

high efficiency



SEDBUK A rated

icos HE

icos system HE

isar HE

istor HE

BOILERS
Ideal
ENGINEERED FOR PEACE OF MIND



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introduction

Welcome to the HE range of boilers from Ideal. Throughout you will find that exceptional reliability has been our overriding goal, and that the needs and expectations of the installer have been uppermost in our considerations.

World class manufacturing

Ideal is one of the most respected names in the heating industry and the only company in its field to have achieved 'World Class Manufacturer' accreditation in the prestigious IBM and London Business School UK manufacturing survey. For over 90 years we have been designing, refining and manufacturing appliances that are not only trusted by the trade, but also relied upon by homeowners the length and breadth of the country.

Our Hull-based factory is part of only 2% of all manufacturing sites in the UK that have been independently judged as meeting the criteria for World Class Manufacturing status, while our superior manufacturing facilities mean that we can achieve 'right first time' quality. In accordance with the company's World Class status, we have adopted a programme of continuous improvement which ensures that we constantly measure and monitor our performance to drive improvement through innovation.

Dedicated to excellence

Everyone at Ideal is committed to delivering incomparable quality. Which is why these products have been created to lead the way in innovative engineering, inspired design and, above all else, exceptional standards of reliability.

Engineered for peace of mind

The components which have been used throughout the appliances are not only manufactured to extremely high technical specifications, they are also common across the range. As a result, the HE range of boilers are dependable, simple to understand and require minimal maintenance and servicing.

To ensure this dependability, each of our boilers is also subjected to an extraordinarily stringent regime of product assessment. This includes rigorous application testing, as well as extensive laboratory and field trials.

What's more, the versatile design, which includes no compartment ventilation and twin-pipe fluing, makes siting extremely flexible - meaning minimum hassle at no extra cost for the installer.

Glossary of terms

- FF = fan-flued boiler
- TRV = thermostatic radiator valve
- CH = central heating
- DHW = domestic hot water
- PCB = printed circuit board

SEDBUK rating



These products have an energy rating of A on a scale of A-G. For more information see www.sedbuk.com

an appliance for any application

The boilers featured in this brochure cover the majority of applications, namely: system, combi, heat-only and system store. So no matter what system design the appliance will be required to power, there is an Ideal boiler that is perfect for the job.

icos high-efficiency boiler

Thanks to its flexibility of siting, ease of installation and advanced reliability, Ideal's icos HE high-efficiency boiler is a further improvement on previous models. It can be fitted in conjunction with any fully pumped system and is available in four models, icos HE 12, icos HE 15, icos HE 18 and icos HE 24.

icos system high-efficiency boiler

The Ideal icos system HE high-efficiency boiler shares the same benefits as its heat-only counterpart, but has all the necessary components incorporated into the product to enable easy installation to a fully pumped sealed system.

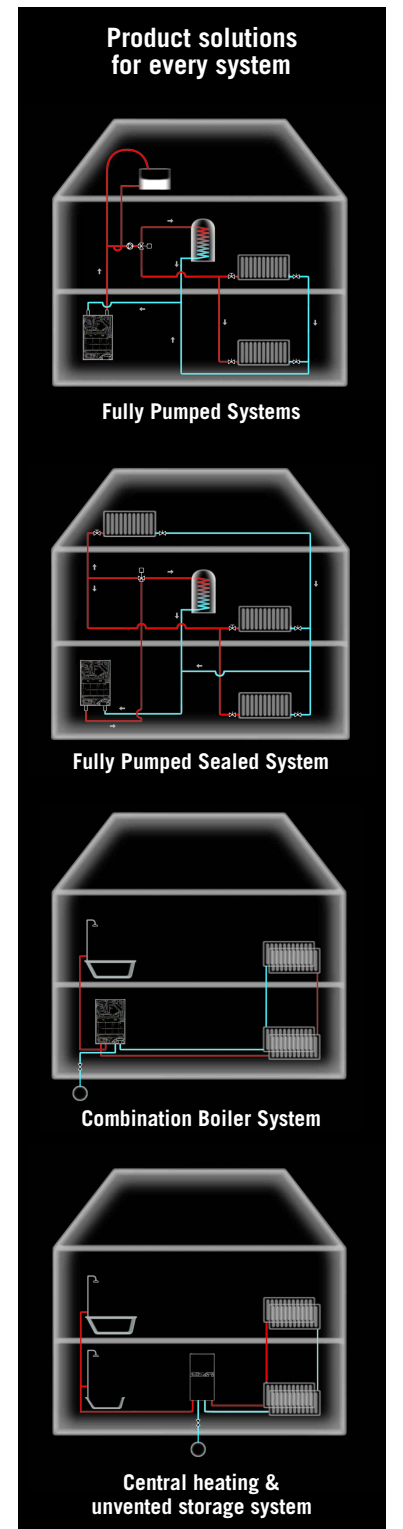
isar high-efficiency combination boiler

The Ideal isar HE high-efficiency system boiler shares the same benefits as its heat-only counterpart but has all the necessary components incorporated into the product to enable easy installation to a fully pumped sealed system.

