



WE BELIEVE OUR
RELIABILITY BUILDS
YOUR REPUTATION



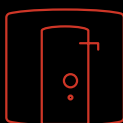
WITH OUR COMPLETE NEW BUILD SOLUTION



Ideal
Boilers



Stelrad
Radiators



Ideal
Cylinders



Design
Stage SAP



Design
Service



364 Days
a Year

WE BELIEVE IN PRODUCING ENERGY
EFFICIENT PRODUCTS

WE BELIEVE IN BEING THE SPECIFIER'S
FIRST CHOICE FOR HEATING

WE BELIEVE IN BOILERS
YOU CAN TRUST

WELCOME TO OUR IDEOLOGY

With a range of warranties available on our award winning boilers, and 200 quality checks before they leave our factory - reliability is always guaranteed.

At Ideal Boilers, with over 100 years of manufacturing experience, we pride ourselves on offering a wide range of domestic and commercial heating products designed specifically with the UK market in mind.

Working with Ideal means you get quality and reliability as standard; our range of boilers has been awarded the Good Housekeeping reader recommended status for a number of years.



Steve Young
Sales Director New Build

Customer Service:

01482 498660

Technical Help:

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E: enquiries@idealboilers.com

The information in this brochure was correct at the time of going to print. Ideal Boilers reserve the right to make any modifications to product specifications or any other details, without prior notification. For further clarification, please enquire in writing to the head office address above.

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 **GROUPE
ATLANTIC**
UK, ROI & NORTH AMERICA DIVISIONS

THE IDEAL PACKAGE

Our new build development package combines design, energy certification and our high efficiency boilers and radiators as one solution, providing you with the most effective answer to meet Building Regulations compliance.

Designed to support you

Our in-house design teams are based at Ideal Centres of Excellence in Leeds and Hull. Once our team have found the right products for your development, designed your system and achieved SAP ratings, a full plan will be provided.

This will include the following:

- Full schedule of equipment (boilers, radiators & ancillary components required)
- Detailed layout drawings showing boiler and radiator positions
- Pipe runs and their required sizes for both the heating and domestic water services
- A typical diagrammatic sketch of the arrangement between the boiler and cylinder cupboard
- A comprehensive general specification
- A system guarantee will also be included
- £2 million of professional indemnity insurance and collateral warranties are available upon request subject to agreement



WE BELIEVE IN INDUSTRY LEADING CUSTOMER SERVICE



At Ideal Boilers, we are committed to delivering the highest level of customer service. With more than 100 years' experience in the heating industry, we know how important confidence and trust are to our customers.



With a range of tools to help you grow your business, Ideal is on hand to ensure you have the support you need. Our dedicated customer service department is available 364 days a year.



We also have a team of expert engineers, fully trained to exacting standards and Gas Safe registered, on hand to provide one-to-one advice on the road, over the phone or online ensuring you're fully supported, wherever and whenever you need.

Here when you need us

OUR CALL CENTRE

Trained staff will assist with enquiries or help diagnose and resolve faults over the telephone. If a resolution is not reached over the phone, an engineer visit will be arranged at a time convenient to you or your customers.



OUR ENGINEERS

All Ideal Boilers' engineers have expertise across our full range and are trained to the highest possible standards, including all being Gas Safe Registered.



OUR SITE VISITS

We endeavour to make all visits within 1 day of receiving a call for boilers and 3 working days for solar products. On the day of the scheduled visit, the appointed engineer will telephone between 8am and 9am to confirm the time of their arrival.

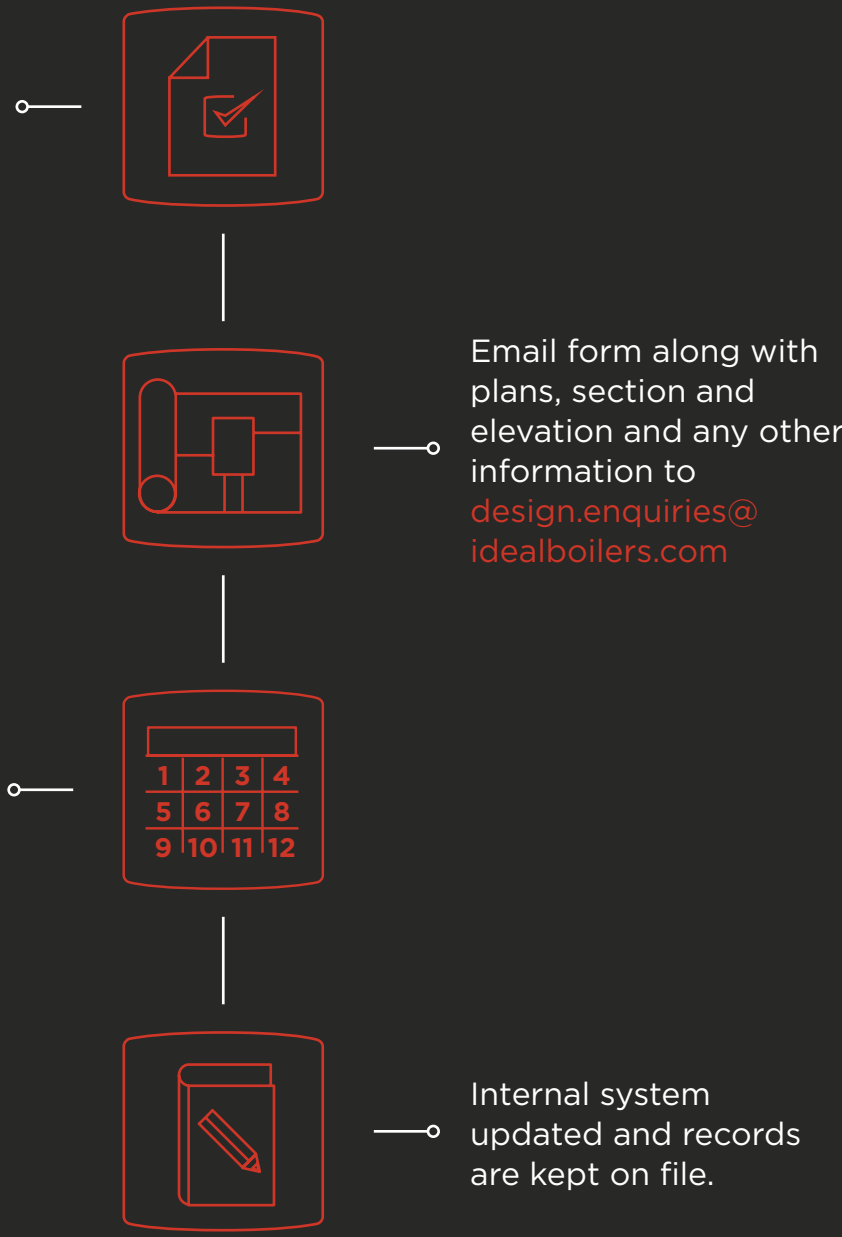


YOUR PEACE OF MIND

During the engineer's visit the engineer will fully explain any actions taken and in the event of any further work that needs to be done the team will keep you fully informed throughout. All letters and emails will be replied to within five working days.

