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**BOSCH**

Invented for life

# Domestic Gas Hot Water Systems





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 customer's peace of mind.

## Contents

	<b>All You Need to Know</b>	<b>12</b>	External HydroPower
<b>4</b>	Continuous Flow Hot Water	<b>14</b>	Internal Compact
<b>5</b>	New Homes and Renovations	<b>15</b>	Pilot Ignition
	<b>The Bosch Product Range</b>	<b>16</b>	Large Homes
<b>6</b>	Electronic Highflow	<b>17</b>	Large Home Accessories
<b>8</b>	Temperature Controllers	<b>18</b>	Accessories
<b>10</b>	Condensing Technology		<b>Helpful Information</b>
		<b>19</b>	Selection Guide
		<b>19</b>	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 households have hot water delivered 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!

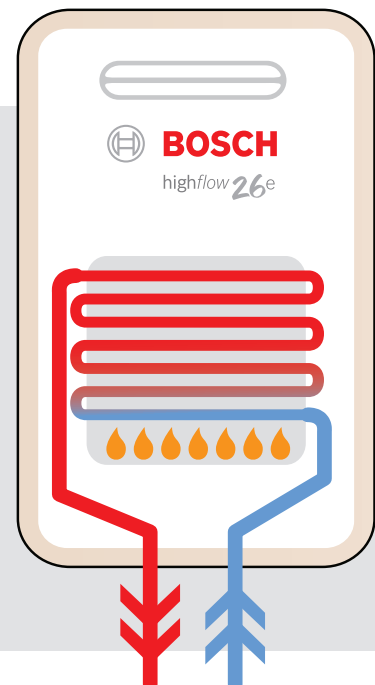
Continuous flow hot water systems are more compact in size than traditional storage hot water units. This allows them to be easily mounted outside, or alternatively, the internal systems can be conveniently installed in a cupboard (flueing required).

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), 26<sup>eco+</sup> 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?

To comply with government legislation in most states and territories, new homes must have a minimum 3 star (AAA) 9 litre/minute shower head 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 recommends 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.

