

Our new ecoTEC plus

THE ORIGINAL REMASTERED



Introducing the new ecoTEC plus

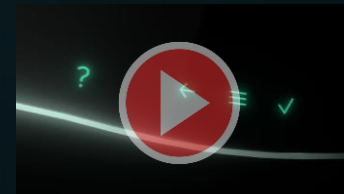
THE ORIGINAL
REMASTERED



The ecoTEC plus is a true original. For years it has defined Vaillant's range, and has credibility, history, and a place in the hearts of installers. July 2023 will see the launch of our latest ecoTEC plus. The range has been refined, upgraded, and taken to the next level, to make a great boiler, even better.

The series of fine improvements makes the new ecoTEC plus just as easy to install and even easier to service and maintain, whilst elevating Vaillant's premium brand and product proposition. We are ready for the future, too. Our new range is hydrogen prepared - tested and certified to work safely and efficiently with up to 20% hydrogen mix.

The ecoTEC plus is the boiler of choice for many UK installers, the new range will only enhance our reputation within the market. This is the next step into a successful future for Vaillant and our customers.



Click on the image
to discover the new
ecoTEC plus

Features and benefits

THE ORIGINAL REMASTERED

Smart home ready

The new ecoTEC plus takes connectivity to a whole new level. Paired with our new plug-and-play internet gateway, myVAILLANT connect, it enables app control, smart home integration and remote appliance care and support in minutes, for increased efficiency and first-class customer service



Hydrogen prepared

Tested and validated to work safely and efficiently with up to 20% hydrogen mix

Refined and enhanced internal layout

With easy access to all major components, making installation and servicing effortless

New intuitive semi-touch interface

Allowing for effortless first-time installation and set-up, with guided commissioning and set up wizard and easy to follow navigation

Familiar footprint and external layout

Retaining the same case dimensions, boiler footprint, flue position and pipe connections for an effortless like-for-like swap

Automatic LPG conversion on most outputs*

Completed in minutes using the new intuitive interface, with no additional parts required

*excluding ecoTEC plus 840, 940 and 635

New IoniDETECT technology

Intelligent gas combustion monitoring, helping the new ecoTEC plus reach wider modulation range of up to 1:10, for even greater system efficiency

Sharpened intelligence with linBUS technology

Intelligent component monitoring for greater visibility of key component performance

Compatible with all Vaillant accessories and technologies

Including most of our range of controls (excluding timeSWITCH 150 and timeSWITCH 160), flues, Boiler Protection Kits and renewable heating systems



For more information please contact your Regional Business Manager.



Effortless installation



The new ecoTEC plus uses the same / enhanced fittings and accessories as the previous model, so upgrading is straightforward

The new ecoTEC plus features:

- Same footprint as its predecessor
- Same pipe layout
- Same enhanced fittings and connections
- Same flue and control systems.

Easy access

All components can be accessed for service and maintenance from the front of the boiler by simply removing the front cover.

Enhanced control



The new semi-touch user interface makes set-up and operation easy and intuitive

- Intuitive menus mirror Vaillant senso controls
- Guided commissioning and set-up wizard for easy installation
- Fingertip control
- Select or convert to LPG directly from the user interface
- Smart home ready
- Built in time programmer activated when using sensoROOM pure (VRT50/2)*

Heightened performance

73



IoniDetect ionisation technology consistently monitors the quality of the gas entering the system

IoniDetect ensures:

- Most efficient combustion
- Most effective performance
- Less wear and tear
- H2 prepared - tested and certified to work safely and efficiently with up to 20% hydrogen mix



Unlock the full potential

of our Smart Home Ready boiler

myVAILLANT connect gateway

73



Easy connection of the myVAILLANT connect internet gateway allows for remote app-based control of the boiler and heating system

- A new plug and play internet gateway for effortless installation
- The myVAILLANT connect internet gateway can also be connected by the homeowner if they decide they want connectivity at a later stage
- The new gateway enables a whole host of smart control functions when paired with one of our smart thermostats

Description	Article number
myVAILLANT connect internet gateway	0010037346

Our controls

Unlock the full potential with our connected packages

Vaillant controls speak a dedicated language - one that lets them do more than turn a boiler on and off. This enables constant precision control, so there's no wastage, more power, increased efficiency, and cost saving for your customers.

myVAILLANT connect internet gateway



Acts as both internet gateway and control (ErP Class III) providing the homeowner with access to myVAILLANT app

Description	Article number
myVAILLANT connect internet gateway	0010037346

myVAILLANT connect and sensoROOM (VRT51f)



This digital thermostat has a familiar dial to provide an easy interface to manage the heating system

Description	Article number
sensoROOM	0010038369

myVAILLANT connect and sensoHOME RF






Controls with simplicity in mind. They sync seamlessly with any Vaillant boiler, for precise control for increased energy efficiency and ease of use

Description	Article number
sensoHOME RF	0010038370

Product information

Phase-in information

Vaillant product portfolio

Segment	ecoTEC exclusive VUW		<ul style="list-style-type: none"> • Best-in-class wall hung gas condensing boiler with Green iQ label • Full Heat Condense (FHC) unique design. • Limited range (2 Combi, 1 system) 	NO CHANGE
	ecoTEC plus VU & VUW		<ul style="list-style-type: none"> • Proven high performing wall hung gas condensing boiler (Combi or system) for demanding users searching for comfort, performance and reliability 	NEW PRODUCT
	ecoTEC plus VUI		<ul style="list-style-type: none"> • Wall hung gas condensing combi boiler with integrated DHW tanks (14 l shift-load stored water) • High performance DHW without large storage system 	NEW PRODUCT
	ecoTEC pro & ecoFIT range		<ul style="list-style-type: none"> • Our ecoTEC pro and ecoFIT pure are wall hung gas condensing boilers addressing price sensitive segments, while delivering essential features for safe & efficient CH & DHW production with Vaillant DNA 	NO CHANGE