The design process

Complete developer checklist available for download at www.idealboilers.com or via design.enquiries@idealboilers.com



For more information on the design process, please contact: design.enquiries@idealboilers.com

Developer Checklist



As part of the design process, a Developer Checklist will need to be completed. The target turnaround time for designs is 20 working days from the receipt of suitably scaled final working drawings and a completed Developer Checklist. The details and information you will need to complete the Developer Checklist are listed below.

Once complete please submit along with drawings in Revit/gbXML files or individual DXF/DWG files per individual floor plan with essential layers only to design.enquiries@idealboilers.com. Drawings can be sent in PDF format though this may delay the design process.

As part of our design service, we are able to incorporate underfloor heating designs into a mixed heating design of radiators and underfloor heating and will provide the appropriate overall heat loss calculations and optimal choice of boiler solution.

- ✓ Client details
- ✓ Site/developer details
- ✓ Housing Association specification
- ✓ Drawing details
- ✓ Product details
 - Boilers
 - Radiators
 - Ancillary equipment
- ✓ Design criteria (temps and “U” values)
- ✓ System criteria (type of system manifold)
- ✓ Zoning and Building Regulations compliance requirements
- ✓ Renewable requirements
- ✓ Any other special requirements

The Developer Checklist can be downloaded from our website www.idealboilers.com

Developer Connect

Developer Connect is the online portal from Ideal Boilers that enables you to manage your boiler warranties and gas safe registrations from one online portal.



Your team can quickly and easily register the warranties for your boilers.



One online portal to keep track of all boiler registrations.



Free gas safe registrations, easy Building Regulations compliance, absolutely free



Once set up you will have access to your previous boiler registration details to hand whenever you need them.



Industry leading customer service to support you when you needs us.

Energy related products package label

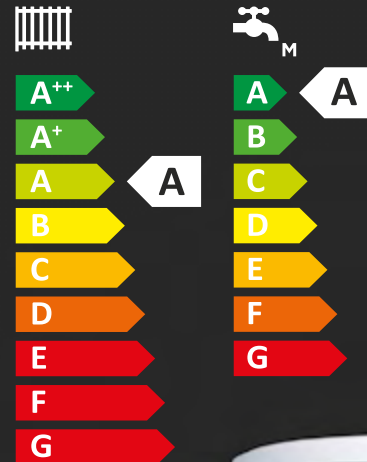


WHAT IS THE 'PACKAGE LABEL'?

The ErP package label shows the efficiency of the boiler and/or controls, solar devices, etc if all installed together. Installers complete a package label after installation of one or more products (e.g. boiler, control + cylinder).

HOW IS THE PACKAGE LABEL COMPLETED?

The package label is completed by adding together the seasonal efficiencies of all products installed in the system. All product guides show a 'product fiche' which have all of the information needed to complete the package label. In addition, our online system efficiency calculator and package label generation tool features 'pick lists' containing all Ideal Boilers and controls, as well as general control classes in case our installers are fitting a non-Ideal brand control.

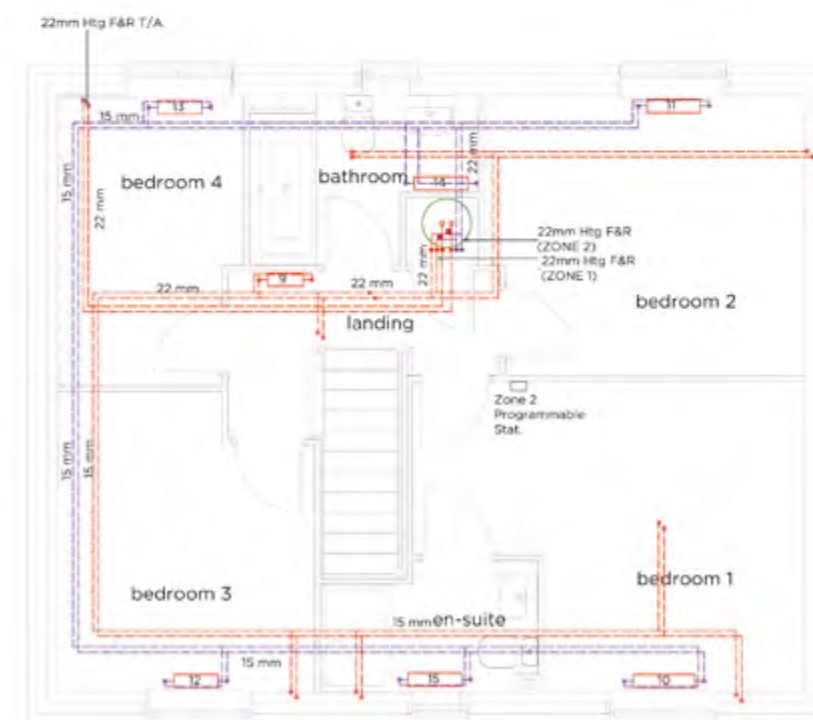


Design samples

The example house design shows a dwelling with time and temperature zone control. Heating and hot water is provided by a heat only boiler with an unvented hot water cylinder.

GROUND FLOOR

The heat only boiler is located in the utility room. Radiator locations are also indicated and will be sized according to the heating requirement of the dwelling.



FIRST FLOOR

The first floor plan will indicate the location of the hot water cylinder, pipework route and radiator locations. All aspects will be sized in accordance with NHBC standards and good design practice.

The design team can tailor designs to meet the developers specific needs and technical requirements.

WE BELIEVE IN ENERGY EFFICIENCY

Incorporating high efficiency boilers and controls into low efficiency buildings leads to a better performing housing stock. This can reduce the financial burden on the house builder that requires additional ‘bolt-on’ technology to meet building regulations.

MINISTERIAL STATEMENT - MARCH 2015

For the specific issue of energy performance, local authorities will continue to be able to set and apply policies in their Local Plans which require compliance with energy performance standards that exceed the energy requirements of Building Regulations until commencement of amendments to the Planning and Energy Act 2008. Until the amendment is commenced, we would expect local planning authorities to take the government’s intention into account in applying existing policies and not set conditions with requirements above a Code Level 4 equivalent.

HOW CAN WE HELP?

Planning Authorities are unable to ask for an energy standard higher than 19% better than the current 2013 building regulations, (equivalent to CfSH Code 4).

However, existing renewable and low carbon policies can still be applied. In this instance an energy statement is required to prove the renewable or low carbon requirement has been met through design. Ideal Boilers, together with our partners Briary Energy, are able to provide this service, to resolve planning conditions of this nature.



Partnered with Ideal our independent SAP Solution consultants Briary Energy can offer you a complete value-engineered solution to meet Building Regulations Compliance.

Our aim is to give you the most cost effective solution for your build, including building fabric, U-value calculations, thermal bridging, ventilation, heating and renewables.

As part of the Ideal Package, we will keep you up to date with the latest legislation helping you keep ahead of the game. We can even promise any question will be answered within 24 hours.

Our technical customer service team is also available 364 days a year to offer any advice and support on queries once your development is complete.



SAP PCDB Reference Guide

NOx CLASS 6 & ErP

From August 2018 all Ideal domestic boilers are now rated as NOx class 6, where-as they used to be class 5. NOx class 6 comes into effect in September and is a mandatory requirement under ErP 2018.

