

**ideal**  
HEATING

WE BELIEVE  
IN HEATING  
EXCELLENCE



# EXPERTS IN HEATING



Market leading  
warranties



Year round  
customer support



British made  
since 1906

At Ideal Heating, we're experts in heating and we believe in making our installers' lives as easy as possible. That's why we combine ease of installation with high levels of quality and reliability. We rigorously test each and every one of our products with dozens of safety and reliability checks before they leave our Yorkshire based factory. This is why we confidently offer industry leading warranties on our boilers so you can go the extra mile for your customers.

We believe in supporting our installers, not just with great products but with additional training and benefits. Our award-winning, loyalty scheme Connect provides easy warranty registrations, rewards and Gas Safe reminders, whilst our industry leading Expert Academy offers first class training centres and easy to access digital resources offering a range of courses and programmes to benefit you.

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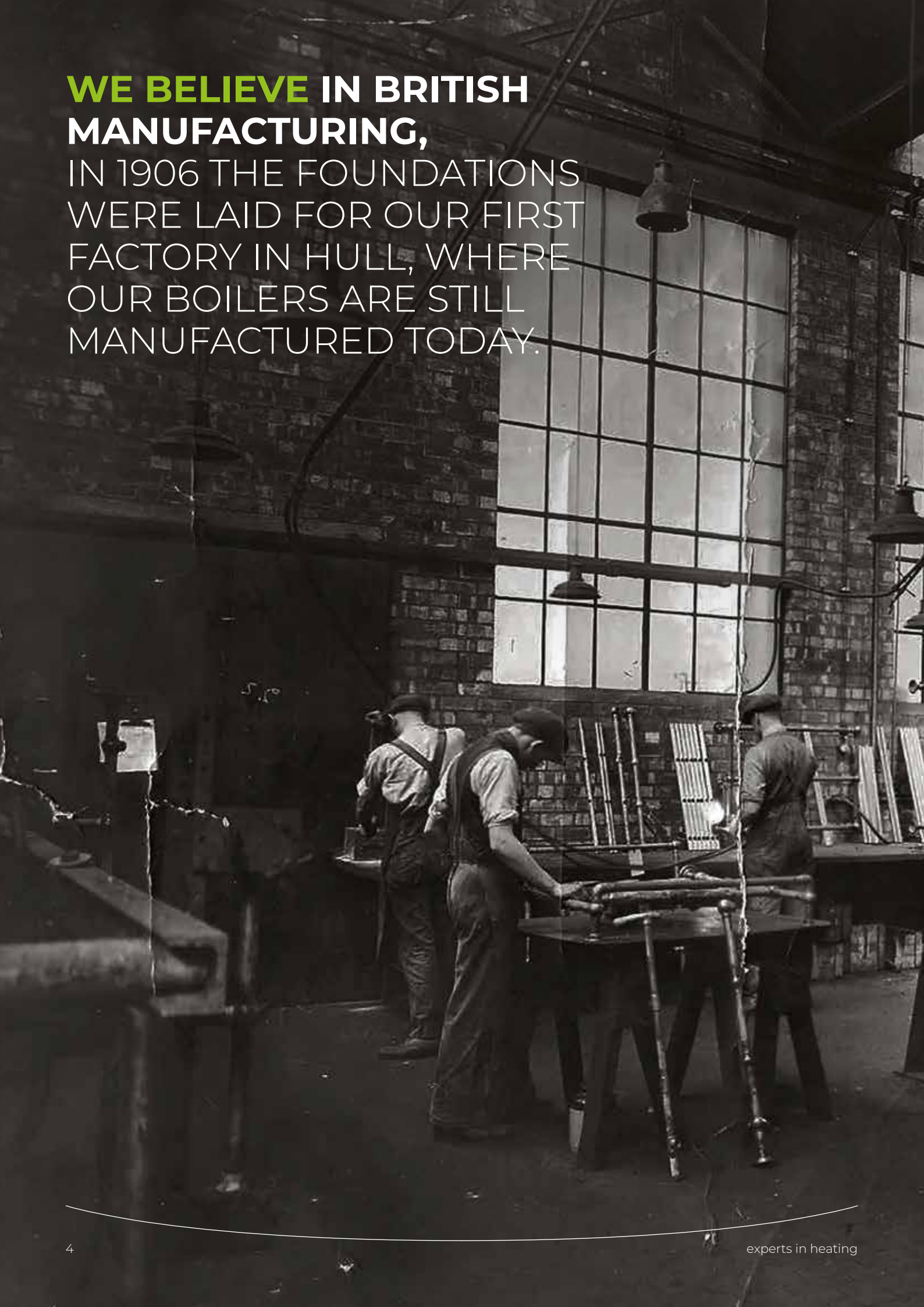
63 - Logic Max Combi Technical Specification

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**WE BELIEVE IN BRITISH  
MANUFACTURING,**  
IN 1906 THE FOUNDATIONS  
WERE LAID FOR OUR FIRST  
FACTORY IN HULL, WHERE  
OUR BOILERS ARE STILL  
MANUFACTURED TODAY.



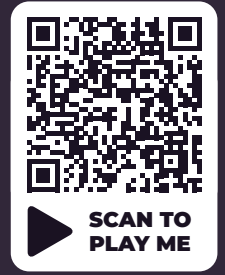




**WE BELIEVE IN INNOVATION,**  
RIGHT NOW OUR TEAM ARE  
DEVELOPING THE NEXT  
GENERATION OF HEATING  
APPLIANCES, CONTROLS  
AND SYSTEMS. OUR 100 YEAR  
HERITAGE MEANS WE KNOW  
WHAT WE'RE DOING.



Earn points for every registration\* with the Connect loyalty scheme.



# CONNECT

The more installs you register,  
the more loyalty points  
you earn each time



Free Gas Safe Registrations



Exclusive Promotions



Free Training



Earn Loyalty Points



Sales and Repair Leads Through our Website



I've used my Connect points for all sorts, even wrapping my van. It's so flexible it's a great scheme.



Who wouldn't want to be part of this scheme! Fantastic support whenever I need it, plus I get rewarded for my work!

# HOW TO EARN CONNECT POINTS



## WORKING WITH CONNECT

When you register with Connect you will get a wide range of benefits straight away. But there are a number of incentives to move up the ranks as well.

### BRONZE

New accounts are Bronze, earning you £20 cashback for every Logic Max registration and £40 for every Vogue Max registration\*.

### SILVER

Advance to the Silver tier after registering your 20th boiler of the year. As a Silver member you can earn £30 cashback for every Logic Max registration\*.

### GOLD

Reach the Gold tier after your 50th registration of the year. In this top tier you will earn £40 cashback for every Logic Max you register, and £55 for every Vogue Max registration\*.

	BRONZE 0-19 BOILERS	SILVER 20-49 BOILERS	GOLD 50+ BOILERS
VOGUE MAX COMBI & SYSTEM	£40 120 POINTS	£40 120 POINTS	£55 165 POINTS
LOGIC MAX COMBI, HEAT & SYSTEM	£20 60 POINTS	£30 95 POINTS	£40 120 POINTS
HALO RF & WIFI	£5 15 POINTS (Same points total for all Connect tiers)		

Advance up the Connect loyalty tiers and earn more points on every registration. Spend your hard earned points on a variety of rewards; including merchandise and branded workwear. You can even redeem your points as cash on a pre-paid Mastercard.

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# WE BELIEVE IN REWARDING OUR INSTALLERS

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## EASY WARRANTY REGISTRATIONS

Register your customers' warranty through our website or Connect app. The Connect app is available for iOS and Android and allows you to register boilers on the go by simply scanning the boiler barcode and filling in the information.

Scan the QR code above to visit the Connect website.

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## FREE GAS SAFE REGISTRATIONS

Our web portal allows you to register boilers and simultaneously notify Gas Safe where we will pick up the charge!

You can then access warranty and Gas Safe certificates as PDFs whenever you need them. Even emailing copies direct to your customer.

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Mastercard



Gadgets & tools



Boilers, accessories  
and spare parts



Axinite workwear



We've partnered with workwear brand Axinite to give you access to a great range of premium workwear.

Order e-vouchers through your Connect account and use them against new work trousers, boots and personalised t-shirts and jackets.



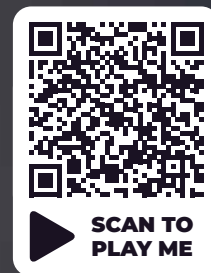
Premier Club



Premier Club is an additional incentive and destinations have included Miami and Las Vegas – will you join us on the next Ideal adventure?

Join one of the most rewarding accreditation schemes in the industry and have access to exclusive benefits by showing your loyalty to the Ideal Heating Vogue Max and Logic Max ranges.

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MAX  
INSTALLED

**CONNECT**

**MAX ACCREDITED  
INSTALLER**



# WE'RE NOT BASHFUL ABOUT IT!

**WE WANT THE BEST INSTALLERS IN THE BUSINESS TO BE INSTALLING IDEAL**

On top of your standard **CONNECT** benefits, you will have access to:

- ✓ 12 year extended warranties on the Vogue Max range
- ✓ A priority listing on our website to drive sales leads
- ✓ Free training on marketing your Max Accredited status
- ✓ Exclusive branded merchandise and workwear

Find out more today at

**[installerconnect.com](https://installerconnect.com)**



SCAN TO  
LEARN MORE

# WE BELIEVE IN PROVIDING FIRST CLASS TRAINING

## TRAINING OPTIONS



### IN-PERSON

**Work face-to face with our Experts in Heating.**

Work on our leading range of products in-person, and complete our accreditation courses.



### LIVE VIRTUAL

**Always live, presented by our Experts in Heating.**

Our live virtual training allows you to complete quality training online, without the travel time and costs. We use a fully equipped filming studio to provide high definition and detailed views. You can ask questions to our Experts throughout.



### ON-DEMAND 24/7

**What you need, when and where you need it!**

Request a personal training account to access our comprehensive range of training products available to access 24/7. Designed to help you learn when suits you as well as providing on the job support.

[idealheating.com/installers/training](https://www.idealheating.com/installers/training)



We offer an industry leading range of training courses to help you become an expert in our products and keep on top of industry regulations. Helping you offer an exceptional service to your customers.

## OUR COURSES

We provide a range of product training courses across our domestic and product ranges free of charge.

We also offer wider installer industry training programmes from our accredited centres.

We continually update and expand our offer so please take a look at [idealheating.com/training](http://idealheating.com/training) for full course details and availability.



### DOMESTIC PRODUCTS

- Vogue range
- Logic range
- Controls
- Accessories
- Alfea Heat Pump range



### COMMERCIAL PRODUCTS

- Evomax 2
- Evo S
- Imax Xtra 2
- Imax Xtra EL
- Evomod
- Heat Interface Units



### INDUSTRY TRAINING

- Unvented hot water
- Water regulations
- Essential electrics and safe isolation
- Heat pumps
- F-Gas
- System design

# WE BELIEVE IN ENERGY EFFICIENCY

## WHAT IS ERP?

- ErP is a regulation put in place by the European Union to increase the visibility of the efficiency and performance of heating and hot water products, allowing you to be aware of the impact of your purchases.
- Efficiency isn't something you need to worry about when choosing Ideal Heating, as all of our boilers achieve band A levels of efficiency, helping you to reduce your energy bills and carbon footprint.

## WHAT IS BOILER PLUS?

- Boiler Plus is a Government regulation that was implemented in 2018, to improve energy efficiency in homes in England.
- Boiler Plus regulations only apply to replacement boilers being installed, so you don't need to worry about bringing your existing boiler up to standards.
- If you're fitting a replacement boiler the good news is that Ideal Heating has everything you need to comply, with all of our boilers achieving at least 92% ErP rating as standard, and a whole range of controls to suit your customers' needs!

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All of our boilers  
achieve band A ErP  
rating of at least

**92%**

efficient



“We have the knowledge, experience and skills to play our part in ensuring the nation achieves its **Net Zero** targets and so our customers have the best and most advanced solutions for heating and hot water, whatever their needs and requirements.”



SHAUN EDWARDS  
CEO

idealheat



Delivering industry leading customer support is our promise to you which is why our UK based contact centre is open 364 days a year.

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# WE BELIEVE IN QUALITY SERVICE EVERY DAY

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At Ideal Heating we understand the importance of quality customer care and post sales support, which is why we are investing £4 million in our services to support you.

If your query cannot be resolved over the phone, we have a team of service engineers all over the UK to ensure we provide a rapid response typically the same or next day.



To ensure we are always achieving highest standards of customer service, all our customers are offered the opportunity to provide feedback on their interactions with us.

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**CUSTOMER SERVICE:**

**01482 498660**

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**TECHNICAL HELP:**

**01482 498663**








**CUSTOMER CARE**

**364**

**DAYS A YEAR**

Your call will be answered by one of our highly trained team who will be able to help whether you are registering your warranty, booking a service or reporting a issue with your heating.



