mass (kg)	R134a/0.375
Domestic Warranty	
Parts & Labour	2 Years
Tank (Part Only)	5 Years

STC Zones***

STC Zones					
Code on REC Registry	Zone	1	2	3	4 5
HP 270-2E 0 FOOV/S	STCs	23	23	27	29 27

* When compared with a conventional electric storage system.
** COP as measured under the following conditions: air 15°C; RH 70%; water 15°C-60°C.
*** Postcodes for each of the STC zones are available on: ret.cleanenergyregulator.gov.au

Why use a heat pump

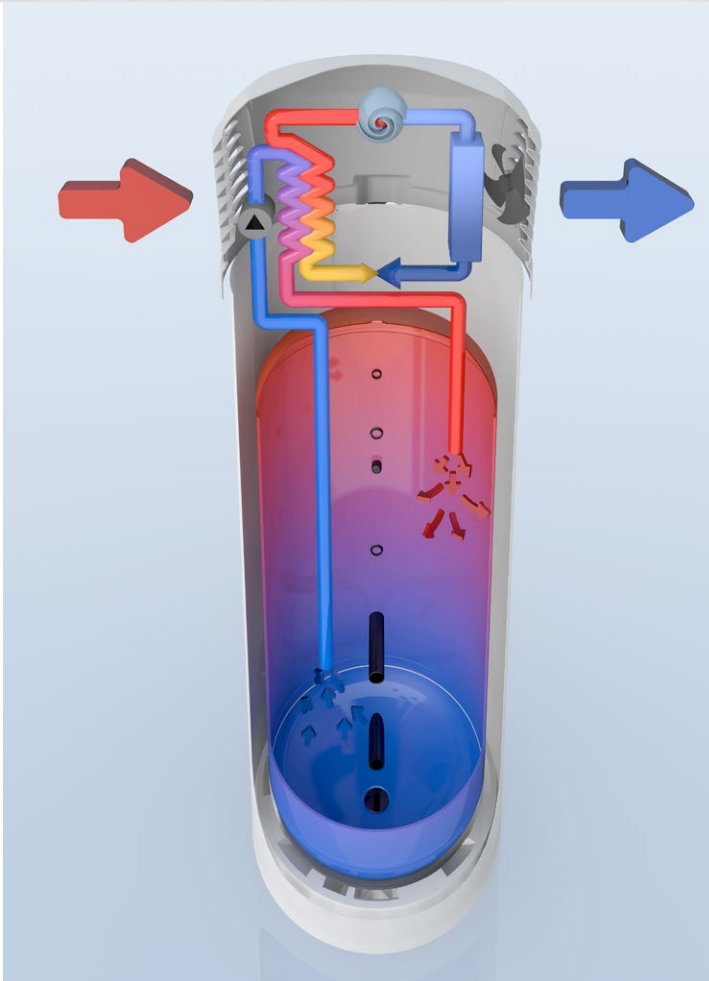


Water heating accounts for 25 per cent of the energy used within a home, so it makes sense to heat water as efficiently as possible. A heat pump water heater is a cost effective, simple way of achieving this.

How does the heat pump work?

The heat pump is essentially a refrigerator in reverse. A refrigerator creates and distributes cool air, while expelling the waste heat into the atmosphere. A heat pump works in the opposite manner, by creating and distributing heat into the stored water, and expelling cooled air into the atmosphere around it.

This process allows heat pumps to create energy efficient heat by drawing from the thermal energy in the surrounding air, heating water by up to 65% more efficiently than a conventional electric storage water heater.



Bosch Compress 3000 Heat Pump



Bosch. Delivering highly efficient Hot Water solutions for a sustainable future.

Rebates



What rebates are available if I install a Bosch Compress 3000 Heat Pump Water Heater?

As an incentive to help reduce greenhouse gas emissions, there are generous Federal and State Government rebates available which make the purchase of a Bosch heat pump water heater very affordable.

Federal government rebates

The Clean Energy Regulator (CER) awards Small-Scale Technology Certificates (STCs) according to how much energy each heat pump saves. One STC is awarded to every Megawatt hour (MWh) of electricity saved over the lifetime of the product. The more efficient the heat pump, the more STCs will be awarded to that product.

STC rebates for heat pumps are calculated on the basis of five climate zones as shown on the map below.

STCs are awarded a monetary dollar value which fluctuates depending on market demand each week. The STC value being paid for that week would need to be checked at the time of purchase.