NOx levels are particularly important in the new build sector when BREEAM is used as best practice. BREEAM gives up to 3 extra credits for low NOx emissions from space heating:

- ≤ 100mg/kWh = 1 credit
- ≤ 70mg/kWh = 2 credits
- ≤ 40mg/kWh = 3 credits

BREEAM uses Net CV NOx levels, so the 40mg/kWh Net CV for 3 credits equates to 36mg/kWh Gross CV. Hence most Ideal domestic boilers, including all Logic models, will qualify for 3 additional credits.

SAP INDEX	BRAND NAME	MODEL NAME	NOx Emissions (mg/kWh)	NOx Class
LOGIC COMBI ESP1				
17955	Ideal Boilers	Logic Combi ESP1 24	28	Class 6
17956	Ideal Boilers	Logic Combi ESP1 30	25	Class 6
17929	Ideal Boilers	Logic Combi ESP1 35	30	Class 6
LOGIC HEAT H				
18040	Ideal Boilers	Logic Heat H12	10	Class 6
18041	Ideal Boilers	Logic Heat H15	21	Class 6
18042	Ideal Boilers	Logic Heat H18	24	Class 6
18043	Ideal Boilers	Logic Heat H24	28	Class 6
18044	Ideal Boilers	Logic Heat H30	24	Class 6
LOGIC SYSTEM S				
18045	Ideal Boilers	Logic System S15	21	Class 6
18047	Ideal Boilers	Logic System S18	24	Class 6
18049	Ideal Boilers	Logic System S24	28	Class 6
18051	Ideal Boilers	Logic System S30	26	Class 6
LOGIC CODE COMBI ESP1				
18121	Ideal Boilers	Logic Code Combi ESP1 26	23	Class 6
18122	Ideal Boilers	Logic Code Combi ESP1 33	26	Class 6
18123	Ideal Boilers	Logic Code Combi ESP1 38	30	Class 6
LPG MODELS (LPG Conversion Kit required)				
18067	Ideal Boilers	Logic Combi ESP1 30P	-	Class 6
18060	Ideal Boilers	Logic Combi ESP1 35P	-	Class 6
18068	Ideal Boilers	Logic Heat H24P	-	Class 6
18061	Ideal Boilers	Logic Heat H30P	-	Class 6
18064	Ideal Boilers	Logic System S30P	-	Class 6
18124	Ideal Boilers	Logic Code Combi ESP1 33P	-	Class 6
18125	Ideal Boilers	Logic Code Combi ESP1 38P	-	Class 6
COMPENSATION CONTROLS				
200005	Ideal Boilers	OS2 (Weather Compensation)NG	-	Class 6
200052	Ideal Boilers	Touch (Single Zone)NG	-	Class 6
200062	Ideal Boilers	OS2 (Weather Compensation)LPG	-	Class 6
200061	Ideal	Touch (Single Zone) LPG	-	Class 6

WE BELIEVE IN PROVIDING QUALITY PRODUCTS

Our reliable range of combi, system and heat boilers are available with flexible warranties which mean they can be the ideal match for many homes.

Along with our award winning range of Logic boilers we can also offer you a complete heating package. With a range of cylinders, HIUs, renewables and a range of radiators from our partner Stelrad.



Logic Combi ESP1

24 30 35



Flexible warranties available, 2 years as standard



Compact cupboard fit



Digital display



Frost protection



Add a weather compensation kit for greater efficiency.



High SAP ratings, making it easier to achieve your TER



Easy to see pressure gauge



Opentherm ready



Flue variants



LPG conversion**



ErP compliant



NOx class 6



Available in a choice of three outputs of 24, 30 and 35 kW, the Logic Combi ESP1 range of combination boilers from Ideal Boilers, provides a hassle free and simple solution for today's new build housing market.

Complementing the existing Logic range, the Logic Combi ESP1 design is optimised for new build compliance following the SAP 2009/2012 design procedure. This is particularly beneficial for new build properties.

A quick installation is assured thanks to a wide range of flueing options, fast fix flue turret connections and no need for compartment ventilation allowing this product to be installed out of sight in a standard kitchen cupboard*. The Logic Combi ESP1 is fully modulating, built with tried and tested technology.

Featuring a simple diagnostics display, the Logic Combi ESP1 range is compatible with a range of optional timers for the ultimate in control and peace of mind.

AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status in 2013, 2017 and 2018 for outstanding product features that left customers wanting to recommend Ideal Boilers to their friends and families.



OPENTHERM READY BOILERS

Our Logic boilers are all Opentherm ready as standard. This means you can fit any of our range of boilers, with the smart control of your choice. Giving you the freedom to choose the best option for your development and for your budget.

FEATURES AND BENEFITS

- Easy to see pressure gauge
- Large backlit display with user friendly controls
- Low lift weight (starting from 28.9kg)
- Low component count maximising reliability
- Complete range of Logic combination boilers for new build developers
- Achieves improved SAP and DER performance for standard combination boiler usage
- 75mm deep translucent condensate siphon
- Fully modulating operation to low outputs
- Automatic bypass

RELIABLE

- Energy Saving Trust endorsed
- NOx Class 6
- Boiler frost protection
- Built-in, easy to use filling loop
- Simple diverter valve design
- Two stage flame sensing for greater reliability

EASY TO INSTALL

- Compact cupboard fit
- Fast fix flues
- Preformed copper tails
- Easy access to PRV and AAV
- Universal condensate connection
- Stand off kit including piping available
- Pre-piping kit
- Compatible with a range of additional controls inc. weather compensation
- LPG conversion kit available for 30 kW & 35 kW boilers

CONTROLS DISPLAY

- CH temperature to radiators
- Static fault codes
- Last 3 faults
- Venting function
- Change pump speed

Logic Code Combi ESP1

26 33 38



Flexible warranties available, 2 years as standard



Digital display



Frost protection



Easy to see pressure gauge



Add a weather compensation kit for greater efficiency.



Opentherm ready



Flue variants



LPG conversion**



ErP compliant



NOx class 6

Designed to take the headache out of meeting Building Regulations, the Logic Code Combi ESP1 from Ideal is a simple one box solution. Developed using state of the art advanced boiler technology, the ESP1 models optimise design for SAP and DER ratings.

Available in a choice of DHW outputs, 26, 33 and 38 kW, the Logic Code Combi ESP1, provides a perfect solution for both new build and retrofit solutions where energy efficiency is a key concern.

Developed using state of the art advanced boiler technology, the Code Combi ESP1 features a built-in stainless steel recuperator located in the flue exit, which cleverly picks up and recycles waste energy that would have normally been lost through the flue terminal. This energy is collected and used to warm up the cold hot water supply. This supply, then flows into the plate heat exchanger, where the desired temperature is reached.

The Logic Code Combi ESP1 has a NOx class 6 rating and a dedicated in-house design* and service network for developers and installers for the ultimate in peace of mind.

AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status in 2013, 2017 and 2018 for outstanding product features that left customers wanting to recommend Ideal Boilers to their friends and families.