**OPENING TIMES**

**MONDAY TO FRIDAY**  
08:00 – 18:00

**SATURDAYS AND BANK HOLIDAYS**  
(EXCLUDING CHRISTMAS DAY)  
08:00 – 16:00

**SUNDAYS**  
08:00 – 12:00



UP TO  
**12**  
YEAR WARRANTY\*

**CONNECT**

EARN UP TO  
**£55**  
CASHBACK

EARN REWARDS FOR EVERY VOGUE MAX YOU REGISTER ON CONNECT



# VOGUE MAX

Over a century of heating innovation has led to one thing: the Vogue Max.

A combination of sleek aesthetics and best in class components means the Vogue Max sits at the pinnacle of the Ideal range with an impressive 12 year warranty\*.

**Combi:** 26, 32, 40  
**System:** 15, 18, 26, 32



## PUT A VOGUE MAX IN YOUR CUSTOMER'S HOME

Scan the QR code with your phone to see a Vogue Max combi or system in your customer's home now. You don't need an app, just open the camera and follow the instructions to see the boiler in 3D.

Scan over a flat surface and see a scale model to check the style and approximate size.



The Vogue Max Combi is our unrivalled premium combi boiler, designed and built with best in class components, including a quality stainless steel heat exchanger for your peace of mind.

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# WE BELIEVE IN QUALITY & PERFORMANCE

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## BRITISH MADE SINCE 1906

First created at our factory in Yorkshire, the Vogue Max has been designed, developed and built in the UK. Each year we invest into our UK based research and development facility ensuring our boilers are at the cutting edge of heating technology.

Come and see our factory for yourself! Book a factory tour with your local Area Sales Manager to see our boilers being made, meet our customer service team and our state of the art research and development facilities.

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## AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status for six consecutive years, for ease of use and low noise levels amongst other outstanding product details that left customers wanting to recommend Ideal Heating to their friends and families.

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## WE BELIEVE IN PROTECTING YOUR HEATING SYSTEM

The Vogue Max comes with an Ideal System Filter in the box. Our system filter has been proven to ensure long lasting protection of the boiler and heating system with no compromise on performance.



Quality forged brass construction with nickel plating



Powerful neodymium magnetic assembly



Quick and easy to install



Quick to install



Easy to service  
from the front



Premium  
components



Easy to use full  
colour display

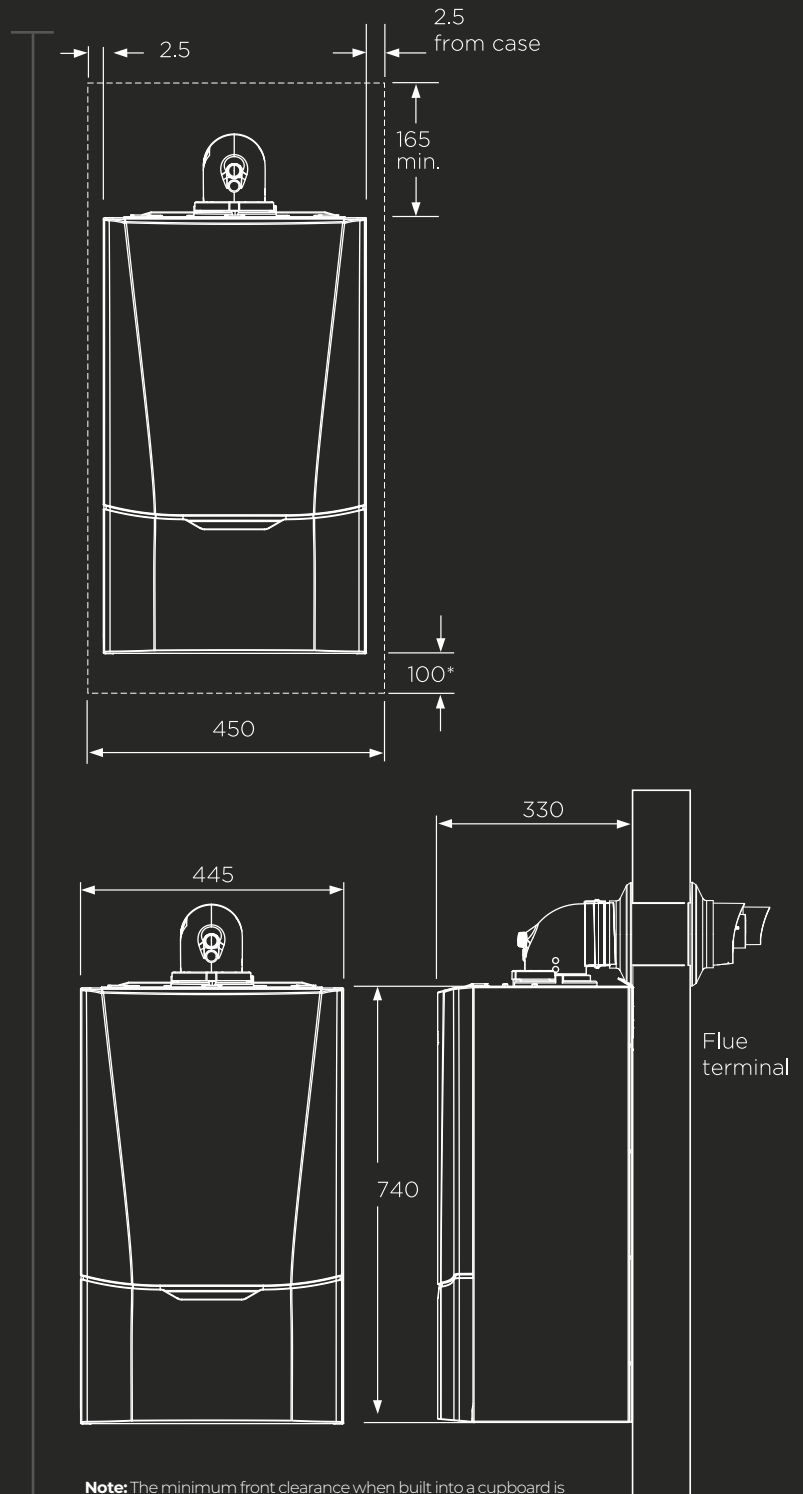


Simple clip  
on cover



# VOGUE MAX

## Clearances & dimensions



**Note:** The minimum front clearance when built into a cupboard is 5mm from the cupboard door but 450mm overall clearance with the cupboard door open is required for servicing.

\*Bottom clearance after installation can be reduced to 5mm. However, 100mm is required for servicing.

# VOGUE MAX COMBI

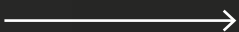
26 32 40



NOx class 6



Up to 40kW output



Frost protection



Stainless steel heat exchanger



## PREMIUM QUALITY COMPONENTS

- Hydrobloc incorporating a 24V stepper for enhanced reliability
- Large 10 litre expansion vessel
- Stainless steel heat exchanger
- Low energy modulating Grundfos pump
- 24V gas valve

## EASY TO INSTALL AND SERVICE

- Low boiler lift weight from 32.4kg
- Pre-wired mains lead (2m)
- Cool burner door technology
- Long maximum flue lengths with easy access sampling points
- Easy to read pressure gauge
- Uniform control opening across all Ideal Vogue and Logic combis
- Control box with push-in cable clamps

## USER BENEFITS

- LPG conversions available on all outputs
- Backlit 3.5" LCD full colour display
- Multi-function buttons for simplified end user operation
- Up to 7:1 modulation
- Service display and installer phone number input
- Rotary controls for easier user operation
- Stylish aesthetics with full width door complete with damped opening



A



A



# VOGUE MAX SYSTEM

15 18 26 32



NOx class 6



Up to 32kW  
output



Frost  
protection



Stainless steel  
heat exchanger



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

A



## PREMIUM QUALITY COMPONENTS

- Large 10 litre expansion vessel
- Stainless steel heat exchanger
- Low energy modulating Grundfos pump
- 24V gas valve

## EASY TO INSTALL AND SERVICE

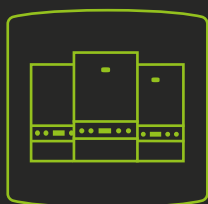
- Low boiler lift weight from 30.7kg
- Pre-wired mains lead (2m)
- Cool burner door technology
- Long maximum flue lengths with easy access sampling points
- Easy to read pressure gauge
- Control box with push-in cable clamps

## USER BENEFITS

- LPG conversions available on all outputs
- Backlit 3.5" LCD full colour display
- Multi-function buttons for simplified end user operation
- Up to 5:1 modulation
- Service display and installer phone number input
- Rotary controls for easier user operation
- Stylish aesthetics with full width door complete with damped opening

# WELCOME TO OUR LOGIC FAMILY

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## **BOILERS YOU CAN RELY ON**

Our Logic, Logic+ and Logic Max boiler ranges match efficiency with straightforward and robust design to create the perfect option for your central heating system. Reliability and comfort sum up the hassle-free Ideal Logic boilers, plus a warranty of up to 10 years offers total peace of mind.

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## **EASY TO INSTALL, EASY TO SERVICE**

The Logic is the mainstay of the Ideal range, and it's known and loved by installers and homeowners alike for its ease of use, quality and reliability. Featuring a lightweight, compact design, and a Quiet Mark accreditation, it can be installed discretely in a kitchen cupboard – and with the front panel coming off for servicing, it is an easy boiler to work on too.

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LOGIC

LOGIC MAX

LOGIC+



**READY TO RUN SAFELY ON A 20% HYDROGEN BLEND**

Current Ideal domestic boilers are ready to run safely on a 20% hydrogen blend with no technical adjustments. Blending up to 20% hydrogen into the gas grid with existing natural gas could save up to 6 million tonnes of carbon dioxide emissions every year.

A 20% hydrogen blend also means that people can continue to use the gas supply as normal, without any changes being needed to gas appliances or pipework, while still reducing carbon emissions



# 10

YEAR WARRANTY  
AS STANDARD\*



**CONNECT**

EARN UP TO  
**£40**  
CASHBACK

EARN REWARDS FOR EVERY LOGIC MAX YOU  
REGISTER ON CONNECT





# LOGIC MAX

With over three million Logic boilers sold in the UK, it has the reputation as one of the most reliable boilers available. We back this up with our 10 year warranty as standard for the Logic Max.

**Combi:** 24, 30, 35  
**System:** 15, 18, 24, 30  
**Heat:** 12, 15, 18, 24, 30



## PUT A LOGIC MAX IN YOUR CUSTOMER'S HOME

Scan the QR code with your phone to see a Logic Max combi, system or heat only in your customers home now. You don't need an app, just open the camera and follow the instructions to see the boiler in 3D.

Scan over a flat surface and see a scale model in your home to check the style and approximate size.



Providing you with confidence and peace of mind the Logic Max has a full parts and labour warranty for 10 years, which demonstrates just how confident we are in the quality and reliability of our boilers.

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# WE BELIEVE IN RELIABILITY AS STANDARD

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## A DECADE OF INNOVATION

For over a decade our Logic range has been heating homes all over the UK. In January 2020 we built our three millionth Logic boiler meaning we will be providing reliable warmth to millions of people for years to come.

First launched in 2009 the Logic range represents over 100 years of our advancement in heating technology. Our time served experience and products can give you peace of mind.

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## WE BELIEVE IN A QUIET HOME

The Logic Max Combi has been awarded the Quiet Mark, and is one of only a very small number of boiler ranges to have achieved this.

Our boilers have also been awarded Good Housekeeping Reader Recommended status six years in a row. For outstanding product features that left customers wanting to recommend Ideal Heating to their friends and families.

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## **WE BELIEVE IN PROTECTING YOUR HEATING SYSTEM**

The Logic Max comes with an Ideal System Filter in the box. Our system filter has been proven to ensure long lasting protection of the boiler and heating system with no compromise on performance.



Quality forged brass construction with nickel plating



Powerful neodymium magnetic assembly



Quick and easy to install





Quick to install



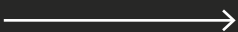
Easy to service



Compact  
cupboard fit



Low component  
count maximising  
reliability

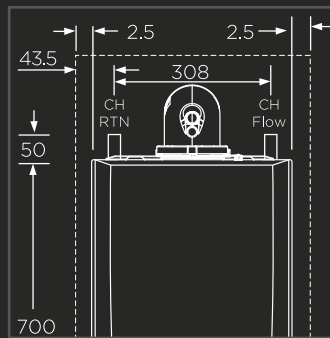
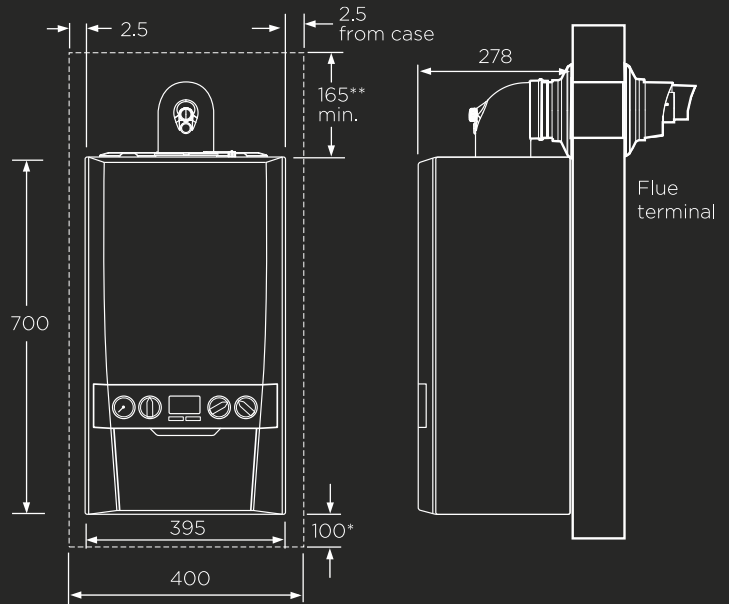


Easy to use fully  
back-lit LCD display

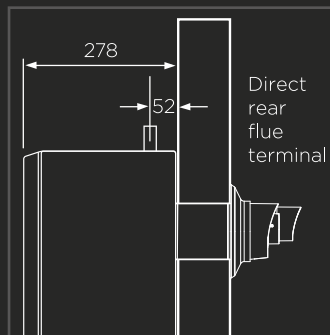


# LOGIC MAX

## Clearances & dimensions



LOGIC MAX HEAT CH RTN / CH FLOW



LOGIC MAX HEAT REAR FLUE OPTION

**Note:** The minimum front clearance when built into a cupboard is 5mm from the cupboard door but 450mm overall clearance with the cupboard door open is required for servicing.

