

# ecoTEC plus

High efficiency system 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 plus system 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 around 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 plus system boilers

ecoTEC plus high efficiency system boilers are the most compact boilers ever developed by Vaillant, offering simple installation and unrivalled siting flexibility. All six models (612, 615, 618, 624, 630 & 637) are SEDBUK Band 'A' rated, have a 2 year warranty and offer outputs of 4.9kW - 37.0kW 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
- 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 system boilers

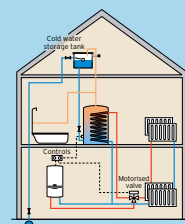
2 year guarantee	Energy Saving Trust recommended	SEDBUK band A high efficiency condensing boiler	low NOx improved energy efficiency, lower emissions	built in two-stage frost protection to prevent damage caused by freezing	condensate pump allows installation of boilers in locations without access to a gravity drain.
Total Solar System Solution can be used as part of complete solar heating system	Total System Solution full compatibility and peace of mind	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	

## House type suitability

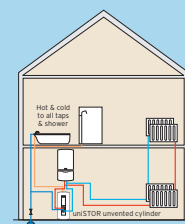
Suitable for all house types from a typical 1 bedroom apartment/flat with 1 bathroom (ecoTEC plus 612)



through to a typical 4 bedroom detached with 3+ bathrooms (ecoTEC plus 637)



ecoTEC plus condensing system boilers have all major system components (pump, expansion vessel, bypass valve, automatic air vent) built-in.



ecoTEC plus condensing system boilers with uniSTOR unvented cylinder provide a harmonised boiler and cylinder system.