



MEDIA RELEASE

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Bosch sets new benchmark in sustainable water heating

Creating a new benchmark in sustainable, energy efficient water heating, is the new 'Bosch 32C Commercial Condensing' gas hot water system, positioned as the only one of its kind in Australia.

Suitable for both commercial and domestic use, where there is demand for large volumes of hot water, the Bosch 32C boasts a 6-star energy rating, making it the most efficient commercial gas hot water unit on the market.

The product's edge is its unique 'condensing technology', which creates a superior level of energy efficiency – more than 94%.

Unlike traditional hot water systems, Bosch's condensing technology captures waste heat from exhaust gas and uses it to preheat incoming cold water. The effect is an energy saving of more than 15.5%, compared to a standard continuous flow commercial system.

Bosch National Commercial Manager, James Smith, said the environmental benefits of the Bosch 32C made it far superior to any other commercial model available, setting a new benchmark for the industry.

"Choosing this system for a commercial project is the equivalent of taking one and half cars off the road for an entire year, saving tonnes of greenhouse gas emissions and major dollars in terms of running costs*."

He said the new product gave builders, architects, hydraulic consultants and plumbers the opportunity to meet and exceed the Australian Building Code Board's latest energy efficiency provisions, while reducing environmental impact and energy costs for their clients.

Designed specifically for commercial developments and large homes, the Bosch 32C (along with the 32 standard model) is the only true commercial unit on the market and the only continuous flow system able to be installed internally or externally.

"The unit has dual heat exchangers, one for primary heating and one for secondary heating. A 100% stainless steel exchanger uses residual heat from exhaust gases to help preheat incoming water prior to it entering a primary copper heat exchanger," Mr Smith said.

"The copper heat exchanger is coated to prevent corrosion and deterioration, and the internal copper piping is 25% thicker than any other model," he said.

Features & Benefits

- 6-star energy efficiency rating – the most efficient commercial gas hot water appliance on the market, with 94% energy efficiency.
- 217 MJ/hr gas consumption, producing a flow rate of 32 litres per minute.
- Designed to run up to 16 to 20 hours per day.



- Only commercial continuous flow unit on the market that can be installed internally or externally.
- 25% thicker commercial-grade copper heat exchanger, fused with 100% stainless steel corrosion-resistant heat exchanger.
- Commercial-grade components throughout, including heavy duty resin-coated printed circuit board, increases durability and protection from the elements.
- Can be installed as a single unit, manifolded or in combination, with storage. Self-diagnostic electronic staging and rotation system (in manifold).
- In-built neutraliser for the safe release of condensate (pH-neutral condensate).
- Optional temperature controllers (up to three), offering fingertip water temperature control.
- Available in 37°C to 85°C temperature range (with out temperature controllers), 37°C to 80°C temperature range (with temperature controller s), or 50°C locked.
- Compatible with solar hot water and warm water return systems**.
- Premium warranty – two years on parts and labour and five years on the heat exchanger (or three and 10 years when used in domestic applications).

The Bosch 32C was developed in line with Australia's Ecologically Sustainable Development (ESD) standards, and to complement Bosch's existing range of energy efficient products.

The domestic condensing model, the Bosch 26eco+, with a 6.9-star energy rating, was recently named the GreenPlumbers 'Product of the Year' (2009), demonstrating the superior ecological benefits of the Bosch condensing range.

The Bosch 32C is available from local plumbing suppliers or by contacting the Bosch Customer Service Hotline on 1300 30 70 37.

For more about Bosch's energy efficient gas hot water range, visit

www.bosch.com.au/hotwater

ENDS.

Media contact:

Julie Lynch, Jewels PR

T 08 9402 4477 / M 0401 325 800 / E julie@jewelspr.com.au

ABOUT BOSCH

Bosch has been delivering hot water to Australian and New Zealand households for over 50 years. Founded in Stuttgart, Germany in 1886 by Robert Bosch (1861-1942), the company pioneered continuous flow water heating. Today, Bosch employs 251,000 people globally, including 1,600 in Australia and New Zealand, spanning four business sectors – Automotive Technology, Consumer Goods, Building Technology and Industrial Technology. The Bosch Thermotechnology division in Australia distributes an extensive range of innovative continuous flow gas hot water systems for domestic and commercial applications. Bosch donates 92% of its share capital to charity, through its non-profit majority shareholding company Robert Bosch Stiftung GmbH. For further corporate information, visit www.bosch.com.

** Calculation based on carbon emissions in Victoria, where the average car produces four tonnes of greenhouse gas per year. Averages may vary in other regions. Source : Sustainability Victoria.*

*** Reduced condensing efficiency due to warm water input.*