\*Bottom clearance after installation can be reduced to 5mm. However, 100mm is required for servicing.

\*\*Reduces to 100mm with direct rear flue option.

# LOGIC MAX COMBI

C24 C30 C35



Up to 35kW output



NOx class 6



Universal condensate connection



Built-in filling loop



## EASY TO INSTALL AND SERVICE

- Low boiler lift weight from 29.2kg
- Compact cupboard fit
- Easy to see pressure gauge
- Stand-off kit and pre-pipe options
- Wide range of flueing options
- Preformed copper tails
- Pre-wired mains lead (2m)
- Safety valve outlet pipe included

## QUALITY AND RELIABILITY AS STANDARD

- Low component count maximising reliability
- Latest generation Honeywell gas valve
- Simple diverter valve design with no dynamic seals
- Ideal System Filter included in the box

## USER BENEFITS

- Award winning range
- Pre-heat function
- Service indication
- Symbols and text display
- Compatible with a range of additional controls inc. weather compensation and OpenTherm controls
- LPG conversion kit available for 30kW boilers



A

A



# LOGIC MAX SYSTEM

S15 S18 S24 S30



Up to 30kW output



NOx class 6



Easy to see pressure gauge



Pre-wired mains lead



## EASY TO INSTALL AND SERVICE

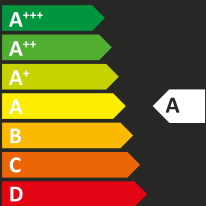
- Low boiler lift weight of 26.1kg
- Compact cupboard fit
- Easy to see pressure gauge
- Stand-off kit and pre-pipe options
- Wide range of flueing options
- Preformed copper tails
- Pre-wired mains lead (2m)
- Safety valve outlet pipe included

## QUALITY AND RELIABILITY AS STANDARD

- Low component count maximising reliability
- Latest generation Honeywell gas valve
- Built in frost protection
- Ideal System Filter included in the box

## USER BENEFITS

- Award winning range
- Service indication
- Compatible with a range of additional controls inc. weather compensation and OpenTherm controls
- LPG conversion kit available for 30kW boilers



# LOGIC MAX HEAT

H12 H15 H18 H24 H30



Up to 30kW output



NOx class 6



Direct rear flue option



Top system connections



## EASY TO INSTALL AND SERVICE

- Compact cupboard fit
- Low lift weight of 22.7kg
- Stand-off kit
- Wide range of flueing options
- Direct 80mm diameter rear flue option
- Top system connections
- Low minimum head requirement

## QUALITY AND RELIABILITY AS STANDARD

- Low component count maximising reliability
- Latest generation Honeywell gas valve
- Built in frost protection
- Ideal System Filter included in the box

## USER BENEFITS

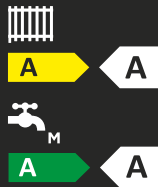
- Award winning range
- Service indication
- Compatible with a range of additional controls inc. weather compensation and OpenTherm controls
- LPG conversion kit available for 30 kW boilers
- Large output range 12 - 30kW

# LOGIC+



## AWARD WINNING BOILER

The Logic+ has received Good Housekeeping Reader Recommendation for six years in a row along with Quiet Mark recognition on the Logic+ Combi and System.



## LOGIC+ OUTPUTS

COMBI	SYSTEM	HEAT
- 24kW	- 15kW	- 12kW
- 30kW	- 18kW	- 15kW
- 35kW	- 24kW	- 18kW
	- 30kW	- 24kW
		- 30kW





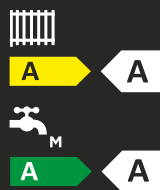
# VOGUE



## BEST IN CLASS

The Vogue provides stylish aesthetics and premium components combined with an 8 year warranty.

With an easy to use colour screen, high outputs of up to 40kW (combi) and a quality stainless steel heat exchanger it is truly a premium boiler.



## VOGUE OUTPUTS

### COMBI

- 26kW
- 32kW
- 40kW

### SYSTEM

- 15kW
- 18kW
- 26kW
- 32kW



# CYLINDERS

# 25

YEAR VESSEL WARRANTY



Flat top and base with 20% more HCFC insulation



Low standing heat loss



Duplex stainless steel construction, reducing risk of corrosion



2 year parts and labour warranty



## THE IDEAL SYSTEM

The Ideal Unvented Cylinders are a range of stainless steel, indirect cylinders which are manufactured to the highest standards. We have 8 models in the range, all with a 2 year parts and labour warranty, so you can be sure the Ideal Unvented Cylinder allies the twin demands of excellent product quality with outstanding value.



## BRITISH MADE SINCE 1906

All of our stainless steel cylinders are made in the UK. Built to the same high standards as our boilers, our commitment to quality manufacturing techniques is born from over 100 years of technical experience with heating technology.

### STANDARD APPLIANCE

- Hot water draw off 22mm compression
- Temperature and pressure relief valve 95°C/6 bar
- Hot water secondary return 22mm (not fitted to cylinders below 210 litres)
- Immersion heater 1 3/4" 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
- Portable expansion vessel complete with flexible hose and integrated wall bracket
- Tundish
- Dual control thermostat and combined overheat thermostat
- Two port 22mm zone valve for primary circuit
- Wiring junction box for primary system

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

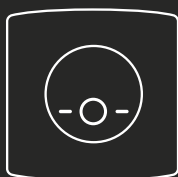


# WE BELIEVE IN TAKING CONTROL

At Ideal Heating we believe in complete comfort and the last thing customers should worry about is their heating.

With our Ideal Halo controls homeowners can manage the heating in their home to suit their lifestyle.

Halo is available for all Logic and Vogue boiler ranges.



## MAKING LIFE EASY, BY KEEPING THINGS SIMPLE

### IDEAL HALO RF

Designed specifically to work with your Ideal Boiler, Ideal Halo RF is a wireless programmable room thermostat that provides simple and easy heating control.

The Halo kit includes the Smart Interface that easily plugs directly into the front of the boiler and communicates wirelessly with the Halo control.

\*Halo RF extension to WiFi for an additional fee.



SCAN THE QR CODE  
TO VIEW THE HALO RF  
INSTALLATION VIDEO



SCAN TO  
LEARN MORE



**CONNECT**

EARN UP TO  
**£5**  
CASHBACK

EARN REWARDS FOR EVERY HALO YOU  
REGISTER ON CONNECT

# HALO



## INTELLIGENT CONTROL FOR ULTIMATE COMFORT

### IDEAL HALO WI-FI

The Ideal Halo Wi-Fi is an internet connected wireless programmable room thermostat, designed to work specifically with Ideal Heating boilers.

Halo Wi-Fi allows heating control anytime, anywhere through the flexible and intuitive Halo app. With features such as geolocation and compatibility with smart home assistants such as Amazon Alexa and Google Home, Halo provides smart, intelligent heating control.

Halo Wi-Fi is simple to install without the need for a separate Wi-Fi gateway. Simply plug and pair the Smart Interface and Halo and then follow the step-by-step guidance in the Halo app to link Halo to the home Wi-Fi.

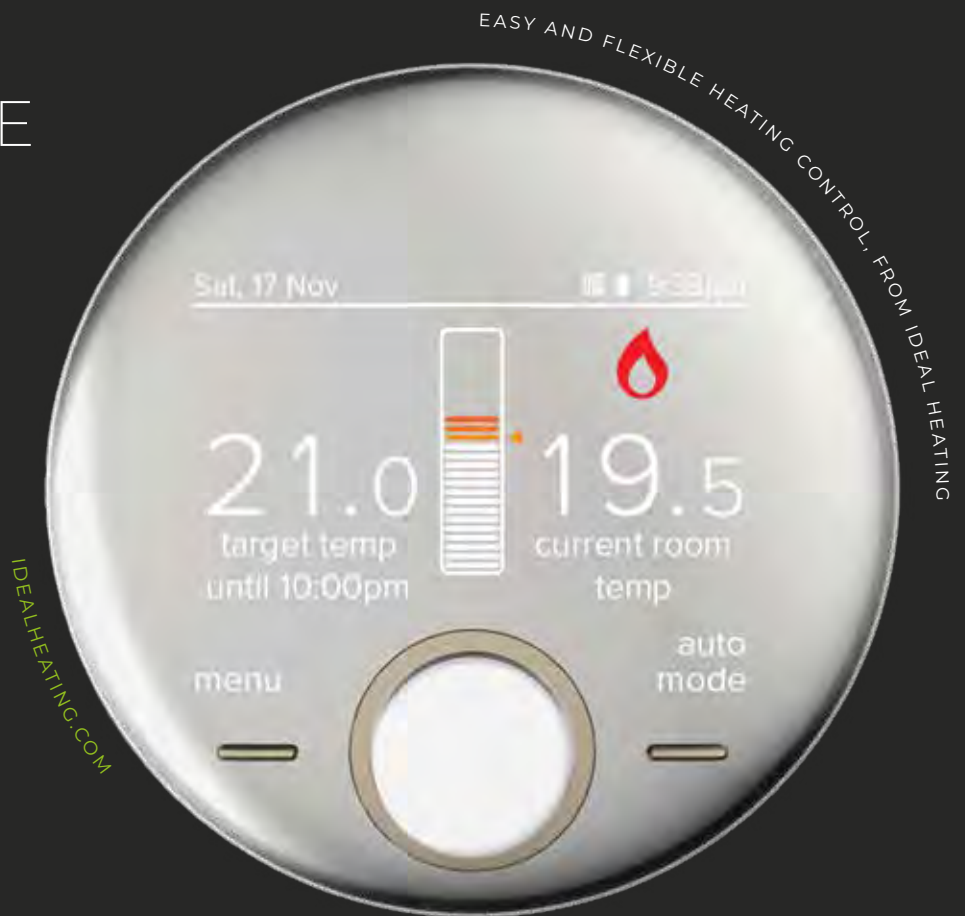


### HALO 2-ZONE EXTENSION

The Ideal Halo 2-Zone extension is an add-on kit for both Halo RF and Halo Wi-Fi.

With the introduction of the 2-Zone extension, Halo is now suitable for both single and two zone heating systems.

With clearly marked connections for zone valves, the Smart Wiring Centre helps simplify system wiring and the wireless communication keeps fully modulating control over both zones.



# ACCESSORIES

To compliment our award winning range of boilers we also offer a huge range of flues and accessories, from weather compensation kits to expansion vessels. And don't forget you can order Ideal genuine spare parts directly from us at:

[idealparts.com](http://idealparts.com)



## IDEAL SYSTEM FILTER\*

A proven, high efficiency, full-flow, magnetic and non-magnetic filter that is designed to protect your customer's central heating system from unwanted contaminants. Removing both metallic and non-metallic contaminants from the central heating system improves system efficiency, and reduces risk of damage. Not only this, but our system filter comes with a 10 year warranty and can increase the warranty on some boilers.



Quality forged brass construction with nickel plating



Powerful neodymium magnetic assembly





### WEATHER COMPENSATION OUTDOOR SENSOR

The Ideal Weather Compensation kit allows the boiler to measure the outside temperature and, using this information, reduces the boiler water flow temperature. This improves the efficiency of the running of the boiler, and therefore reduces energy bills.



Measure outdoor weather to improve boiler efficiency



Boiler Plus compliant



### HALO SMART INTERFACE

The Halo Smart Interface will be installed in the aperture in the front of your Ideal boiler. It will wirelessly communicate with your Halo control and, in the case of an internet connected Halo, your home Wi-Fi.





# ACCESSORIES

## LPG KITS

### VOGUE MAX

Natural gas to LPG kit

#### EACH KIT COMPRISES:

- Burner injector
- Data plate labels
- Instructions

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.