The total value of the claimable rebate would be the current rebate price multiplied by the number of rebates in the applicable zone. For example if the current rebate price was \$35 and the product purchase was worth 27 rebates in the installed zone, the total rebate awarded would be \$945 (27 x \$35)

State Rebates

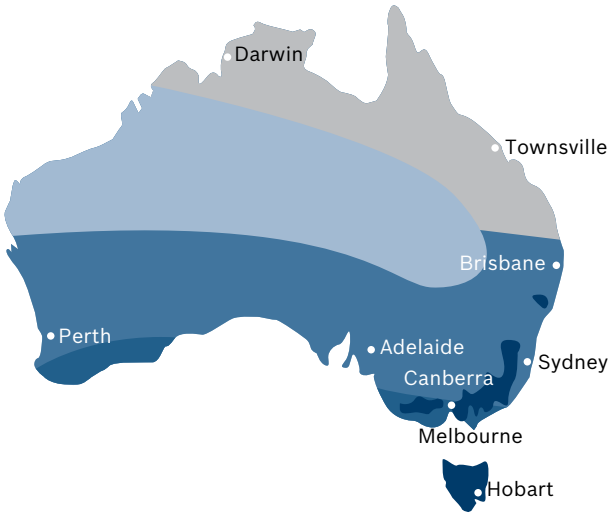
VEECs rebates are also available in Victoria when replacing an electric storage water heater with a Bosch Compress 3000, under certain conditions.

Available VEECs rebate

Metro Areas	41 VEECs
Regional Areas	44 VEECs

For more information on Federal and State rebates please visit our website at www.bosch-climate.com.au/resource-centre/government-rebates/

STC Zoning Map



STC Zones **

		STC Zones				
Code on REC Registry	Zone	1	2	3	4	5
HP270-2E 0 FOOV/S	STCs	23	23	27	29	27

Bosch Hot Water System Selection Guide

Average water temperatures vary greatly across Australia. The ambient water temperature of your region will influence your choice of hot water system, as will the number of hot water outlets in your home. To help you select the most appropriate water heater for your region, please refer to our two step guide below.

Step 1. What climate zone do you live in?



Step 2. Now choose your system according to the climate zone you live in, and the number of bathrooms you have.

		Climate zone		
		COLD	MODERATE	TROPICAL
No. of bathrooms	Product Name	Litres	Litres	Litres
1	HydroPower	16	10 or 13	10 or 13
	Internal Compact	16	10 or 13	10 or 13
	Pilot	16	10	10
	Electronic Highflow	17	17	17
2	HydroPower	-	16	16
	Internal Compact	-	16	16
	Pilot	-	16	16
	Electronic Highflow	21 or 26	17 or 21	17 or 21
	Condensing	-	-	-
2+	Electronic Highflow	26	26	26
	Condensing	-	-	-
3+	Commercial Series	32 or 32Q	32 or 32Q	32 or 32Q
	Condensing	32C*	32C*	32C*

Guide only, circumstances may vary. Please consult your retailer for specialist advice in your area.
* Refer to the Bosch Commercial Brochure for information on the Bosch 32C appliance.

Bosch Warranty and Service Information

For added peace of mind, all Bosch hot water systems come with a comprehensive warranty together with an extensive service agent network to ensure your water heater is installed and serviced by a qualified professional.

Warranty

The Highflow range is covered by a comprehensive 3 year parts and labour warranty. The External HydroPower, Internal Compact and Pilot ranges are covered for 2 years against manufacturing defects (parts and labour).

Additionally, Bosch guarantees the continued quality of our range by providing consumers with a 10 year (part only) warranty on the heat exchanger. The 32 Series (including the 32Q) and the 32C appliance are covered by a 3 year parts and labour warranty for domestic applications and a 2 year parts and labour warranty in commercial settings. In addition, for commercial applications there is a 5 year (part only) warranty on the heat exchanger.

For a full copy of the Bosch Warranty Statement, please visit our website www.bosch-climate.com.au or call 1300 30 70 37.

Important note for Australian Consumers

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or

refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Our extensive service agent network and support staff are available across Australia to assist consumers with any queries.

Servicing

To ensure your appliance's quality and performance is optimised, Bosch recommends having your unit serviced no less than once every 2 years. Having your product inspected and cleaned periodically by an authorised Bosch service technician not only ensures peak operation but also extends the life of the appliance.

For contact details of your nearest service agent within Australia please phone our Customer Contact Centre on 1300 30 70 37.