

# ecoTEC exclusive combination boilers



You can be sure that when it comes to creating the ideal environment, Vaillant has it all under control. For more than 130 years, we have been setting the standards in the heating market, developing products that have revolutionised the industry.

Today we are still Europe's No.1 boiler manufacturer with an enviable reputation for performance, efficiency, quality and reliability.

Leading the way requires constant innovation. We continually invest in developing new technologies for even better solutions - all designed to create the perfect climate at home and at work.

# ecoTEC exclusive combination boilers

## Why condensing boilers?

Condensing boilers work on the principal of recovering as much as possible of the waste heat that is normally rejected into the atmosphere from the flue of a standard efficiency (non-condensing) boiler. Consequently, condensing boilers are far more energy-efficient.

They operate at an efficiency rate of over 90% compared to about 78% for standard efficiency boilers. This delivers excellent savings on fuel bills and reduced levels of pollution.

The Government legislation that came into effect in April 2005 has resulted in a dramatic change in the type of boilers that can be fitted in your home.

All Vaillant high efficiency boilers are SEDBUK A rated (the best possible rating for low carbon emissions).

## ecoTEC exclusive boilers

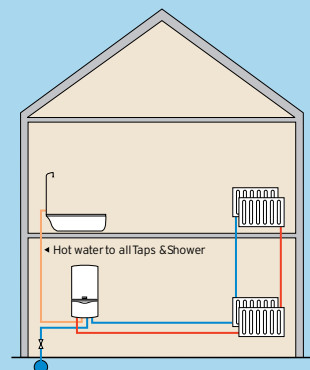
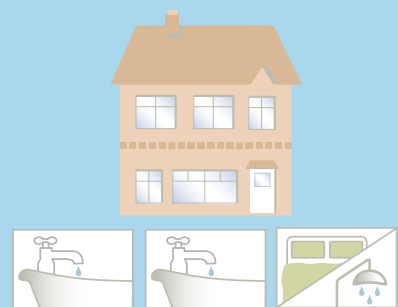
The two ecoTEC exclusive combination boilers feature an innovative low energy pump, and eBUS electronics, which allows the use of the full range of Vaillant energy saving controls. For use with sealed heating systems all models are SEDBUK band A rated, have a 3 year warranty. Two models available 838 38kW DHW - 30kW CH 832 30kW DHW - 27kW CH

## Features and benefits

- SEDBUK Band 'A' rated fuel efficiency - economical to run
- Fully modulating low NOx burner and fan - improved energy efficiency, kinder to the environment
- Low energy pump - efficient and economical
- Compact dimensions / compatible with the full range of Vaillant accessories - excellent siting versatility and easy installation
- Backlit plain text display - clear and easy to use
- Built-in status / diagnostic display - comprehensive status and diagnostic information and push button programming for easy use
- Built-in two stage frost protection - to prevent damage caused by freezing
- 3 year guarantee - for peace of mind

## House type suitability

Typical 3/4 bedroom detached with 1/2 bathrooms plus en suite



ecoTEC condensing combination boilers require no hot water cylinder or cold water storage tank

## Features of ecoTEC exclusive boilers

3 year warranty	Energy saving recommended	SEDBUK band A high efficiency condensing boiler	low NOx improved energy efficiency, lower emissions	built in two-stage frost protection to prevent damage caused by freezing	maximum vertical flue length 7m Maximum vertical flue length on standard 100mm flue
maximum horizontal flue length 4m Maximum horizontal flue length on standard 100mm flue	Aquacomfort for instantaneous hot water at a constant temperature	compact dimensions for excellent siting versatility and easy installation	advanced diagnostics for easy use, installation, and servicing	VTK re-directs plume vapour away from neighbouring properties (optional)	condensate pump allows installation of boilers in locations without access to a gravity drain (optional)

# ecoTEC plus

High efficiency combination boilers



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# ecoTEC plus combination boilers

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## ecoTEC plus combination boilers

ecoTEC plus high efficiency combination boilers are all SEDBUK Band 'A' rated,

have a 2 year warranty and offer outputs of 23kW DHW - 19kW CH to 37kW DHW - 28kW CH across three models (824, 831 & 837). With Vaillant's 'Aquacomfort' system ecoTEC plus combination boilers offer excellent hot water performance providing instantaneous hot water at a constant temperature.