HOW IT WORKS

- Hot water tap is opened and boiler senses flow
- Burner on
- Combustion gases heat primary water heat exchanger and flue gases exit to the flue
- Cold water from mains flows through the recuperator in the flue
- Energy from the flue gases is transferred to the incoming water
- The cooled flue gases exit the boiler
- Preheated water enters the boiler and is further heated by the secondary heat exchanger
- Hot water is produced at the tap

FEATURES AND BENEFITS

- Easy to see pressure gauge
- Large backlit display with user friendly controls
- Low lift weight (starting from 32.65kg)
- Low component count maximising reliability
- Complete range of Logic combination boilers for new build developers
- Achieves optimum SAP and DER performance for standard combination boiler usage
- Higher DHW flow rates than standard boiler – approximately 10% increase
- Built in flue gas heat recovery device
- Four optional language user instructions**

RELIABLE

- Energy Saving Trust endorsed
- NOx Class 6
- Reduced water wastage as DHW inlet is preheated
- Reduced plumbing on DHW

EASY TO INSTALL

- One single appliance to install – quick and easy
- Built-in pipework; no extra space at the side of the product needed
- Standard combination connections
- No additional maintenance requirement
- Compact and light solution for new build or retrofit installations

CONTROLS DISPLAY

- CH temperature to radiators
- Static fault codes
- Last 3 faults
- Venting function
- Change pump speed

Logic System

S15 S18 S24 S30



Flexible warranties available, 2 years as standard



Compact cupboard fit



Digital display



Frost protection



Add a weather compensation kit for greater efficiency.



Easy to see pressure gauge



Opentherm ready



Flue variants



LPG conversion**



ErP compliant



NOx class 6

High SEDBUK efficiency rating and easy to install, the Logic System range of appliances from Ideal Boilers provide a simple and reliable solution for a wide variety of sealed domestic systems.

Available in a choice of four outputs - 15, 18, 24 and 30 kW, the Logic System provides a dependable and efficient solution for new and replacement installations alike. Siting and installing a Logic System is hassle free thanks to a simple telescopic flue option. Time saving fast fix flue turret connections and a wide range of alternative flueing solutions help to ensure the product is installed quickly and efficiently in virtually any domestic situation.

With a lightweight design, concealed connections at the base and no compartment ventilation required, the Logic System can be conveniently fitted out of sight into a standard kitchen cupboard*.

The Logic System boiler provides simple heating control, all from a single compact appliance.

AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status in 2013, 2017 and 2018 for outstanding product features that left customers wanting to recommend Ideal Boilers to their friends and families.



THE PERFECT SYSTEM

The Logic System boiler is the perfect match for the new Ideal Pre-Plumbed S cylinder.

As with all Ideal products, you can be assured reliability is engineered, through quality design and testing, supported by a 25 year warranty.

Our range of pre-plumbed cylinders have been created specifically for the new build market. They offer a 'plug and play' solution which reduces installation time and standardises plumbing configuration across multiple dwelling sites.

FEATURES AND BENEFITS

- Easy to see pressure gauge
- Large backlit display with user friendly controls
- Low lift weight (26.1kg)
- Low component count maximising reliability
- Fully modulating operation down to 4.8 kW[†]
- Weather compensation kit option

RELIABLE

- Energy Saving Trust endorsed
- NOx Class 6
- Boiler frost protection
- Built-in condensate trap
- Latest generation Honeywell gas valve
- Two stage flame sensing for better reliability

EASY TO INSTALL

- Compact cupboard fit
- Wide range of flueing options
- Concealed pipe connections
- Preformed copper tails
- LPG conversion kit available^{††}
- Stand off kit and pre-pipe options
- Pre-wired mains lead
- Easy Access to PRV and AAV
- Universal condensate connection

CONTROLS DISPLAY

- CH temperature to radiators
- Static fault codes
- Last 3 faults
- Venting function
- Change pump speed

Logic Heat

H12 H15 H18 H24 H30



Flexible warranties available, 2 years as standard



Compact cupboard fit



Digital display



Frost protection



Add a weather compensation kit for greater efficiency.



Rear flue output option



Opentherm ready



Flue variants



LPG conversion**



ErP compliant



NOx class 6

Incorporating the latest in heating design and technology, the Logic Heat is an outstanding heat only solution for both new build and replacement installations alike. Available in the choice of five outputs - 12, 15, 18, 24 & 30 kW, the Logic Heat will deliver total home comfort for a wide range of domestic properties.

Suitable for open vent and sealed systems, the Logic Heat boiler is straightforward to site and install. Benefiting from no compartment ventilation, compact fit, and a lightweight design means the boiler can be neatly installed out of sight into a kitchen cupboard*. Installers have the further choice of a neat direct rear flue option as required, helping to speed up the installation in retro fit situations even further.

High SEDBUK efficiency rated and capability of modulating down to 4.8 kW**, the Logic Heat is highly efficient and easy to operate thanks to straightforward controls featuring a clear digital display.

The Logic Heat is a reliable and efficient heat only solution for domestic installations.

AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status in 2013, 2017 and 2018 for outstanding product features that left customers wanting to recommend Ideal Boilers to their friends and families.



THE PERFECT HEAT SYSTEM

The Logic Heat boiler is the perfect match for the new Ideal Pre-Plumbed H cylinder.

As with all Ideal products, you can be assured reliability is engineered, through quality design and testing, supported by a 25 year warranty.

Our range of pre-plumbed cylinders have been created specifically for the new build market. They offer a 'plug and play' solution which reduces installation time and standardises plumbing configuration across multiple dwelling sites.

FEATURES AND BENEFITS

- Large backlit display with user friendly controls
- Low lift weight (22.7kg)
- Low component count maximising reliability
- Fully modulating operation down to 4.8 kW**
- Weather compensation kit option
- Water flow sensor
- Four optional language user instructions†

RELIABLE

- Energy Saving Trust endorsed
- NOx Class 6
- Boiler frost protection
- Two stage flame sensing for greater reliability
- Latest generation Honeywell gas valve

EASY TO INSTALL

- Compact cupboard fit
- Direct 80mm diameter rear flue option
- Wide range of flueing options
- Top system connections
- 75mm deep translucent condensate siphon
- Stand off kit
- Terminal wall plate kit
- Security bracket kit
- Low minimum head requirement
- LPG conversion kit available for 24 kW & 30 kW boilers

CONTROLS DISPLAY

- CH temperature to radiators
- Static fault codes
- Last 3 faults
- Venting function
- Change pump speed

Controls & Accessories



Touch Connect Smart Thermostat*

(Part No. 216131)
ErP: Class 6, 4% additional efficiency.

Touch Connect is the app controlled thermostat from Ideal Boilers, offering total heating comfort directly from your smartphone. Compatible with current Ideal boilers range.



Touch RF radio frequency controlled heating*

(Touch RF Combi Part No. 212862)
(Touch RF Heat & System Part No. 214216)
ErP: Class 5, 3% additional efficiency.

As part of our Touch family we have an RF electronic thermostat available to work with a Combi, or System and Heat only boilers. The Touch RF thermostats feature a full colour touch screen, and a sleek and easy to use design.



