

Innovative heating solutions

Energy efficiency
Compatibility
Upgradeability
Installation
The environment
Functionality
Installation
Upgradeability
Functionality
Installation



InTec

High efficiency boilers



InTec

Everything you and your customers want



In every way imaginable, you'll find our new InTec models are some of the most advanced and innovative boilers available today.

Nothing has been taken for granted with this range. We've looked at the aspects of a boiler that most affect you and your customers – including energy efficiency, price and ease of operation – listening all the way to the 'dislikes' as well as the 'likes' of what's currently available.

The result is InTec, a collection of boilers that are quite simply among the very best heating appliances money can buy.

This new range provides installers and homeowners with tremendous choice. With a selection of different boiler types available in a variety of outputs, there's an InTec heating appliance to suit every situation.

Compatibility

To enhance compatibility and avoid complicating the installation process, InTec models share certain key elements with our existing boiler range.

- Case design, dimensions and pipe positions identical to other Alpha boilers, making them ideal for replacement situations
- Can be fitted with PremierPack wall-mounting jig, which adds a further two years parts and labour cover to the standard boiler guarantee
- Will operate with existing Alpha controls as well as new range designed for InTec
- System boilers include an alternative option to Y and S plan, allowing use of a smaller hot water cylinder, with a quicker recovery time

Upgradability

With the help of a PCB capable of accepting an optional relay board, InTec appliances are ready to accept various system upgrades – now or at any point in the future.

- A second circulating pump can be utilised to increase power
- Alternatively, this allows the use of dedicated pumps for domestic hot water and central heating
- Two separate heating zones can be served
- An external weather probe and a modulating remote control can be fitted

Functionality

Thanks to InTec's new control panel, heating appliances have never been easier to set and control.

- LCD screen displays more detailed heating and hot water information, including actual temperatures and set temperatures
- Display can be used during commissioning of the boiler
- Detailed fault codes enable problems to be more easily identified and rectified

Installation, servicing and maintenance

With InTec, we've made it a priority to make life easier for heating engineers.

- Grundfos pump and hydroblock assembly has fewer joints and connections
- Low voltage components and a built-in transformer on the PCB means there's no need for a large separate transformer, helping to minimise overall boiler weights
- NTCs on the front of pipes
- Front-mounted expansion vessel valve
- One-piece diverter valve which is easy to replace, push and turn
- No need to isolate the water supply thanks to a clip-on temperature sensor
- For ultimate ease of installation, all stand-alone boiler models in the range are compatible with the optional PremierPack wall-mounting jig

Energy efficiency and the environment

Thanks to their outstanding energy efficiency, InTec boilers can help homeowners make a serious impact on their energy bills as well as their carbon footprint.

- 2005 SEDBUK Band 'A' rated

- Designed to achieve an 'A' rating when EuP Directive fully comes into force
- Increased 1:8 modulating range means reduced gas consumption
- Improved NOx ratings
- Low electrical consumption when operating and in standby mode

InTec X boiler



Our entry level InTec X combination boilers are very competitively priced, enabling homeowners to enjoy the advanced benefits of our new range, no matter how tight the budget is.

They come with a new LCD control panel that provides detailed heating and hot water information, making operation, servicing and maintenance even easier than before.

Case design, dimensions and pipe positions remain the same as our CD range, plus the new models continue to be compatible with our PremierPack wall-mounting jig, which adds a further two years to the boiler guarantee.

InTec X come in a choice of two fully-modulating outputs of either 24 or 28kW.



Model	DHW output (kW)	CH output (kW)	Max flow rate l/min	Dimensions (mm)	Lift weight (kg)	Standard guarantee	Guarantee with PP	LPG version
InTec 24X	24.3	20.0	10.8	720x440x300	37	2 yr	4 yr	Yes
InTec 28X	28.0	26.8	12.3	720x440x300	38	2 yr	4 yr	Yes

Features overview

- 2 year guarantee
- Valves and tails factory fitted
- Stainless steel heat exchanger
- Frost protection & daily pump kick
- LCD display on control panel
- Detailed fault codes
- Grundfos pump and hydroblock assembly
- Easy-access NTCs on front of pipes
- One-piece cartridge diverter valve
- Clip-on DHW temperature sensor
- 6 year guarantee on DHW heat exchanger



Grundfos hydroblock

The new hydroblock assembly includes a Grundfos pump and has been designed to accept a modulating pump if required in the future.



The Range

Model	Dimensions (h x l x d)	Boiler Type	Hot Water Output (kW)	Heating Output (kW)
InTec 26C	440x720x300	Combi	26	19
InTec 30C	440x720x300	Combi	29	24
InTec 34C	440x720x300	Combi	33.7	28
InTec 24X	440x720x300	Combi	24.3	20.0
InTec 28X	440x720x300	Combi	28.0	26.8
InTec 12S	440x720x300	System	/	12
InTec 18S	440x720x300	System	/	19
InTec 28S	440x720x300	System	/	28
InTec 30GS	400x1000x300	Combi	26*	19
InTec 40GS	400x1000x300	Combi	33.7*	28

*plus the additional benefit of the built-in GasSaver



Stand-alone boilers

System boilers

- InTec 12S, InTec 18S & InTec 28S

Premium combination boilers

- InTec 26C, InTec 30C & InTec 34C

Entry-level combination boilers

- InTec 24X & InTec 28X

With InTec stand-alone boilers priced the same as the equivalent models in our current Next Generation range, you and your customers can enjoy all the additional benefits these cutting-edge appliances can deliver without having to pay a penny extra.

System solutions

GasSaver combi boilers – 30GS & 40GS

These feature a built-in GasSaver unit which recycles heat from the combi boiler's waste flue gases, using it to pre-heat cold mains water prior to entering the boiler. This significantly reduces the amount of gas the boiler requires to provide hot water.



FlowSmart

An optional FlowSmart cylinder can be added to either of the GasSaver boilers to create a combined wall-hung version of our popular FlowSmart system.



Controls

The new Alpha Comfort and Climatic controls are specifically designed to work with our complete range of InTec boilers.

With a host of advanced features and capabilities, they enable users to programme their heating system to suit their lifestyle and manage energy bills by optimising efficiency.

Head Office:

Nepicar House
London Road
Wrotham Heath
Kent
TN15 7RS

Scotland:

Unit 8
Crest Business Centre
2 Glen Tye Road
Stirling
FK7 7LH

Ireland:

Alpha Therm (Ireland) Ltd
Peamount Business Centre
Newcastle
County Dublin

Useful numbers:

General sales enquiries	0844 871 8760
Order/Delivery enquiries	0844 871 8761
Sales order fax	0844 871 8762
Sales order email	orders@alpha-innovation.co.uk
Training academy	0844 871 8763
Technical helpline	0844 871 8764
General enquiries (Ireland)	01 621 2939