Phase-in information

Slimmed down range, with more flexibility

Most of the new ecoTEC plus models are now LPG convertible (excluding ecoTEC plus 840, 940 and 635). The conversion can be completed in minutes during commissioning stage, with no additional parts required, thanks to the new IoniDetect technology which continuously measures and adapts to different gas types. This allows us to streamline the range, whilst keeping it flexible for our installers needs.

Combination Boilers

Out	New
ecoTEC plus 825	ecoTEC plus 826
ecoTEC plus 832	ecoTEC plus 832
ecoTEC plus 832 (LPG)	
ecoTEC plus 835	ecoTEC plus 836
ecoTEC plus 838	ecoTEC plus 840*
ecoTEC plus 938 (combi store)	ecoTEC plus 940*

*The following models are not LPG convertible

System Boilers

Out	New
ecoTEC plus 612	ecoTEC plus 610
ecoTEC plus 615	ecoTEC plus 615
ecoTEC plus 618	ecoTEC plus 620
ecoTEC plus 618 (LPG)	
ecoTEC plus 624	ecoTEC plus 625
ecoTEC plus 630	ecoTEC plus 630
ecoTEC plus 630 (LPG)	
ecoTEC plus 637	ecoTEC plus 635

Technical information

Combination boilers

Technical data	Unit of measure	ecoTEC plus 826	ecoTEC plus 832	ecoTEC plus 836	ecoTEC plus 840	ecoTEC plus 940
Dimensions						
Boiler dimensions (HxWxD)	mm	720 x 440 x 352	720 x 440 x 352	720 x 440 x 352	720 x 440 x 386	720 x 440 x 580
Side clearance	mm	5	5	5	5	5
Top clearance (With 60/100 flue)	mm	248	248	248	248	248
Top clearance if using rear flue	mm	N/A	N/A	N/A	N/A	N/A
Bottom clearance	mm	180	180	180	180	180
Front clearance ~	mm	500	500	500	500	500
~ Can be reduced to 5mm if fitted behind removable door / panel						
Heating						
Nominal heat output range at 50/30°C (Condensing mode)	kW	2.8 - 21.2	3.9 - 26.5	4.2 - 32.2	5.0 - 32.3	5.0 - 32.3
Nominal heat output range at 80/60°C (Non-condensing mode)	kW	2.5 - 19.8	3.5 - 24.9	3.7 - 29.9	4.5 - 29.8	4.5 - 29.8
Flow temperature range (Factory setting - 75°C)	°C	30 - 85	30 - 85	30 - 85	30 - 85	30 - 85
Modulation (max/min)	1 : X	1:10.6	1:9.3	1:9.9	1:9.1	1:9.1
Domestic hot water						
Maximum heat output for water generation	kW	26.5	32.6	36.7	40.8	40.8
Lowest water pressure to operate boiler	bar	0	0	0	0	0
Lowest water flow for operation	l/min	2.0	2.0	2.0	2.0	2.0
Domestic hot water flow rate (at Δ35°C) *	l/min	10.6	13.1	14.6	16.3	16.2
Hot water output temperature range	°C	35-65	35-65	35-65	35-65	35-65

- Vaillant combi boilers are fitted with a flow regulator set to achieve a temperature rise of 42°C. This maintains comfortable bathing and showering during the colder months of the year.

Technical information

System boilers

73

Technical data	Unit of measure	ecoTEC plus 610	ecoTEC plus 615	ecoTEC plus 620	ecoTEC plus 625	ecoTEC plus 630	ecoTEC plus 635
Dimensions							
Boiler dimensions (HxWxD)	mm	720 x 440 x 352	720 x 440 x 352	720 x 440 x 352	720 x 440 x 352	720 x 440 x 352	720 x 440 x 386
Side clearance	mm	5	5	5	5	5	5
Top clearance	mm	248	248	248	248	248	248
Top clearance if using rear flue	mm	N/A	N/A	N/A	N/A	N/A	N/A
Bottom clearance	mm	180	180	180	180	180	180
Front clearance ~	mm	500	500	500	500	500	500
~ Can be reduced to 5mm if fitted behind removable door / panel							
Heating							
Nominal heat output range at 50/30°C (Condensing mode)	kW	2.8 - 10.6	2.8 - 15.9	2.8 - 21.2	3.9 - 26.5	4.2 - 32.2	5.0 - 37.7
Nominal heat output range at 80/60°C (Non-condensing mode)	kW	2.5 - 9.9	2.5 - 14.8	2.5 - 19.8	3.5 - 24.9	3.7 - 29.9	4.5 - 34.9
Flow temperature range (Factory setting - 75°C)	°C	30 - 85	30 - 85	30 - 85	30 - 85	30 - 85	30 - 85
Modulation (max/min)	1 : X	1:7.8	1:7.8	1:9.4	1:8.5	1:9.3	1:8.8
Domestic Hot Water							
Maximum heat output for water generation	kW	19.6	19.6	23.6	29.6	34.3	39.4

Thank You