Weather Compensation

(Part No. 216119)
ErP: Class 2, 2% additional efficiency

Provides flow temperature adjustment to the central heating system in relation to the outside temperature to give improved heating system efficiency and savings to the customer



Portable wireless thermostat



App controlled heating



Stylish aesthetics and easy to use



Quick and easy to install



Measure outdoor weather to improve boiler efficiency

LPG KIT

With kits available for natural gas to LPG conversions, these quick to install accessories provide a simple and pragmatic solution without the need for products to be adjusted.

Each kit contains specific components for each required boiler type.

KEY FEATURES

- Available for all product types (combi, heat & system)
- Suitable for most property sizes
- Fast & simple conversion with preset gas valve for no product adjustment

APPLICABLE MODELS

- Logic Code Combi ESP1 33 & ESP1 38
- Logic Combi ESP1 30 & ESP1 35
- Logic Heat H24 & H30
- Logic System S30

SPECIFICATION

BOILER MODEL	COMBI ESP1 30	COMBI ESP1 35	CODE COMBI ESP1 33	CODE COMBI ESP1 38
Min. output (kW)	8	8.7	8.7	8.7
Max. output (kW)	24.2	24.2	24.2	24.2
Max DHW output (kW)	30.3	35.3	32.7	38.2

BOILER MODEL	HEAT H24	HEAT H30	SYSTEM S24IE	SYSTEM S30
Min. output (kW)	8	8	8	8
Max. output (kW)	24.2	30.3	24.2	30.3
Max DHW output (kW)	N/A	N/A	N/A	N/A

NATURAL GAS TO LPG KIT CONTENTS

EACH KIT COMPRISES:

- Gas valve (preset operation)
- Burner injector
- Data plate labels
- Instructions

Use of a preset gas valve ensures that set up is simple and easy, reducing commissioning time. Two data plate labels are provided in the kits inclusive of a new data plate providing LPG details and a label to retain boiler serial number identity.

NG-LPG CONVERSION KIT	PRODUCT CODE
LOGIC CODE COMBI ESP1 33	215753
LOGIC CODE COMBI ESP1 38	215754
LOGIC COMBI ESP1 30	216423
LOGIC COMBI ESP1 35	215752
LOGIC HEAT H24	215741
LOGIC HEAT H30	215742
LOGIC SYSTEM S30	215745



Ideal Pre Plumbed S

120 150 180 210 250 300

2

Year parts warranty

25

Year vessel warranty



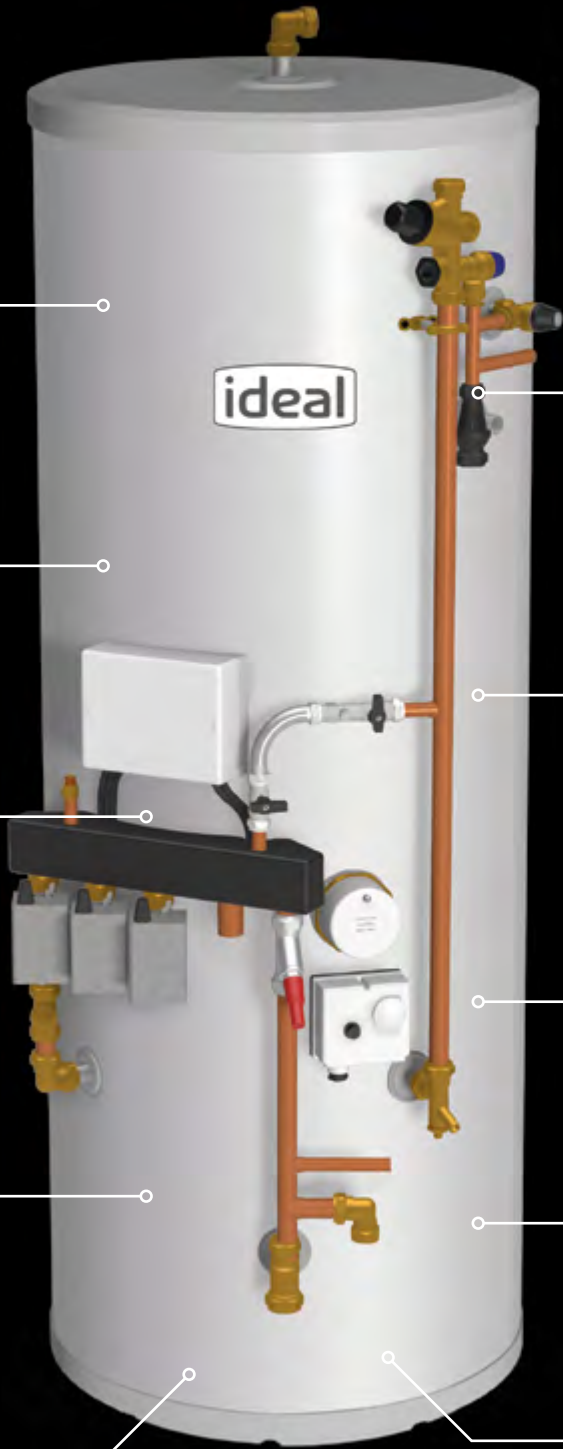
Indirect models available



Pre-plumbed kit guarantees standardised pipe configuration for efficient installations



Wider base for additional stability



Tappings vertically aligned for easier pipework connections



Designed to be fitted with system boilers



Quality components ensure a reliable, durable product



Low standing heat loss

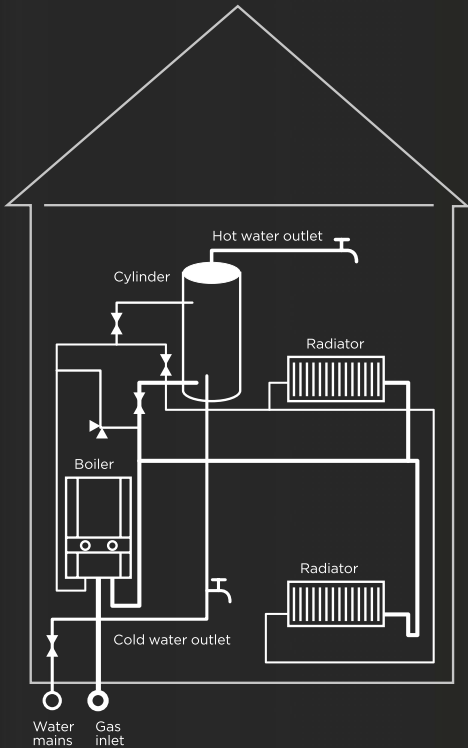


ErP compliant

Our range of pre-plumbed cylinders have been created specifically for the new build market. They offer a ‘plug and play’ solution which reduces installation time and standardises plumbing configuration across multiple dwelling sites.