#### KEY FEATURES

- Available for all Vogue Max Combi and System models
- Fast & simple conversion using boiler controls and injector

#### PRODUCTS APPLICABLE

- Vogue Max Combi 26, 32, 40
- Vogue Max System 15, 18, 26, 32



### LOGIC MAX

Natural gas to LPG kit

#### 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.

#### KEY FEATURES

- Available for all Logic Max range (Combi, Heat & System)
- Suitable for most property sizes
- Fast & simple conversion with pre-set gas valve for no product adjustment

#### PRODUCTS APPLICABLE

- Logic Max Combi C30
- Logic Max System S30
- Logic Max Heat H30



## LPG HEAT OUTPUTS

BOILER MODEL	LOGIC MAX			VOGUE MAX COMBI			VOGUE MAX SYSTEM			
	COMBI 30	HEAT 30	SYSTEM 30	26	32	40	15	18	26	32
Min. output (kW)	8.0	8.0	8.0	4.4	5.4	6.7	3.8	4.4	5.2	8.0
Max. output (kW)	24.2	30.3	30.3	18.0	26.0	32.0	15.0	18.0	26.0	32.0
Max. DHW output (kW)	30.3	N/A	N/A	26.0	32.0	40.0	N/A	N/A	N/A	N/A

PRODUCT CODE	NG - LPG CONVERSION KITS
219125	Logic Max Combi 30
219127	Logic Max Heat 30
219126	Logic Max System 30
225151	Logic+ Combi C24
215740	Logic+ Combi C30
215746	Logic+ System S30
215744	Logic+ Heat H30

PRODUCT CODE	NG - LPG CONVERSION KITS
219118	Vogue Max Combi 26
219119	Vogue Max Combi 32
219120	Vogue Max Combi 40
219121	Vogue Max System 15
219122	Vogue Max System 18
219123	Vogue Max System 26
219124	Vogue Max System 32

PRODUCT CODE	NG - LPG CONVERSION KITS
217081	Vogue C26
217082	Vogue C32
217083	Vogue C40
217084	Vogue S15
217085	Vogue S18
217086	Vogue S26
217087	Vogue S32

# ACCESSORIES

## FLUE KITS & FLUE ACCESSORIES

### VOGUE MAX & LOGIC MAX

Flue Kits (Also suitable for Logic+ and Vogue boilers)

PART No.	DESCRIPTION
208171	Horizontal flue terminal (0.6m long)
217442	Horizontal flue terminal (1m long)
208169	Telescopic B pack flue (0.6m long)
208174	Telescopic horizontal flue terminal (1m long)
208290	Raised horizontal flue kit
203129	Flue extension 1m (pack D)
203130	Flue elbow 90 deg kit (60/100)
203131	Flue elbow 45 deg kit (60/100) (pair)
208178	High level flue outlet kit
203228	Flue extension kit 60 dia (1m) for high level flue outlet kit
203229	High level 90 deg elbow
203230	High level 45 deg elbow (pair)
152258	Weather collar universal 100 dia (fits slate & tiles)
152259	Weather collar flat roof 100 dia
208176	Flue deflector kit 60 dia (clips on end of flue & angles plumbing away)

### VOGUE MAX

ACCESSORIES (Also suitable for Vogue boilers)

PART No.	DESCRIPTION
208442	Stand off kit Combi and System
217088	Stand off kit (including piping) Vogue Combi
217089	Stand off kit (including piping) Vogue System
205419	Kit - DHW expansion vessel kit
159991	Condensate pump kit
204565	Secondary pressure relief valve kit
205217	Security bracket kit
222971	Ideal system filter*

PART No.	DESCRIPTION
205990	Rear flue outlet kit 55/80 (Heat only boilers)
205989	High level outlet kit 55/80 (Heat only boilers, rear flue only)
208177	Balcony flue outlet kit
211037	Flue extension 0.5m kit (Pack D)
211038	Flue extension 2m kit (Pack D)
211039	Roof flue kit (with vertical connector)
211302	Soffit kit 60/100
205247	Flue bracket kit
208175	Flue vertical connector
205024	Concentric flue screw retaining kit
155988	Flue finishing kit
203134	Flue powered vertical terminal 100 dia
203136	Vertical powered flue kit
210803	Roof terminal extension 60/100

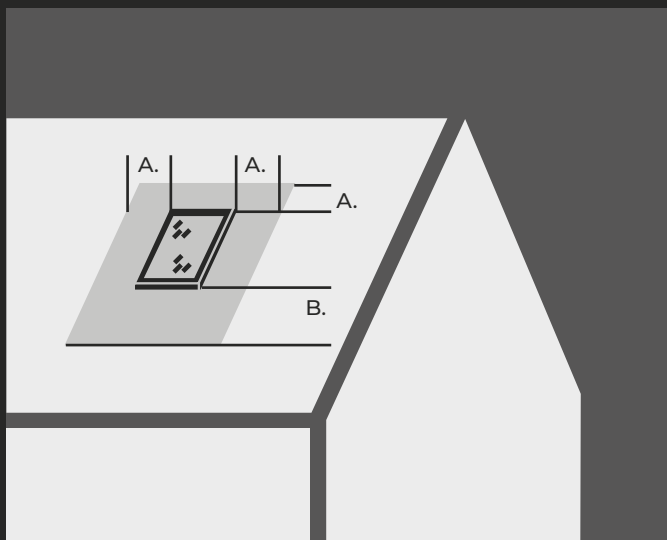
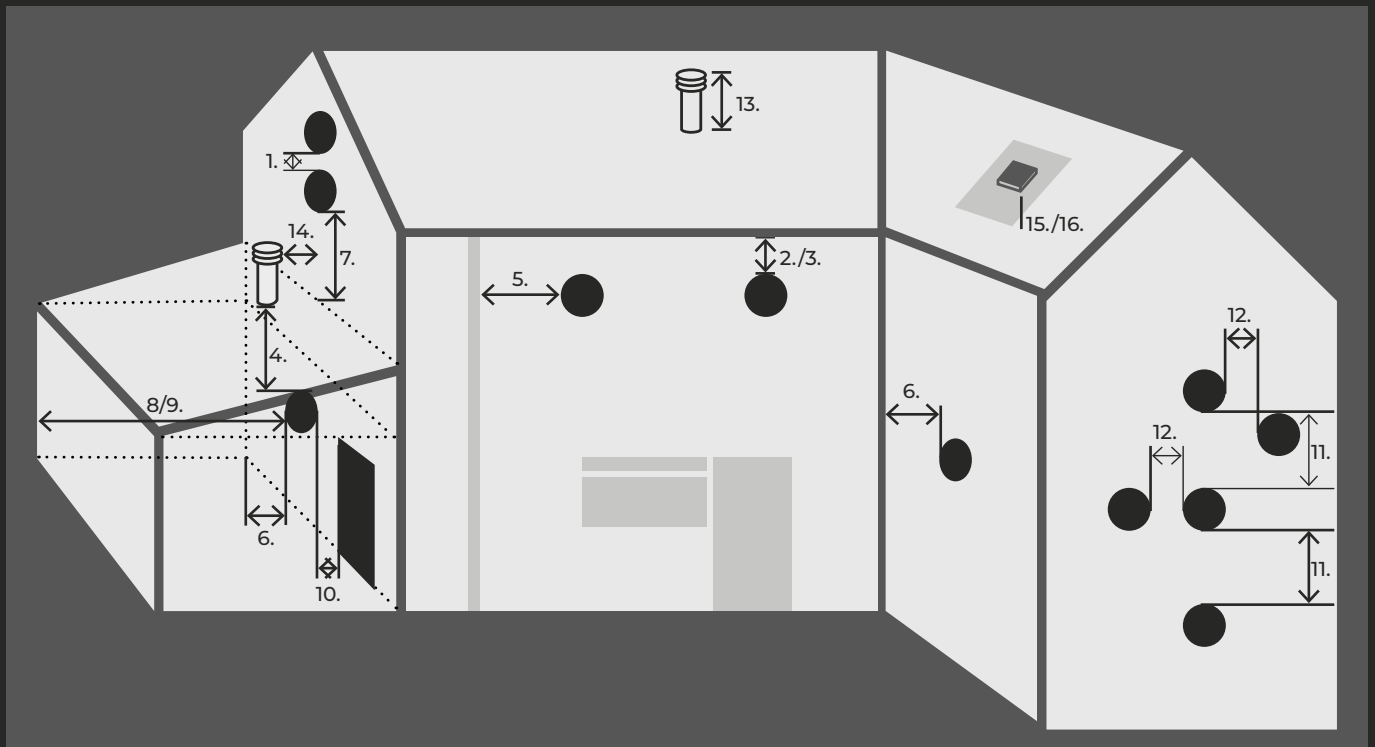
### LOGIC MAX

ACCESSORIES (Also suitable for Logic+ boilers)

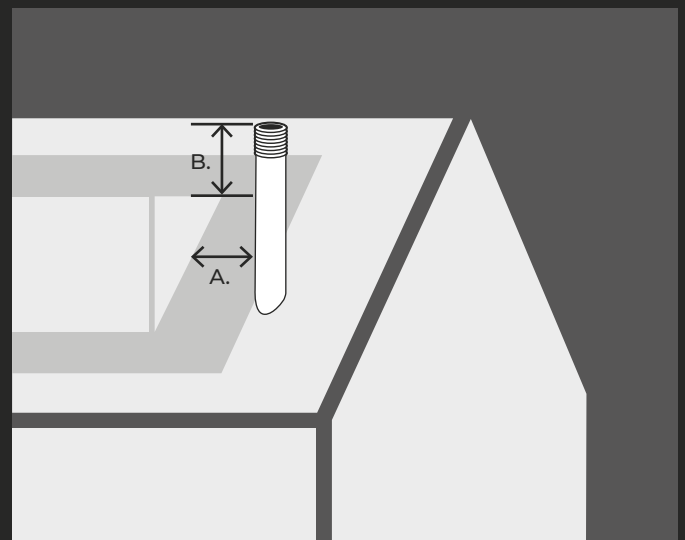
PART No.	DESCRIPTION
211103	Stand off kit Combi and System
211101	Stand off kit (including upward piping; combi)
211330	Stand off kit with pipes Logic System
206153	Stand off kit Heat
211328	Terminal wall plate RS kit combi & system
206164	Terminal wall plate kit RS replacement (heat)
205419	DHW expansion vessel kit
211041	Pre-piping kit (combi)
211331	Pre-piping kit (system)
205217	Security bracket kit
159991	Condensate pump kit
204565	Secondary pressure relief valve kit
222971	Ideal system filter*

# FLUE SITING

There are a substantial number of flue options available with the Ideal ranges, giving excellent siting flexibility for almost all applications. The range of options include standard and telescopic flues as well as roof flue and powered vertical flue options. To ensure siting issues are kept to a minimum, High Level Flue Outlet kit options and Flue Deflector kits are available.



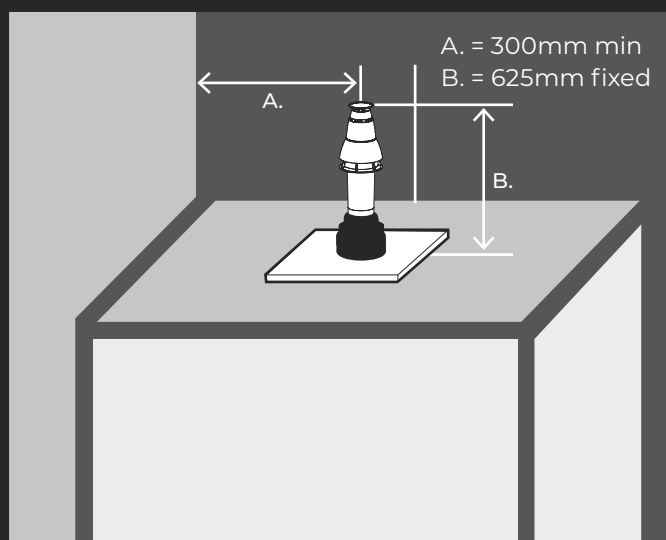
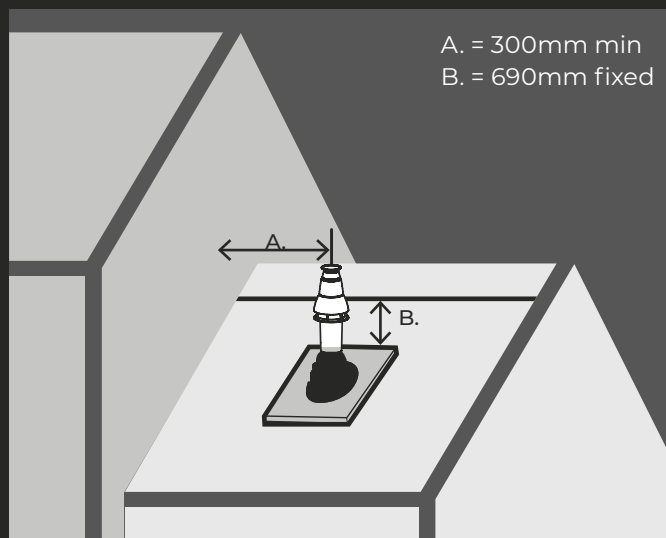
A. = 600mm B. = 2000mm. The flue terminal shall not penetrate the shaded area of the roof.



If chimney penetrates shaded area such that A is less than 300mm, B shall not be less than 300mm.