The boiler is ideal for meeting the heating requirements for the majority of houses and is available in three models, isar HE 24, isar HE 30, and isar HE 35.

istor high-efficiency boiler

A complete heating and unvented hot water system in a single unit gives a simple and space saving installation. The Ideal istor HE high-efficiency boiler ensures low running costs in conjunction with a fast recovery cylinder for large quantities of mains pressure hot water. The istor HE is available in two models, the istor HE 260 and the istor HE 325.



product features

Each of Ideal's HE boilers contains only those parts that are necessary to deliver dependability and performance, or that make the product easier to fit, operate or install. As a result, they all offer exceptional levels of reliability and are easily maintained and serviced.

Common components

All our appliances share a wide number of common parts – making them easier to install, service, and maintain. These items include components such as the gas valve, burner, venturi, fan, fluing system and controls.

Simple to fit and service

Because they have so much in common, fewer spares are required to maintain the range of boilers.

All products are 'self-adjusting' (other than the Ideal istor HE). This allows the installer to fit the products without the need to make any alterations. The boilers, being fully modulating, adjust themselves to the required output to meet the heating load.

Unprecedented reliability

We have introduced new test procedures which are comprised of a demanding series of application tests to ensure that the boiler is fault-free.

We have never been tougher on ourselves or our products, and you will find that it shows in the new standards of reliability which these products have attained.

PRODUCT FEATURES

	icos HE heat-only	icos HE system	isar HE combination	istor HE system store
Remotely mountable user controls (optional kit required)	✓	✓	✓	✓
Alpha-numeric diagnostic display	✓	✓	✓	✓
Kitchen cupboard fit*	✓	✓	✓	n/a
No compartment ventilation required	✓	✓	✓	✓
Syphon kit available	✓	✓	✓	✓
Boiler stand-off kit	✓	✓	✓	n/a

* **Note:** When stand-off brackets are fitted, standard kitchen cupboard fit does not apply.

Note: For heat-only and system boilers, where a mid-position diverter valve is used, a bypass is not necessary as one circuit will always be open. Where the system is designed so that both circuits can be closed simultaneously, then a bypass must be fitted, comprising at least 3 metres of 22mm copper tube, including a lockshield or automatic valve set to achieve a maximum of 11°C T.

building regulation compliance

To comply with Part L of the Building Regulations 2002, and Building Standards (Scotland) Part J, domestic boilers are required to meet minimum SEDBUK ratings of 78%.

SEDBUK - Seasonal Efficiency of Domestic Boilers in the UK

The SEDBUK efficiency of a domestic boiler is an approved method of representing the energy efficiency of a boiler under assumed typical operating conditions.

A boiler's efficiency is calculated using the SEDBUK rating (Seasonal Efficiency of Domestic Boilers in the UK). This rating defines the average annual efficiency of a domestic boiler achieved in typical domestic conditions, making reasonable assumptions about pattern of usage, climate, control and other influences. SEDBUK efficiencies are banded A–G (with A being the highest). The Ideal products isar, icos, icos system and istor are SEDBUK A rating approved with energy ratings over 90%, making this a high-efficiency boiler range that exceeds current Building Regulations, including Part L1.

Band	SEDBUK range
A	Above 90%
B	86% – 90%
C	82% – 86%
D	78% – 82%
E	74% – 78%
F	70% – 74%
G	Below 70%

Caradon Ideal Ltd hereby declare that the boilers listed below meet the essential requirements for heating plant as described in: Building Regulations - Conservation of fuel and power. Part L1 2002. Building Standards (Scotland) Regulations - Part 'J'.