STANDARD APPLIANCE

- Hot water draw off (22mm), including elbow
- 22mm cold supply
- Combination inlet group incorporating pressure reducing valve, strainer, check valve, balance cold take off point, expansion relief valve and expansion vessel connection points.
- Pressure and temperature relief valve 89 - 96°C/6 bar
- Connection for heating expansion relief valve
- Tundish
- Hot water secondary return 22mm
- Cold feed assembly
- Immersion heater 1³/₄" BSP 3kW
- Wiring junction box
- Manifold assembly
- Central heating zone 1 (22mm)
- Central heating zone 2 (22mm)
- Boiler flow (28mm)
- Dual control/overheat stat (22mm)
- Drain valve
- Connection for heating expansion vessel
- Central heating return (22mm)
- Boiler return (28mm)
- Filling loop
- Manual air vent
- Hot water zone valve
- System pressure operated bypass
- Balancing valve



		IDEAL PRE-PLUMBED S					
CYLINDER MODEL		120	150	180	210	250	300
SIZE	Height (mm)	931	1118	1306	1494	1744	1990
	Diameter (mm)	550	550	550	550	550	550
	Weight (empty) (kg)	33	36	41	44	49	54
	Weight (full) (kg)	152	184	219	252	297	341
	Capacity (litres)	119	148	178	208	248	287
PERFORMANCE	Pressure regulator (bar)	3	3	3	3	3	3
	Expansion vessel size (litres)	12	18	18	24	24	35
	Rating of primary coil (kW)	18.0	18.5	19.0	20.5	21.5	25.0
	Heat up time from 15°C to 60°C (min)	21	25	30	32	36	38
	Efficiency class	B	B	B	B	C	C
	Heat loss (watts)	39	47	55	62	74	86

Ideal Pre Plumbed H

120 150 180 210 250 300

2

Year parts warranty

25

Year vessel warranty



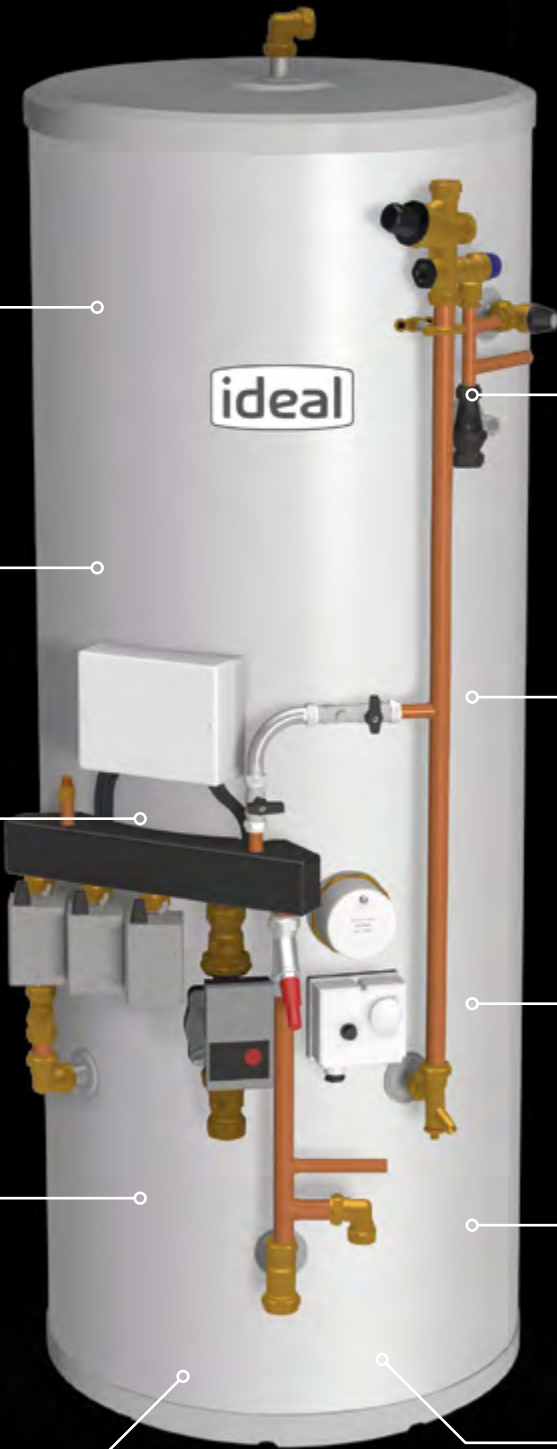
Indirect models available



Pre-plumbed kit guarantees standardised pipe configuration for efficient installations



Wider base for additional stability



Tappings vertically aligned for easier pipework connections



Designed to be fitted with heat only boilers



Quality components ensure a reliable, durable product



Low standing heat loss

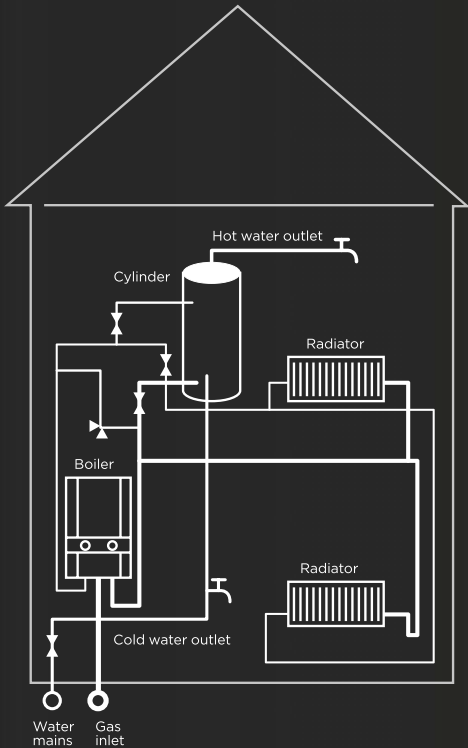


ErP compliant

Our range of pre-plumbed cylinders have been created specifically for the new build market. They offer a ‘plug and play’ solution which reduces installation time and standardises plumbing configuration across multiple dwelling sites.

STANDARD APPLIANCE

- Hot water draw off (22mm), including elbow
- 22mm cold supply
- Combination inlet group incorporating pressure reducing valve, strainer, check valve, balance cold take off point, expansion relief valve and expansion vessel connection points.
- Pressure and temperature relief valve 89 - 96°C/6 bar
- Connection for heating expansion relief valve
- Tundish
- Hot water secondary return 22mm
- Cold feed assembly
- Immersion heater 1^{3/4}" BSP 3kW
- Wiring junction box
- Manifold assembly
- Central heating zone 1 (22mm)
- Central heating zone 2 (22mm)
- Boiler flow (28mm)
- Dual control/overheat stat (22mm)
- Drain valve
- Connection for heating expansion vessel
- Central heating return (22mm)
- Boiler return (28mm)
- Filling loop
- Manual air vent
- Hot water zone valve
- System pressure operated bypass
- Balancing valve
- Low energy consumption circulation pump



		IDEAL PRE-PLUMBED H					
CYLINDER MODEL		120	150	180	210	250	300
SIZE	Height (mm)	931	1118	1306	1494	1744	1990
	Diameter (mm)	550	550	550	550	550	550
	Weight (empty) (kg)	33	36	41	44	49	54
	Weight (full) (kg)	152	184	219	252	297	341
	Capacity (litres)	119	148	178	208	248	287
PERFORMANCE	Pressure regulator (bar)	3	3	3	3	3	3
	Expansion vessel size (litres)	12	18	18	24	24	35
	Rating of primary coil (kW)	18.0	18.5	19.0	20.5	21.5	25.0
	Heat up time from 15°C to 60°C (min)	21	25	30	32	36	38
	Efficiency class	B	B	B	B	C	C
	Heat loss (watts)	39	47	55	62	74	86