FLUE TERMINAL POSITION	MIN. SPACING
1. Directly below, above or alongside an opening window, air vent or other ventilation opening.	300mm
2. Below guttering, drain pipes or soil pipes BS5440-1	25mm* 75mm
3. Below eaves. BS5440-1	25mm* 200mm
4. Below balconies or car port roof. BS5440-1	25mm* 200mm
5. From vertical drain pipes or soil pipes. BS5440-1	25mm* 150mm
6. From an internal or external corner or to a boundary alongside the terminal. BS5440-1	25mm* 300mm)
7. Above ground, roof or balcony level.	300mm
8. From a surface or a boundary facing a terminal.	600mm
9. From a terminal facing a terminal.	1200mm
10. From an opening in a car port (e.g. door or window) into dwelling.	1200mm
11. Vertically from a terminal on the same wall.	1500mm
12. Horizontally from a terminal on the wall.	300mm

VERTICAL FLUES	MIN. SPACING
13. Above the roof pitch with roof slope of all angles. Above flat roof.	300mm 300mm
14. From a single wall face. From corner walls.	300mm 300mm
15. Below velux window.	2000mm
16. Above or side of velux window.	600mm



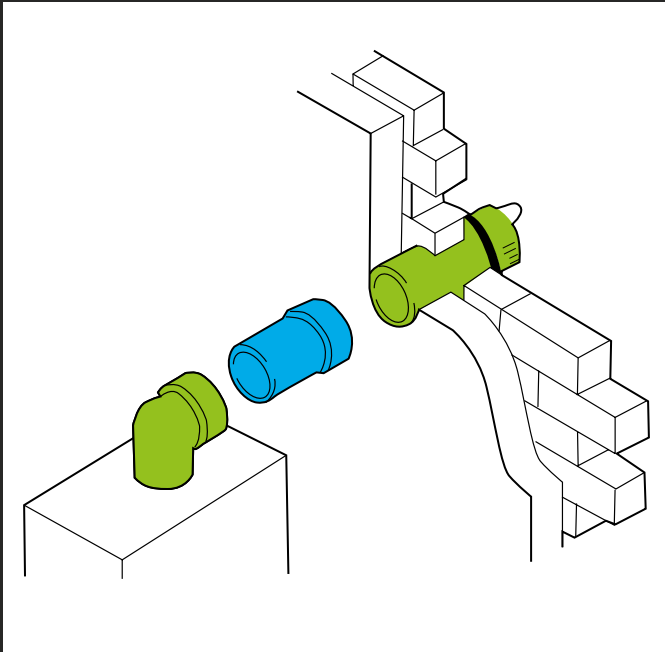
\* Only one reduction down to 25mm is allowable per installation otherwise BS5440-1 dimensions must be followed.





# FLUE OPTIONS

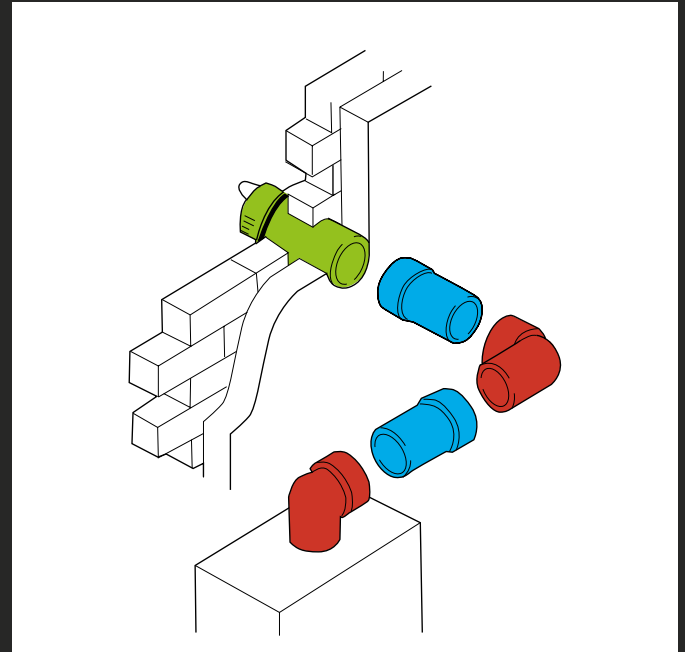
## HORIZONTAL CONCENTRIC 100MM DIAMETER



FLUE	PART NO.
Horizontal flue terminal (0.6m long)**	208171
Flue extension 1m	203129
ALTERNATIVE FLUE TERMINALS	PART NO.
Telescopic horizontal flue terminal (0.6m long)*	208169
Telescopic horizontal flue terminal (1m long)*	208174

**\*Telescopic horizontal flue terminal -**  
contains: turret, telescopic flue with terminal and rubber wall seals.

## HORIZONTAL FLUE WITH 1 X 90° ELBOW

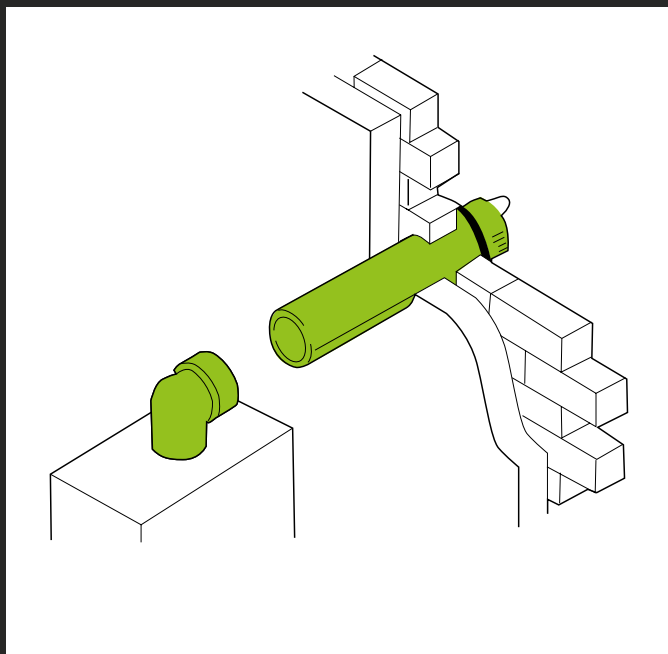


FLUE	PART NO.
Horizontal flue terminal (0.6m long)**	208171
Horizontal flue terminal (1m long)**	217442
Flue extension 1m	203129
Flue 90° elbow pair (60/100)	203130

**NOTE:** Please refer to the installation and service manual for assistance in calculating flue lengths. Adequate support must be provided for the flue in accordance with the installation instructions.

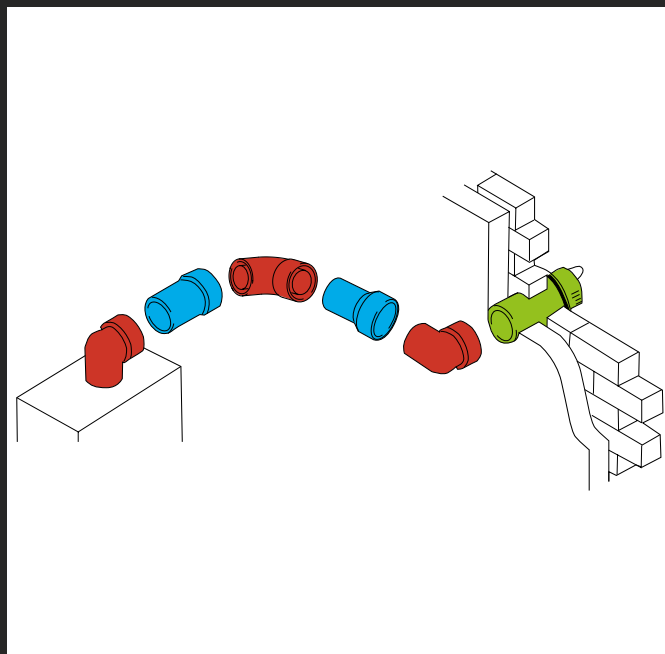
**\*\*Horizontal flue terminal -**  
contains: turret, non-telescopic flue with terminal and rubber wall seals.

## HORIZONTAL CONCENTRIC 100MM DIAMETER



FLUE	PART NO.
Horizontal flue terminal (1m long)**	217442

## HORIZONTAL FLUE WITH 2 X 90° ELBOW

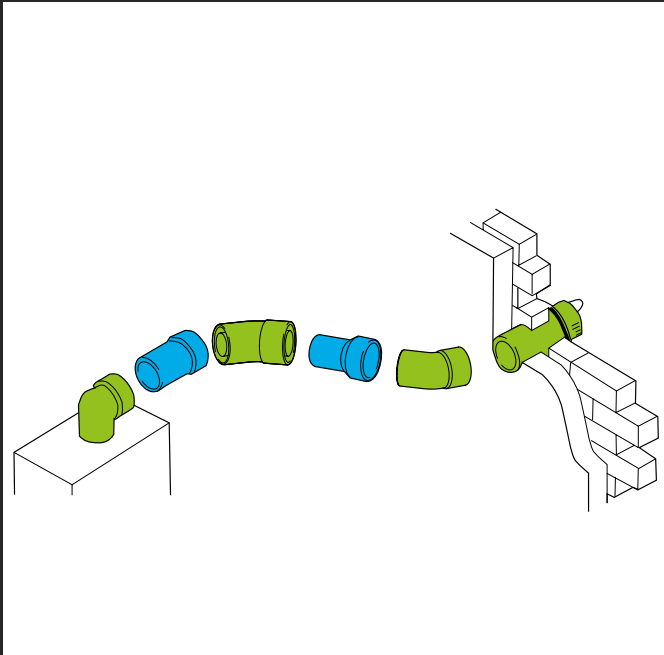


FLUE	PART NO.
Horizontal flue terminal (0.6m long)**	208171
Flue extension 1m	203129
Flue 90° elbow pair (60/100)	203130

**IMPORTANT.** The boiler must be installed in a vertical position in accordance to the installation instructions.

# FLUE OPTIONS

## HORIZONTAL FLUE WITH 2 X 45° ELBOW



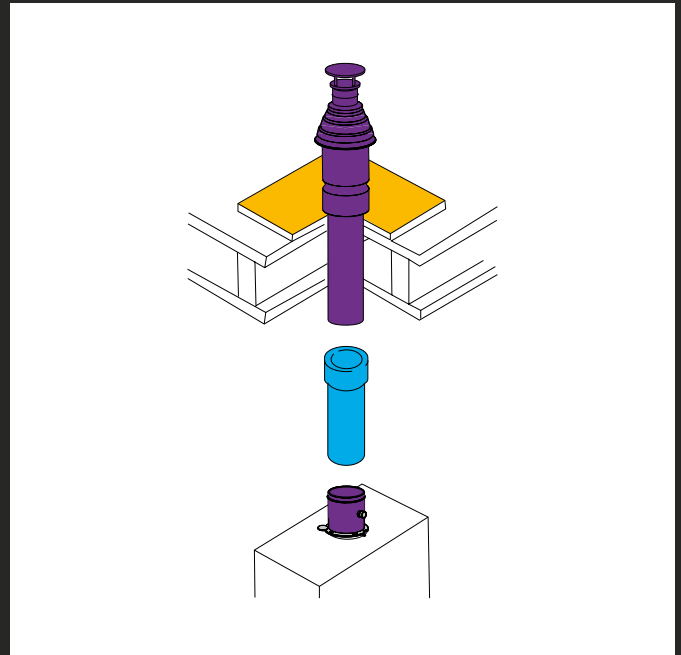
FLUE	PART NO.
Horizontal flue terminal (0.6m long)**	208171
Flue extension 1m	203129
Flue elbow 45° pair (60/100)	203131

**NOTE:** Please refer to the installation and service manual for assistance in calculating flue lengths. Adequate support must be provided for the flue in accordance with the installation instructions.

**\*\*Horizontal flue terminal** - contains: turret, non-telescopic flue with terminal and rubber wall seals.

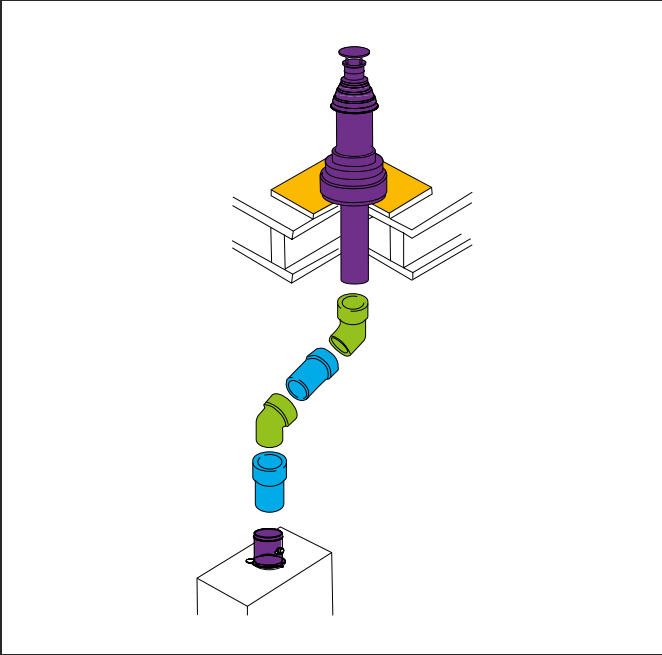
The flue system incorporates a removable flue outlet nose that utilises a push fit location system. This enables the installation of a Deflector, High level or Balcony flue kit without the removal of the whole 'B' pack terminal.