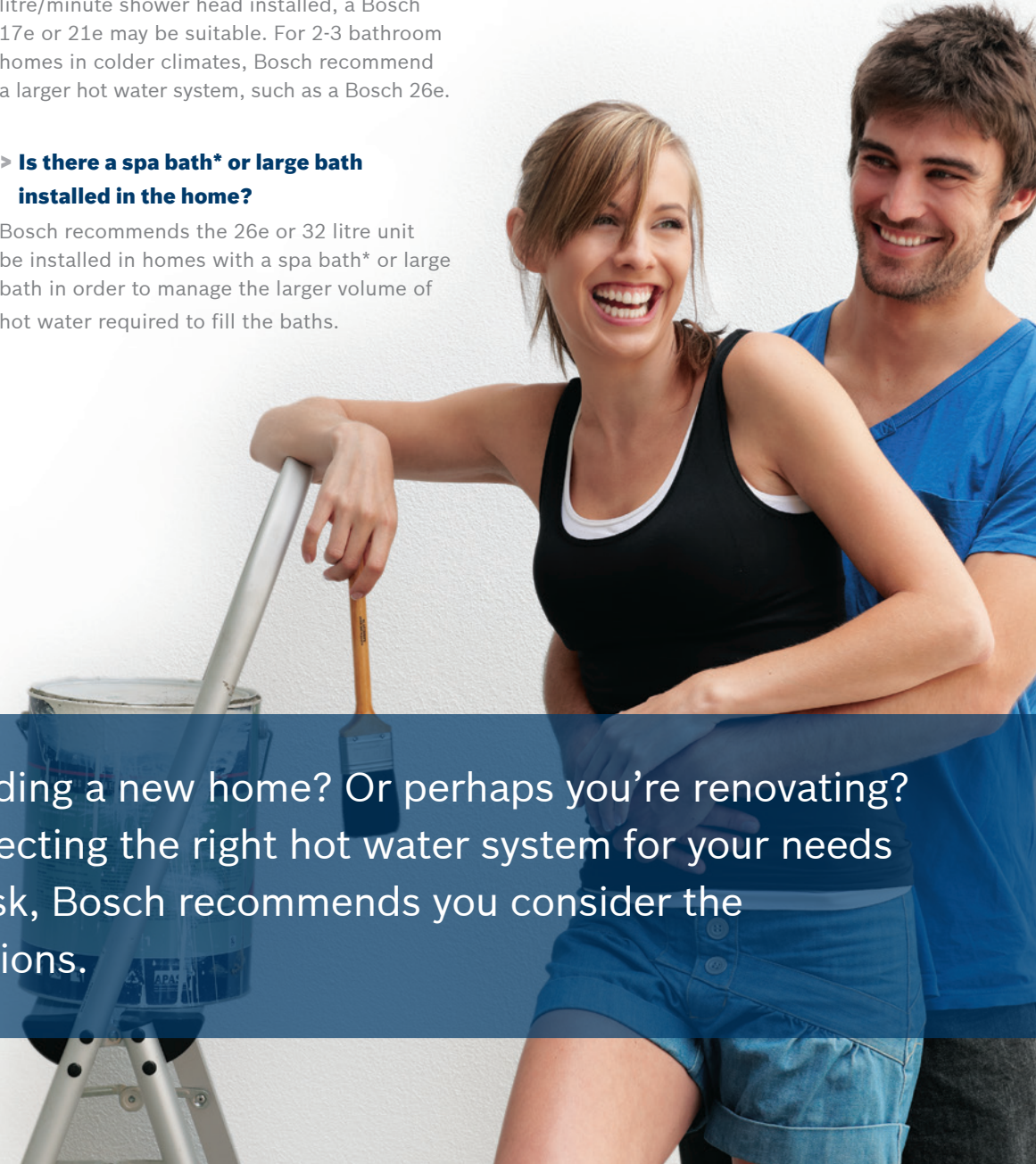
## > What is the distance to the bathroom and other hot water outlets in the home?

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 High/low 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 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, the 26<sup>co+</sup>, 32 Series models, and the 32C are suitable.

## Features & Benefits:

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

# 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 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, the 26<sup>eco+</sup>, 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
<b>Part Number</b>	TF250	TF400
<b>Installation</b>	External	External
<b>Ignition</b>	Pilot	Pilot
<b>L/min (25°C rise)</b>	10	16
<b>No. of bathrooms</b>	1	1-2
<b>Min. inlet water pressure (kPa)</b>	30	50
<b>Min. constant water pressure for Max. flow (kPa)</b>	90 (NG) 55 (LPG)	150
<b>Max. inlet water pressure (kPa)</b>	1200	1200
<b>Mj/H</b>	82	130
<b>Star Rating</b>	4.6	4.3
<b>Min. Flow (L/min)</b>	5.0	2.0
<b>Gas Type</b>	NG/LPG	NG
<b>Unit Height (mm)</b>	845	936
<b>Unit Width (mm)</b>	405	460
<b>Unit Depth (mm)</b>	265	265
<b>Carton Weight (Kg)</b>	21	24
<b>Domestic Warranty</b>		
<b>Parts and Labour</b>	2 Years	2 Years
<b>Heat Exchanger (part only)</b>	10 Years	10 Years
<b>Pipe Connection Size</b>		
<b>Natural gas (NG)</b>	20 mm (3/4")	20 mm (3/4")
<b>LP gas</b>	15 mm (1/2")	N/A
<b>Cold Water</b>	15 mm (1/2")	15 mm (1/2")
<b>Hot Water</b>	15 mm (1/2")	15 mm (1/2")



# 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.

No. of bathrooms	Product Name	Climate zone		
		COLD	MODERATE	TROPICAL
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	26 <sup>eco+</sup>	-	-
2+	Electronic Highflow	26	26	26
	Condensing	26 <sup>eco+</sup>	26 <sup>eco+</sup>	26 <sup>eco+</sup>
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 and the 26<sup>eco+</sup> are 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](http://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.**