Ideal Thermstore

180 210 250 300 400

2

Year parts warranty

25

Year vessel warranty



Duplex stainless steel construction



Rubber connection labels with retention foam



Wider base for additional stability

MORE FEATURES

- Corrugated heat transfer coil to give 20% faster recovery than plain tube
- Complete with all quality fittings according to model
- Manufactured in accordance with BS EN 12897



New flat top & base with 20% more HCFC insulation



Aligned tapping positions for ease of installation



Low standing heat loss

kg

Lightweight for easy installation



Colour matched components

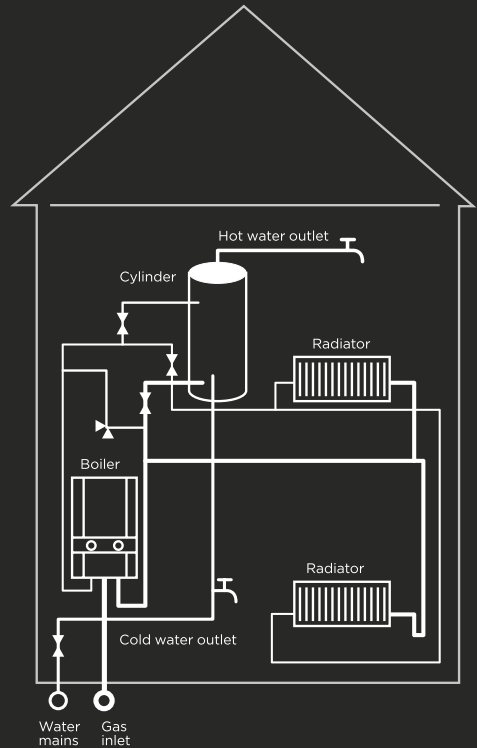
A

ErP compliant

The Ideal Thermstore range of stainless steel unvented indirect cylinders are manufactured to the highest standards. The range features 8 models and 2 years parts and labour warranty so you can be sure the Thermstore combines the twin demands of excellent product quality and outstanding value.

STANDARD APPLIANCE

- Hot water draw off 22mm compression
- Temperature and pressure relief valve 92-95°C/6 bar
- Hot water secondary return 22mm (not fitted to cylinders below 210 litres)
- Immersion heater 1½" BSP 3kW
- Cold supply 22mm compression
- Dual control/overheat thermostat pocket
- Boiler control sensor pocket (spare)
- Primary flow 22mm compression - (28mm tails for 400 litre model only)
- Primary return 22mm compression - (28mm tails for 400 litre model only)



STANDARD APPLIANCE COMPONENTS

- Combination inlet group incorporating pressure reducing valve, strainer, check valve, balanced cold take off point, expansion relief valve and expansion vessel connection points
- Potable expansion vessels complete with flexible hose and wall bracket
- Tundish
- Dual control thermostat and combined overheat thermostat
- Two port 22mm zone valve for primary circuit
- Wiring junction box for primary system



CYLINDER MODEL

		IDEAL THERMSTORE							
SIZE	Height (mm)	90	120	150	180	210	250	300	400
	Diameter (mm)	764	931	1118	1306	1494	1744	1990	2030
	Weight (empty) (kg)	550	550	550	550	550	550	550	630
	Weight (full) (kg)	20	23	26	30	33	38	43	55
	Capacity (litres)	111	142	174	208	241	286	330	455
PERFORMANCE	Pressure regulator (bar)	91	119	148	178	208	248	287	393
	Expansion vessel size (litres)	3	3	3	3	3	3	3	3
	Rating of primary coil (kW)	12	12	18	18	24	24	35	2 x 24
	Heat up time from 15°C to 60°C (min)	16.5	18.0	18.5	19.0	20.5	21.5	25.0	30.5
	Efficiency class	17	21	25	30	32	36	38	41
	Heat loss (watts)	A	B	B	B	B	C	C	C
		32	39	47	55	62	74	86	87

Ideal Solar Thermstore

180 210 250 300 400

2

Year parts warranty

25

Year vessel warranty



Duplex stainless steel construction



Rubber connection labels with retention foam



Wider base for additional stability

MORE FEATURES

- Corrugated heat transfer coil to give 20% faster recovery than plain tube
- Complete with all quality fittings according to model
- Manufactured in accordance with BS EN 12897



New flat top & base with 20% more HCFC insulation



Aligned tapping positions for ease of installation



Low standing heat loss

kg

Lightweight for easy installation



Colour matched components

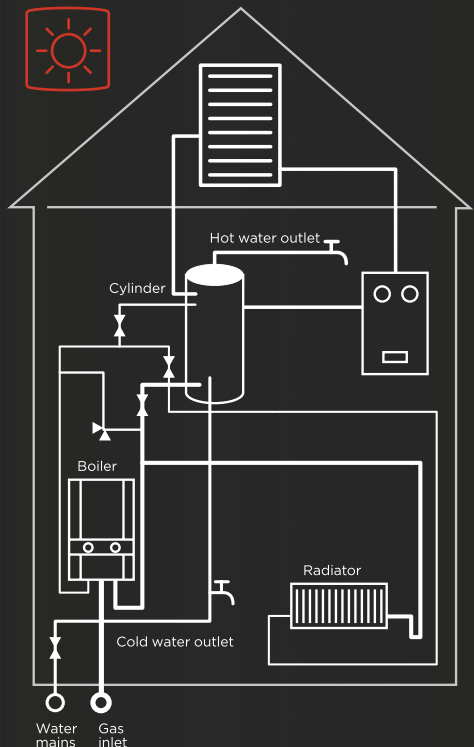
A

ErP compliant

To complement solar thermal products, the Ideal Solar Thermstore range of unvented cylinders is now available. With a choice of five sizes, all of which come complete with a 2 year warranty, the Ideal Solar Thermstore range is certain to suit your cylinder needs no matter the situation.

STANDARD APPLIANCE

- Hot water draw off 22mm compression
- Temperature and pressure relief valve 92-95°C/6 bar
- Hot water secondary return 22mm (not fitted to 180 litre cylinders)
- Immersion heater 1½" BSP 3kW
- Cold supply 22mm compression
- Dual control/overheat thermostat pocket
- Primary flow 22mm compression - (28mm tails for 400 litre model only)
- Primary return 22mm compression - (28mm tails for 400 litre model only)
- Solar coil return to collector 22mm compression
- Solar coil flow from collector 22mm compression
- Solar thermostat pocket



STANDARD APPLIANCE COMPONENTS

- Combination inlet group incorporating pressure reducing valve, strainer, check valve, balanced cold take off point, expansion relief valve and expansion vessel connection points
- Potable expansion vessels complete with flexible hose and wall bracket
- Tundish
- Dual control thermostat and combined overheat thermostat
- Two port 22mm zone valve for primary circuit
- Wiring junction box for primary system