## ROOF FLUE SYSTEM



FLUE	PART NO.
Roof flue kit (with vertical connector)	211039
Flue extension 1m†	203129
Universal weather collar (suits any roof pitch)	152258
Flat roof weather collar	152259

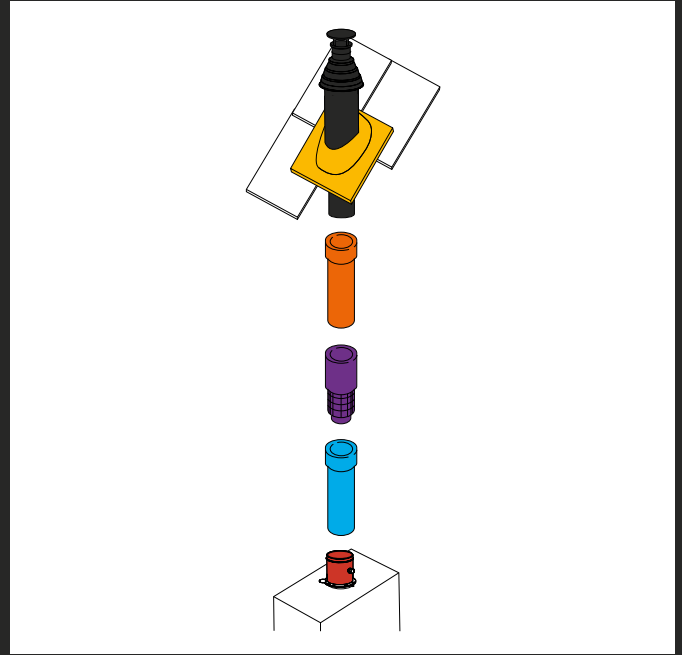
## ROOF FLUE SYSTEM WITH 2 X 45° ELBOW



FLUE	PART NO.
Roof flue kit (with vertical connector)	211039
Flue extension 1m†	203129
Flue elbow 45° pair (60/100)	203131
Universal weather collar (suits any roof pitch)	152258
Flat roof weather collar	152259

**NOTE:** Please refer to the installation and service manual for assistance in calculating flue lengths. Adequate support must be provided for the flue in accordance with the installation instructions.

## POWERED VERTICAL FLUE SYSTEM



FLUE	PART NO.
Vertical powered flue kit	203136
Flue vertical connector	208175
Flue powered vertical terminal	203134
Universal weather collar (suits any roof pitch)	152258
Flat roof weather collar	152259
Flue extension 1m†	203129
Flue extension pipe 80 dia (pair)	203142

**NOTE:** Allows the boiler to be sited in a position where no access to an outside wall is available. Permits the concentric flue to run vertically from the top of the boiler and obtain air supply within the roof space, the secondary flue continuing to the external flue terminal. Offset applications are permissible though the maximum length is reduced. Where extension D packs are cut to length, the flared end connector must be retained.



# FLUE OPTIONS

This easy to install kit allows the boiler flue outlet to be extended external to the building, upwards to provide a flue exit at high level, overcoming problems associated with plume emission. The kit is simple to retrofit if necessary.

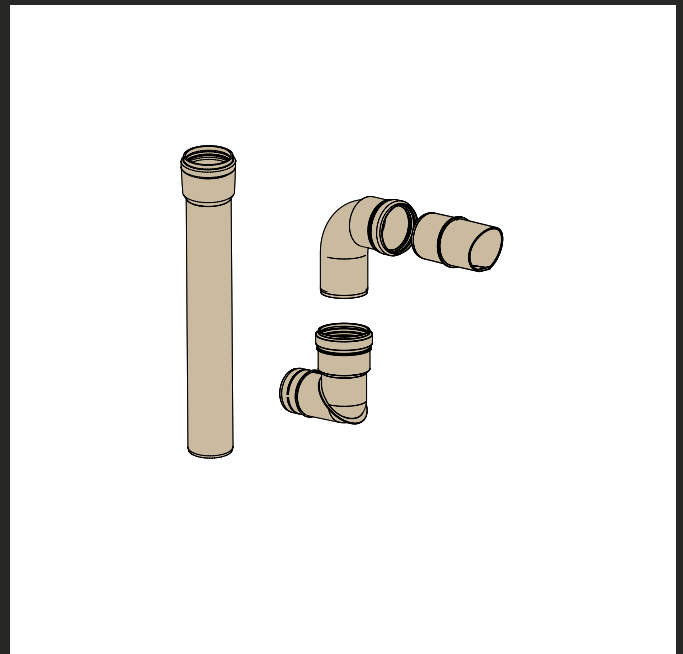
An external 60mm diameter flue leads from the boiler terminal (which includes a 90° elbow at the flue exit) to terminate with a 90° elbow complete with grille. Push fit 1m extension pipes are used as required, and the fixing clips supplied support the system from the wall. Both 90° and 45° elbows are available to provide routing options.



## The kit comprises:

1 x Flue elbow, 1 x 60mm flue exit elbow, 1 x 60mm horizontal flue exit, 1 x 60mm x 500mm flue outlet, 1 x Extension pipe

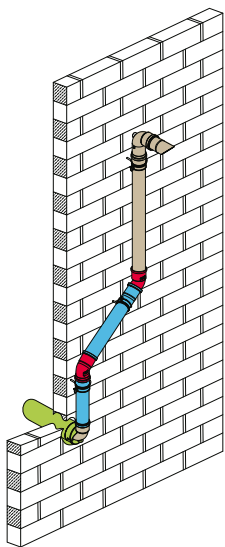
This kit is specified for use with the normal standard B pack. The standard terminal nose is replaced with the high level terminal.



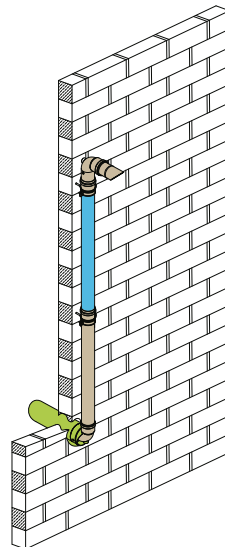
FLUE	IDEAL PART NO.
Horizontal flue terminal (0.6m long)	208171
High level flue outlet kit	208178
Flue extension kit 60 dia (1m) - for high level flue outlet kit	203228
High level 90° elbow	203229
High level 45° elbow	203230

Diagram representative only

**NOTE:** Please refer to the installation and service manual for assistance in calculating flue lengths. Adequate support must be provided for the flue in accordance with the installation instructions.



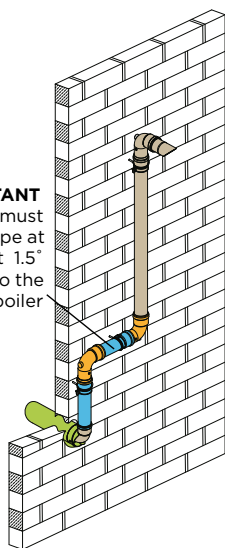
45° Left or Right



Vertical

Horizontal  
Left or Right

**IMPORTANT**  
Flue must  
always slope at  
least 1.5°  
back to the  
boiler



**RESISTANCE**

**METRES**

90° elbow

1.4

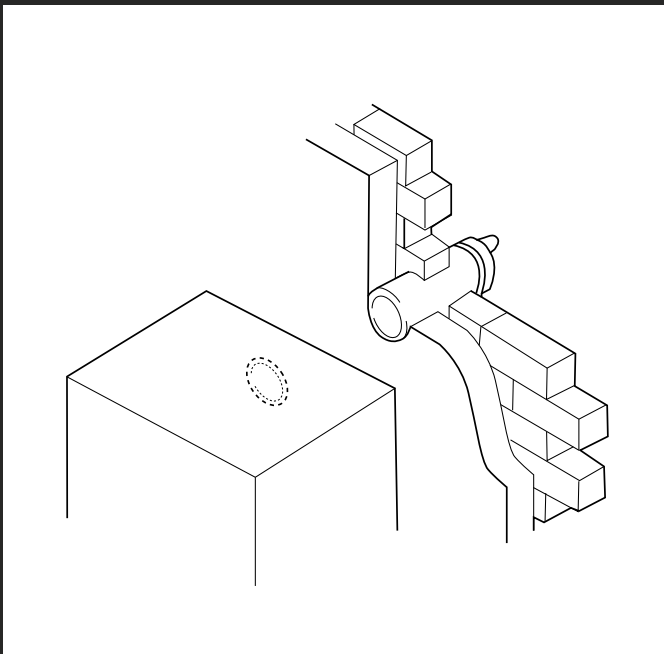
45° elbow (pair)

1.25

**NOTE:** If additional elbows to those supplied in the High Level Flue Outlet kit are used, deduct the following resistances (metres) from the maximum boiler flue length.

# LOGIC FLUE OPTIONS

The Logic Max heat and Logic+ heat both come with an optional rear flue outlet which means it can be installed directly behind the boiler rather than on top of it.



## REAR OUTLET FLUE TERMINAL (55/80) - 80MM

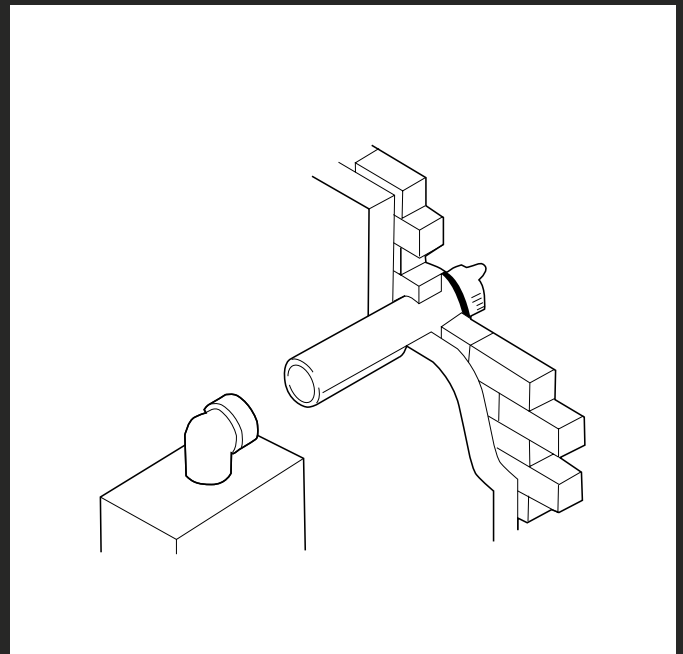
FLUE	PART NO.
Rear outlet flue outlet kit (55/80)	205990

**NOTE:** Length is wall thickness. Minimum wall thickness permissible is 115mm. No extensions are permitted.

FLUEING ACCESSORIES	PART NO.
Flue finishing kit (55/80)	206151

LOGIC HEAT ONLY	PART NO.
High level outlet kit (55/80)	205989

**NOTE:** Please refer to the installation and service manual for assistance in calculating flue lengths. For 1m extension and elbows use standard parts 203228/9 & 30.



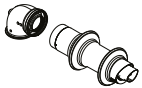
## HIGH RISE FLUE KIT

FLUE	PART NO.
Horizontal high rise flue (0.6m long)	223629
Horizontal high rise flue (1m long)	224701
Flue extension (1m) high rise	224702
Balcony kit high rise	224703

**NOTE:** Similar to 208171 but with an aluminium flue duct and unpainted air duct to comply with the revised Building Regulations for buildings over 18m high.