## Features and benefits

- SEDBUK Band 'A' rated fuel efficiency - economical to run
- Fully modulating low NOx burner and fan - improved energy efficiency, kinder to the environment
- Compact dimensions / compatible with the full range of Vaillant accessories - excellent siting versatility and easy installation
- Built-in status / diagnostic display - comprehensive status and diagnostic information and push button programming for easy use
- Built-in two stage frost protection - to prevent damage caused by freezing
- 2 year guarantee - for peace of mind

## Features of ecoTEC plus combination boilers

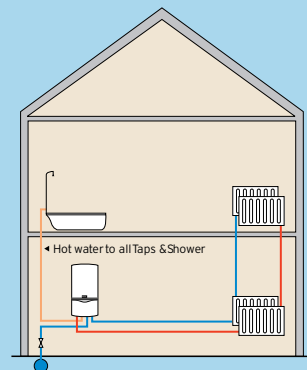
<p><b>2 year guarantee</b></p>	<p><b>energy saving recommended</b></p>	<p><b>SEDBUK band A</b> high efficiency condensing boiler</p>	<p><b>low NOx</b> improved energy efficiency, lower emissions</p>	<p><b>built in two-stage frost protection</b> to prevent damage caused by freezing</p>
<p><b>Aquacomfort</b> for instantaneous hot water at a constant temperature</p>	<p><b>compact dimensions</b> for excellent siting versatility and easy installation</p>	<p><b>F1 advanced diagnostics</b> for easy use, installation, and servicing</p>	<p><b>VTK</b> re-directs plume vapour away from neighbouring properties</p>	<p><b>condensate pump</b> allows installation of boilers in locations without access to a gravity drain.</p>

## House type suitability

Typical 1 bedroom apartment / flat with 1 bathroom (ecoTEC plus 824)



Typical 2/3 bedroom semi-detached with 1 bathroom and ensuite (ecoTEC plus 824, 831 or 837)



ecoTEC plus condensing combination boilers require no hot water cylinder or cold water storage tank

# ecoTEC pro

High efficiency combination boilers



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# ecoTEC pro combination boilers

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## ecoTEC pro

The ecoTEC pro 24 and 28 combination boilers have the same high build quality as ecoTEC plus combi models, but with a

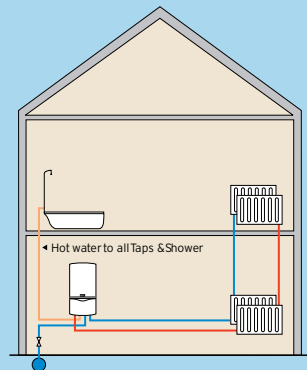
more basic specification. The ecoTEC pro models are ideally suited to properties with lower hot water demands - typically a 1 bedroom apartment/flat with 1 bathroom.

## Features and benefits

- SEDBUK Band 'A' rated fuel efficiency - economical to run
- Fully modulating low NOx burner and fan - improved energy efficiency, kinder to the environment
- Compact dimensions / compatible with the full range of Vaillant accessories - excellent siting versatility and easy installation
- Built-in status / diagnostic display - comprehensive status and diagnostic information and push button programming for easy use
- Built-in two stage frost protection - to prevent damage caused by freezing
- 1 year guarantee - for peace of mind

## House type suitability

Typical 1 bedroom apartment/flat with 1 bathroom



ecoTEC pro condensing combination boilers require no hot water cylinder or cold water storage tank

## Features of ecoTEC pro combination boilers

<p><b>1 year guarantee</b></p>	<p><b>energy saving recommended</b></p>	<p><b>SEDBUK band A</b> high efficiency condensing boiler</p>	<p><b>low NOx</b> improved energy efficiency, lower emissions</p>	<p><b>built in two-stage frost protection</b> to prevent damage caused by freezing</p>
<p><b>Aquacomfort</b> for instantaneous hot water at a constant temperature</p>	<p><b>compact dimensions</b> for excellent siting versatility and easy installation</p>	<p><b>F1 advanced diagnostics</b> for easy use, installation, and servicing</p>	<p><b>VTK</b> re-directs plume vapour away from neighbouring properties</p>	<p><b>condensate pump</b> allows installation of boilers in locations without access to a gravity drain.</p>