		IDEAL SOLAR THERMSTORE				
CYLINDER MODEL		180	210	250	300	400
SIZE	Height (mm)	1306	1494	1744	1990	2030
	Diameter (mm)	550	550	550	550	630
	Weight (empty) (kg)	31	35	40	44	59
	Weight (full) (kg)	209	243	288	331	459
	Capacity (litres)	178	208	248	287	393
PERFORMANCE	Pressure regulator (bar)	3	3	3	3	3
	Expansion vessel size (litres)	18	24	24	35	2 x 24
	Rating of primary coil (kW)	18.0	18.5	19	20.5	22
	Heat up time from 15°C to 60°C (min)	28	35	38	41	45
	Efficiency class	B	B	C	C	C
	Heat loss (watts)	55	62	74	86	87

Ideal Logic HIU

2
YEAR WARRANTY*



Designed to work with centralised systems



1 heating system multiple homes



Electronic controls ensure maximum efficiency



Thermally insulated casings



Bespoke design service available

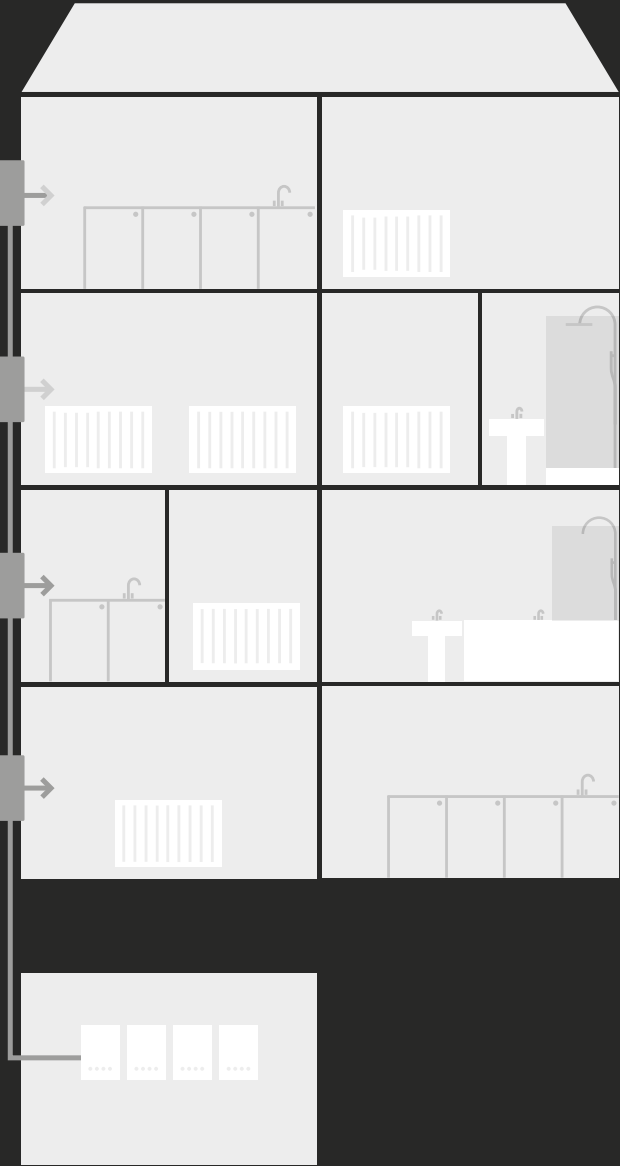
The Ideal Heat Interface Units are heat energy transfer units. Designed for use in conjunction with centralised boilers, district heating or central energy systems. The function is to efficiently transfer heat from the plant room to the individual dwellings central heating (CH) and domestic hot water (DHW) systems.

Ideal HIUs incorporate an internal electronic control unit which ensures not only maximum efficiency, improved reaction time and control but also incorporates other additional features. Modulating valves control the supply of hot water to both the space heating and domestic hot water within the apartment.

The thermally insulated casings minimise heat loss from the unit. Maximum energy saving from the HIUs can only be achieved if the system is designed correctly and HIUs are selected and sized correctly.

To ensure maximum efficiency, reliability and performance the system must be designed and commissioned in accordance with CIBSE.

How does it work?





Elite

Outstanding choice, versatility, quality and performance make Stelrad Elite the UK's most popular radiator - the perfect solution when maximum heat output is needed from a steel panel radiator. The Elite range is readily available nationwide.

- 183 models
- Heights: 300mm to 700mm
- Lengths: 400mm to 3000mm
- Outputs: 190 to 6033 watts, 650 to 20585 Btu/hr
- Types: P1, K1, P+ & K2



Compact

The Compact is the UK's best selling and most comprehensive range of compact radiators. They're proven, high performance winners - ideal for every room and every application where space is at a premium.

HORIZONTAL

- 240 horizontal models
- Heights: 300mm to 700mm
- Lengths: 400mm to 3000mm
- Outputs: 190 to 5883 watts, 647 to 20073 Btu/hr
- Types: P1, K1, P+, K2 & K3

VERTICAL

- 21 vertex models
- Heights: 1800mm, 2000mm & 2200mm
- Lengths: 300mm to 700mm
- Outputs: 1146 to 3003 watts, 3910 to 10246 Btu/hr
- Types: P2 & K2





Compact style range

The subtle architectural look and feel of the Compact with Style is combined with value, range and availability to give you sophisticated designer styling for any room, commercial or domestic, at affordable prices.

HORIZONTAL

- 52 horizontal models
- Heights: 200mm to 600mm
- Lengths: 400mm to 2000mm
- Outputs: 235 to 3202 watts, 802 to 10925 Btu/hr
- Types: K1, P+ & K2

VERTICAL

- 24 vertical models
- Heights: 1600mm to 2200mm
- Lengths: 300mm to 700mm
- Outputs: 693 to 2772 watts, 2365 to 9458 Btu/hr
- Types: P2 & K2



Towel rail

Stelrad Towel Rails offer stylish looks and effective heating and drying performance - in the bathroom or in the kitchen. Available from stock in white or chrome.

- 26 models
- Heights: 678mm to 1744mm
- Lengths: 400mm, 500mm & 600mm
- Outputs: 240 to 1022 watts, 820 to 3489 Btu/hr
- Types: Straight, curved, white or chrome





STR

This simple design is the ultimate in neat, efficient functionality for towel warming and space heating. The superbly integrated unit allows towels and clothes to warm without interfering with the vital flow of convected room heat.

HORIZONTAL

- 52 horizontal models
- Heights: 200mm to 600mm
- Lengths: 400mm to 2000mm
- Outputs: 235 to 3202 watts, 802 to 10925 Btu/hr
- Types: K1, P+ & K2

VERTICAL

- 24 vertical models
- Heights: 1600mm to 2200mm
- Lengths: 300mm to 700mm
- Outputs: 693 to 2772 watts, 2365 to 9458 Btu/hr
- Types: P2 & K2



Planar

Simple and understated design makes Planar the ultimate in minimalism for radiators. With its completely flat, smooth finish and integrated top grille and side panels it has a remarkably slim and stylish profile that will enhance any space.

- 26 models
- Heights: 678mm to 1744mm
- Lengths: 400mm, 500mm & 600mm
- Outputs: 240 to 1022 watts, 820 to 3489 Btu/hr
- Types: Straight, curved, white or chrome