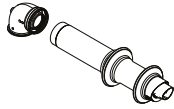
# FLUE ACCESSORIES

Telescopic flue terminal  
(0.6m long)



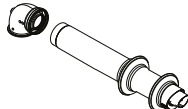
Ideal part no.  
208169

Horizontal flue terminal  
(0.6m long)



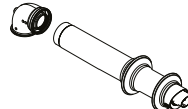
Ideal part no.  
208171

Telescopic flue terminal  
(1m long)



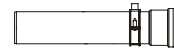
Ideal part no.  
208174

Horizontal flue terminal (1m long)



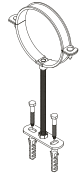
Ideal part no.  
217442

Flue extension  
0.5m, 1m or 2m



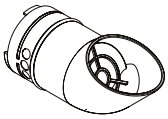
Ideal part no.  
0.5m 211037  
1m 203129  
2m 211038

Flue Bracket Kit



Ideal part no.  
205247

Flue deflector  
60 dia



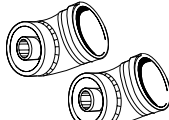
Ideal part no.  
208176

Flue elbow 90°  
kit (60/100)  
packaged



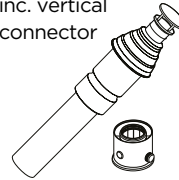
Ideal part no.  
203130

Flue elbow 45°  
kit (60/100)  
packaged (pair)



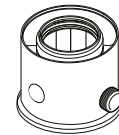
Ideal part no.  
203131

Roof flue kit  
inc. vertical  
connector



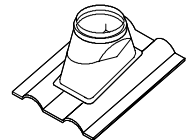
Ideal part no.  
211039

Flue vertical  
connector



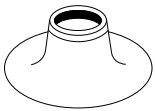
Ideal part no.  
208175

Weather collar  
(universal)  
100 dia



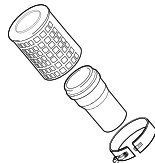
Ideal part no.  
152258

Weather collar  
(flat roof) 100 dia



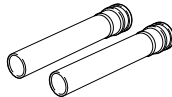
Ideal part no.  
152259

Vertical  
Powered flue kit



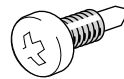
Ideal part no.  
203136

Flue extension  
pipe 80 dia  
(pair) twin/vertical



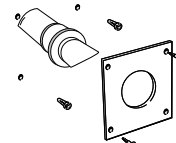
Ideal part no.  
203142

Concentric flue  
screw retaining  
kit



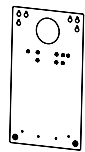
Ideal part no.  
205024

Flue finishing kit



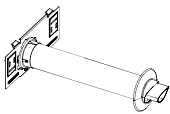
Ideal part no.  
155988  
(55/80) 206151

Terminal wall plate



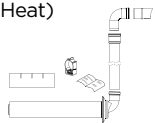
Ideal part no.  
211328 (System)  
206164 (Heat)

Rear outlet flue  
(55/80) (Heat)



Ideal part no.  
205990

High level flue  
outlet kit (rear  
outlet only 55/80)  
(Heat)



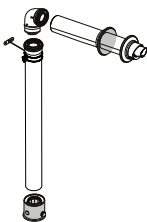
Ideal part no.  
205989

Flue powered  
vertical terminal  
100 dia



Ideal part no.  
203134

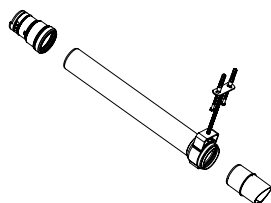
Raised horizontal  
flue outlet kit



**NOTE:**  
A 1 metre vertical pipe is supplied as standard. Both horizontal and vertical lengths can be extended using extension pack D. Refer to installation instructions for maximum lengths.

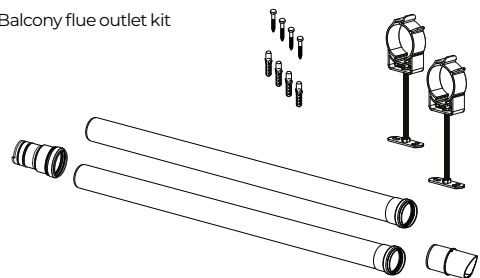
Ideal part no. 208290

Soffit kit



Ideal part no. 211302

Balcony flue outlet kit



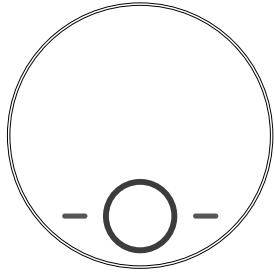
Ideal part no. 208177



# INSTALLATION ACCESSORIES

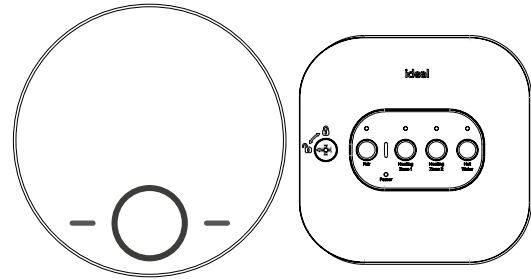
Our range of installation accessories are widely available due to our excellent distribution network. Our installation accessories include a range of brackets and stand off kits as well as a range of kits to help you deal with any situation.

## IDEAL HALO RF & WI-FI



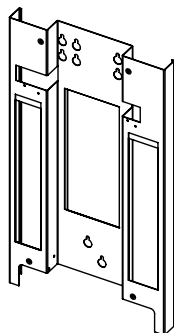
PART NO.	COMBI	HEAT	SYSTEM
222140 (RF)	✓	✗	✗
222142 (Wi-Fi)	✓	✗	✗
222141 (RF)	✗	✓	✓
222143 (Wi-Fi)	✗	✓	✓

## IDEAL HALO 2-ZONE EXTENSION KIT



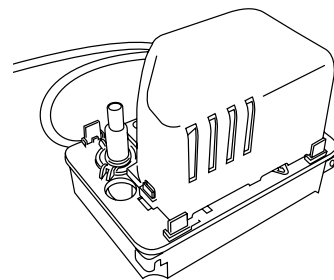
PART NO.	COMBI	HEAT	SYSTEM
222144	✓	✗	✗
222145	✗	✓	✓

## STAND OFF KIT



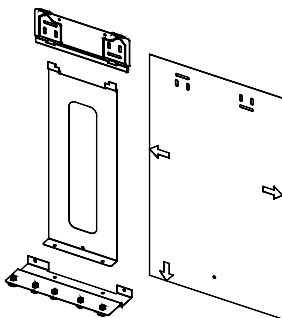
PART NO.	COMBI	HEAT	SYSTEM
211103 (Logic only)	✓	✗	✓
206153 (Logic only)	✗	✓	✗

## CONDENSATE PUMP KIT



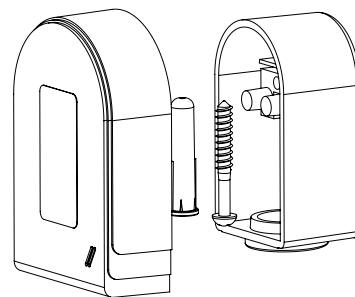
PART NO.	COMBI	HEAT	SYSTEM
159991	✓	✓	✓

## PRE-PIPING KIT



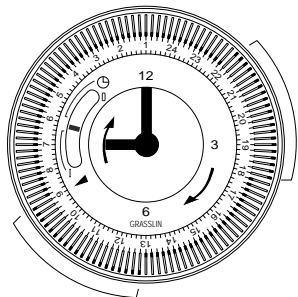
PART NO.	COMBI	HEAT	SYSTEM
211041	✓	✗	✗
211331	✗	✗	✓

## WEATHER COMPENSATION OUTDOOR SENSOR



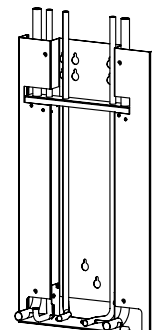
PART NO.	COMBI	HEAT	SYSTEM
216119	✓	✓	✓

### MECHANICAL TIMER



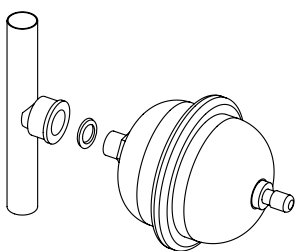
PART NO.	COMBI	HEAT	SYSTEM
215390	✓	✗	✗

### STAND OFF KIT (INC. PIPING)



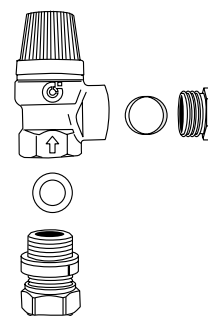
PART NO.	COMBI	HEAT	SYSTEM
211101 (Logic only)	✓	✗	✗
211330 (Logic only)	✗	✗	✓

### DHW EXPANSION VESSEL KIT



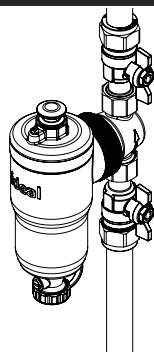
PART NO.	COMBI	HEAT	SYSTEM
205419	✓	✗	✗

### SECONDARY PRESSURE RELIEF VALVE KIT



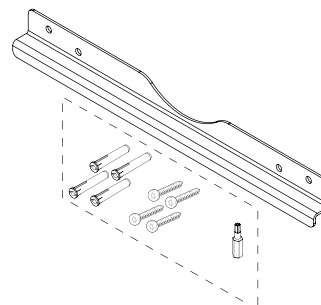
PART NO.	COMBI	HEAT	SYSTEM
204565	✓	✗	✓

### IDEAL SYSTEM FILTER



PART NO.	COMBI	HEAT	SYSTEM
222971	✓	✓	✓

### SECURITY BRACKET KIT



PART NO.	COMBI	HEAT	SYSTEM
205217	✓	✓	✓

# TECHNICAL SPECIFICATIONS



## VOGUE MAX COMBI TECHNICAL SPECIFICATION

		VOGUE MAX COMBI		
BOILER MODEL		26	32	40
PRODUCT CODE		218856	218857	218858
<b>SIZE</b>	Height (mm)	740	740	740
	Width (mm)	445	445	445
	Depth (mm)	330	330	330
	Packaged weight (kg)	40.1	41.4	43.4
	Installation weight (kg)	32.4	33.8	35.4
<b>PERFORMANCE</b>	CH output (kW) Min/Max mean 70°C	3.7-18.0	4.6-26.0	5.7-32.0
	CH output (kW) Min/Max mean 40°C	4.0-19.3	4.9-27.9	6.1-34.3
	DHW output (kW) Max	26	32	40
	DHW flow rate l/min. 35°C rise	10.6	13.1	16.4
	SEDBUK (2005) %	91.0	91.1	91.0
	SEDBUK (2009/2012) %	89.1	89.2	89.1
	NOx Classification	6	6	6
	Optional LPG kit	Yes	Yes	Yes
<b>CONSTRUCTION</b>	Heat exchanger material	Stainless steel	Stainless steel	Stainless steel
	Burner type	Pre-mix with cool burner door		
	Fully modulating output	7:1	7:1	7:1
	DHW plate heat exchanger	Yes	Yes	Yes
	Integrated hydrobloc	Yes	Yes	Yes
<b>INSTALLATION</b>	Suitable for sealed systems	Yes	Yes	Yes
	Suitable for open-vent systems	No	No	No
	Filling loop	Yes	Yes	Yes
	Pre-wired mains lead	Yes	Yes	Yes
	In-built system bypass	Yes	Yes	Yes
	In-built condensate trap/siphon	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes
	Safety valve drain outlet pipe	Yes	Yes	Yes
Zero compartment ventilation	Yes	Yes	Yes	
<b>CLEARANCES</b>	Top (min. mm) (from top of boiler)	165	165	165
	Side (mm)	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*
	Front (mm)	450*	450*	450*
<b>USER INTERFACE</b>	User display	Large full colour backlit LCD with text & symbols		
	User interface	Text display & multi-function buttons		
	Diagnostics	Plain English text		
	User adjustable	Manual heating & hot water controls		
	DHW preheat	Yes	Yes	Yes
	Pressure gauge	Analogue in control panel		
	In-built programmer	Optional (Mechanical & electronic)		
<b>PIPES</b>	Stand-off kit	Yes	Yes	Yes
	Stand-off kit inc. pipes.	Yes	Yes	Yes
<b>FLUES</b>	Max horizontal	10	8	8
	Max vertical	10	10	10
<b>CONNECTIONS**</b>	Gas supply connection	22mm copper compression		
	CH flow connection	22mm copper compression		
	CH return connection	22mm copper compression		
	Inlet connection - DHW	15mm copper compression		
	Outlet connection - DHW	15mm copper compression		
	Condensate drain	21.5mm universal		
<b>ErP EFFICIENCIES</b>	Condensing boiler	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A
	Rated heat output kW	18	26	32
	Seasonal space heating energy efficiency $\eta_s$ %	93	93	93
	Sound power level, indoors LWA dB	47	50	49
	Water heating energy efficiency class	A	A	A



## VOGUE MAX SYSTEM TECHNICAL SPECIFICATION

		VOGUE MAX SYSTEM			
BOILER MODEL		15	18	26	32
PRODUCT CODE		218859	218860	218861	218862
<b>SIZE</b>	Height (mm)	740	740	740	740
	Width (mm)	445	445	445	445
	Depth (mm)	330	330	330	330
	Packaged weight (kg)	38	38.8	40.2	42.2
	Installation weight (kg)	30.7	31.5	32.9	34.3
<b>PERFORMANCE</b>	CH output (kW) Min/Max mean 70°C	3.0-15.0	3.6-18.0	5.2-26.0	6.4-32.0
	CH output (kW) Min/Max mean 40°C	3.2-16.2	3.9-19.3	5.6-27.9	6.8-34.3
	DHW output (kW) Max	N/A	N/A	N/A	N/A
	DHW flow rate l/min. 35°C rise	N/A	N/A	N/A	N/A
	SEDBUK (2005) %	91.0	91.1	91.1	91.1
	SEDBUK (2009/2012) %	88.9	89.3	89.3	89.3
	NOx Classification	6	6	6	6
	Optional LPG kit	Yes	Yes	Yes	Yes
<b>CONSTRUCTION</b>	Heat exchanger material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Burner type	Pre-mix with cool burner door			
	Fully modulating output	5:1	5:1	5:1	5:1
	DHW plate heat exchanger	N/A	N/A	N/A	N/A
	Integrated hydrobloc	N/A	N/A	N/A	N/A
<b>INSTALLATION</b>	Suitable for sealed systems	Yes	Yes	Yes	Yes
	Suitable for open-vent systems	No	No	No	No
	Filling loop	No	No	No	No
	Pre-wired mains lead	Yes	Yes	Yes	Yes
	In-built system bypass	Yes	Yes	Yes	Yes
	In-built condensate trap/siphon	Yes	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes	Yes
	Safety valve drain outlet pipe	Yes	Yes	Yes	Yes
	Zero compartment ventilation	Yes	Yes	Yes	Yes
<b>CLEARANCES</b>	Top (min. mm) (from top of boiler)	165	165	165	165
	Side (mm)	2.5	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*	100*
	Front (mm)	450*	450*	450*	450*
<b>USER INTERFACE</b>	User display	Large full colour backlit LCD with text & symbols			
	User interface	Text display & multi-function buttons			
	Diagnostics	Plain English text			
	User adjustable	Manual heating control			
	DHW preheat	N/A	N/A	N/A	N/A
	Pressure gauge	Analogue in control panel			
	In-built programmer	No	No	No	No
<b>PIPES</b>	Stand-off kit	Yes	Yes	Yes	Yes
	Stand-off kit inc. pipes.	Yes	Yes	Yes	Yes
<b>FLUES</b>	Max horizontal	10	10	10	8
	Max vertical	10	10	10	10
<b>CONNECTIONS**</b>	Gas supply connection	22mm copper compression			
	CH flow connection	22mm copper compression			
	CH return connection	22mm copper compression			
	Inlet connection - DHW	N/A			
	Outlet connection - DHW	N/A			
	Condensate drain	21.5mm universal			
<b>ErP EFFICIENCIES</b>	Condensing boiler	Yes	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A	A
	Rated heat output kW	15	18	26	32
	Seasonal space heating energy efficiency $\eta_s$ %	92	93	93	93
	Sound power level, indoors LWA dB	50	52	52	50
	Water heating energy efficiency class	N/A	N/A	N/A	N/A

## LOGIC MAX COMBI TECHNICAL SPECIFICATION

		LOGIC MAX COMBI		
BOILER MODEL		24	30	35
PRODUCT CODE		218872	218873	218874
<b>SIZE</b>	Height (mm)	700	700	700
	Width (mm)	395	395	395
	Depth (mm)	278	278	278
	Weight (packed) kg	36.5	36.6	36.7
	Maximum installation weight kg	29.2	29.3	29.4
<b>PERFORMANCE</b>	CH output (kW) Min/Max mean 70°C	4.8 - 24.2	6.1 - 24.2	7.1 - 24.2
	CH output (kW) Min/Max mean 40°C	5.1 - 25.6	6.4 - 25.6	7.5 - 25.6
	DHW output (kW) Max	24.2	30.3	35.3
	DHW flow rate l/min. 35°C rise	9.9	12.4	14.5
	SEDBUK (2005) %	91.1	91.1	91.1
	SEDBUK (2009/2012) %	89.6	89.6	89.6
	NOx Classification	6	6	6
	Optional LPG kit	No	Yes	No
<b>CONSTRUCTION</b>	Heat exchanger material	Cast Aluminium - Silicon Alloy		
	Burner type	Downward firing pre-mix		
	Fully modulating	Yes	Yes	Yes
	DHW plate heat exchanger	Yes	Yes	Yes
	Integrated hydrobloc	Yes	Yes	Yes
<b>INSTALLATION</b>	Suitable for sealed systems	Yes	Yes	Yes
	Suitable for open-vent systems	No	No	No
	Filling loop	Yes	Yes	Yes
	Pre-wired mains lead	Yes	Yes	Yes
	Flow regulator	Yes	Yes	Yes
	In-built system bypass	Yes	Yes	Yes
	In-built condensate trap/siphon	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes
Zero compartment ventilation	Yes	Yes	Yes	
<b>CLEARANCES</b>	Top (min. mm) from top of boiler	165	165	165
	Side (mm)	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*
	Front (mm)	450*	450*	450*
<b>USER INTERFACE</b>	User display	Symbols		
	User interface	3 dials, 2 buttons		
	Diagnostics	Fault diagnosis display		
	User adjustable	Manual heating & hot water controls		
	'Eco' setting on CH	Yes	Yes	Yes
	In-built programmer	Optional	Optional	Optional
<b>PIPES</b>	Pre-piping kit	Optional	Optional	Optional
	Stand-off kit	Optional	Optional	Optional
	Stand-off kit inc. pipes	Optional	Optional	Optional
<b>FLUES</b>	Max horizontal	9m	8m	6m
	Max vertical	7.5m	7.5m	7.5m
	Powered vertical**	22m	22m	22m
	Direct rear flue kit (55/80)	No	No	No
<b>CONNECTIONS<sup>††</sup></b>	Gas supply connection	15mm copper compression		
	CH flow connection	22mm copper compression		
	CH return connection	22mm copper compression		
	Inlet connection - DHW	15mm copper compression		
	Outlet connection - DHW	15mm copper compression		
	Condensate drain	21.5mm universal		
<b>ErP EFFICIENCIES</b>	Condensing boiler	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A
	Rated heat output kW	24	24	24
	Seasonal space heating energy efficiency $\eta_s$ %	94	94	94
	Sound power level, indoors LWA dB	48	46	44
	Water heating energy efficiency class	A	A	A

## LOGIC MAX SYSTEM TECHNICAL SPECIFICATION

		LOGIC MAX SYSTEM			
BOILER MODEL		15	18	24	30
PRODUCT CODE		218868	218869	218870	218871
<b>SIZE</b>	Height (mm)	700	700	700	700
	Width (mm)	395	395	395	395
	Depth (mm)	278	278	278	278
	Weight (packed) kg	34.0	34.0	34.0	34.0
	Maximum installation weight kg	26.1	26.1	26.1	26.1
<b>PERFORMANCE</b>	CH output (kW) Min/Max mean 70°C	4.8 - 15.0	4.8 - 18.0	4.8 - 24.2	6.1 - 30.3
	CH output (kW) Min/Max mean 40°C	5.1 - 15.9	5.1 - 19.1	5.1 - 25.6	6.4 - 31.0
	DHW output (kW) Max	N/A	N/A	N/A	N/A
	DHW flow rate l/min. 35°C rise	N/A	N/A	N/A	N/A
	SEDBUK (2005) %	91.2	91.1	91.2	91.1
	SEDBUK (2009/2012) %	89.4	89.7	89.7	89.6
	NOx Classification	6	6	6	6
	Optional LPG kit	No	No	No	Yes
<b>CONSTRUCTION</b>	Heat exchanger material	Cast Aluminium - Silicon Alloy			
	Burner type	Downward firing pre-mix			
	Fully modulating	Yes	Yes	Yes	Yes
	DHW plate heat exchanger	N/A	N/A	N/A	N/A
	Integrated hydrobloc	N/A	N/A	N/A	N/A
<b>INSTALLATION</b>	Suitable for sealed systems	Yes	Yes	Yes	Yes
	Suitable for open-vent systems	No	No	No	No
	Filling loop	No	No	No	No
	Pre-wired mains lead	Yes	Yes	Yes	Yes
	Flow regulator	N/A	N/A	N/A	N/A
	In-built system bypass	Yes	Yes	Yes	Yes
	In-built condensate trap/siphon	Yes	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes	Yes
	Zero compartment ventilation	Yes	Yes	Yes	Yes
<b>CLEARANCES</b>	Top (min. mm) from top of boiler	165	165	165	165
	Side (mm)	2.5	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*	100*
	Front (mm)	450*	450*	450*	450*
<b>USER INTERFACE</b>	User display	Symbols			
	User interface	2 dials, 2 buttons			
	Diagnostics	Fault diagnosis display			
	User adjustable	Manual heating control			
	'Eco' setting on CH	Yes	Yes	Yes	Yes
	In-built programmer	No	No	No	No
<b>PIPES</b>	Pre-piping kit	Optional	Optional	Optional	Optional
	Stand-off kit	Optional	Optional	Optional	Optional
	Stand-off kit inc. pipes	Optional	Optional	Optional	Optional
<b>FLUES</b>	Max horizontal	9m	9m	9m	8m
	Max vertical	7.5m	7.5m	7.5m	7.5m
	Powered vertical**	22m	22m	22m	22m
	Direct rear flue kit (55/80)	No	No	No	No
<b>CONNECTIONS<sup>††</sup></b>	Gas supply connection	15mm copper compression			
	CH flow connection	22mm copper compression			
	CH return connection	22mm copper compression			
	Inlet connection - DHW	N/A			
	Outlet connection - DHW	N/A			
	Condensate drain	21.5mm universal			
<b>ErP EFFICIENCIES</b>	Condensing boiler	Yes	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A	A
	Rated heat output kW	15	18	24	30
	Seasonal space heating energy efficiency $\eta_s$ %	93	93	94	93
	Sound power level, indoors LWA dB	44	46	48	48
	Water heating energy efficiency class	N/A	N/A	N/A	N/A

## LOGIC MAX HEAT TECHNICAL SPECIFICATION

BOILER MODEL		LOGIC MAX HEAT				
		12	15	18	24	30
PRODUCT CODE		218863	218864	218865	218866	218867
SIZE	Height (mm)	700	700	700	700	700
	Width (mm)	395	395	395	395	395
	Depth (mm)	278	278	278	278	278
	Weight (packed) kg	28.7	28.7	28.7	28.7	28.7
	Maximum installation weight kg	22.7	22.7	22.7	22.7	22.7
PERFORMANCE	CH output (kW) Min/Max mean 70°C	4.8 - 12.0	4.8 - 15.0	4.8 - 18.0	4.8 - 24.2	6.1 - 30.3
	CH output (kW) Min/Max mean 40°C	5.1 - 13.0	5.1 - 15.9	5.1 - 19.1	5.1 - 25.6	6.4 - 31.0
	DHW output (kW) Max	N/A	N/A	N/A	N/A	N/A
	DHW flow rate l/min. 35°C rise	N/A	N/A	N/A	N/A	N/A
	SEDBUK (2005) %	91.1	91.1	91.1	91.2	91.1
	SEDBUK (2009/2012) %	89.4	89.4	89.7	89.7	89.6
	NOx Classification	6	6	6	6	6
	Optional LPG kit	No	No	No	No	Yes
CONSTRUCTION	Heat exchanger material	Cast Aluminium - Silicon Alloy				
	Burner type	Downward firing pre-mix				
	Fully modulating	Yes	Yes	Yes	Yes	Yes
	DHW plate heat exchanger	N/A	N/A	N/A	N/A	N/A
	Integrated hydrobloc	N/A	N/A	N/A	N/A	N/A
INSTALLATION	Suitable for sealed systems	Yes	Yes	Yes	Yes	Yes
	Suitable for open-vent systems	Yes	Yes	Yes	Yes	Yes
	Filling loop	No	No	No	No	No
	Pre-wired mains lead	No	No	No	No	No
	Flow regulator	N/A	N/A	N/A	N/A	N/A
	In-built system bypass	No	No	No	No	No
	In-built condensate trap/siphon	Yes	Yes	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes	Yes	Yes
	Zero compartment ventilation	Yes	Yes	Yes	Yes	Yes
CLEARANCES	Top (min. mm) from top of boiler	165 (100 with rear outlet flue)				
	Side (mm)	2.5	2.5	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*	100*	100*
	Front (mm)	450*	450*	450*	450*	450*
	USER INTERFACE	User display	Symbols			
User interface		2 dials, 2 buttons				
Diagnostics		Fault diagnosis display				
User adjustable		Manual heating control				
'Eco' setting on CH		Yes	Yes	Yes	Yes	Yes
In-built programmer		No	No	No	No	No
PIPES	Pre-piping kit	No	No	No	No	No
	Stand-off kit	Optional	Optional	Optional	Optional	Optional
	Stand-off kit inc. pipes	No	No	No	No	No
FLUES	Max horizontal	9m	9m	9m	9m	8m
	Max vertical	7.5m <sup>†</sup>	7.5m <sup>†</sup>	7.5m <sup>†</sup>	7.5m <sup>†</sup>	7.5m <sup>†</sup>
	Powered vertical**	22m	22m	22m	22m	22m
	Direct rear flue kit (55/80)	Yes	Yes	Yes	Yes	Yes
CONNECTIONS <sup>††</sup>	Gas supply connection	15mm copper compression				
	CH flow connection	22mm copper compression				
	CH return connection	22mm copper compression				
	Inlet connection - DHW	N/A				
	Outlet connection - DHW	N/A				
	Condensate drain	21.5mm universal				
ErP EFFICIENCIES	Condensing boiler	Yes	Yes	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A	A	A
	Rated heat output kW	12	15	18	24	30
	Seasonal space heating energy efficiency $\eta_s$ %	93	93	93	94	93
	Sound power level, indoors LWA dB	36	38	41	47	49
	Water heating energy efficiency class	N/A	N/A	N/A	N/A	N/A









Customer Service:

**01482 498660**

Technical Help:

**01482 498663**

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**EXPERTS IN  
HEATING**

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