DETAILS OF COMPLIANCE

Boiler	Range	Certificate No.	Notified body	Reference
istor HE	260/325	TBA	TBA	TBA
icos HE	12 - 24kW	E0818	Gastec	0063
icos system HE	24kW	E0818	Gastec	0063
isar HE	24 - 35kW	E0818	Gastec	0063



icos HE and icos system HE

The Ideal high-efficiency heat-only and system boilers

These high-efficiency boilers from Ideal combine a modern, stylish exterior with simple yet highly reliable engineering. This has resulted in appliances that are easily installed and that require minimal servicing and maintenance, while to the homeowner it represents an advanced, dependable product which looks at home in any environment and offers years of trouble-free service, as well as a reduction in gas bills.

Application and usage

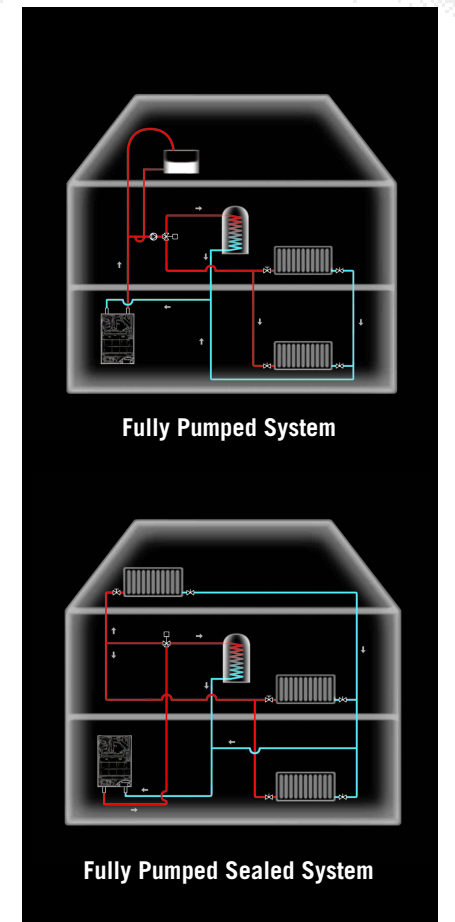
Flexibility of siting, ease of installation and advanced reliability all mean that Ideal's high-efficiency heat-only and system boilers offer further improvements on previous models. Thanks to the 80mm diameter twin-pipe fluing feature, which offers a maximum combined fluing length of up to 46 metres that can be run either horizontally or vertically, the icos HE and icos system HE can now be installed much further away from the outside wall. This means the boilers can be fitted safely and unobtrusively in almost any situation.

The icos HE and icos system HE in operation

Both products are automatically controlled, fan flued high-efficiency boilers. They modulate their heat output to suit the demands of the heating load, and both incorporate a variable thermostat for CH temperature control, adjustable from 30°C to 82°C.

The use of a pre-mix burner allows control of gas input to the appliance to be directly linked to fan speed. So, as the fan reduces speed to match heating load, the gas valve maintains the correct proportional flow ensuring a high boiler efficiency throughout its output range.

1 year product warranty



icos HE

icos HE- technical data

Compact dimensions of height 582mm, width 397mm and depth 290mm and **no compartment ventilation required**, ensure kitchen cupboard fit and provide siting flexibility.

Fully modulating product with outputs up to 24kW (80,000 Btu/h) ensuring maximum efficiency, suitable for a wide range of heating requirements.

'Self-adjusting' feature reduces time and cost of installation, and makes installation much simpler.

Built-in condensate 'S' trap with simple connection makes installation easier.

Hinged control PCB box with easy access to connections for simplified servicing and installation.

Easy-to-wire mains electrical connection makes installation easier.

Low lift weight of 32kg offers easy installation.

'Downward firing' pre-mix burner for greater reliability, ensuring lower Nitrogen Oxide emissions (environmentally friendly).

Cast-aluminium heat exchanger ensures tough, dependable construction and performance.

Alpha-numeric diagnostic readout gives essential, easy-to-read operation indicators and shows boiler status together with fault codes, in the unlikely event of a problem.

Optional remotely mountable user controls improve siting flexibility. Includes wall mounting plate, blank housing (including PCB, fixing screws and instructions).

PERFORMANCE DATA

Model		icos HE 12	icos HE 15	icos HE 18	icos HE 24
Output	kW	8.8 - 12	8.8 - 14.6	8.8 - 18.2	8.8 - 23.4
	Btu/h	30,000 - 41,000	30,000 - 49,800	30,000 - 62,100	30,000 - 80,000
SEDBUK rating		A	A	A	A
NOX Class		5	5	5	5

INSTALLATION DATA

Gas supply connection	inches	Rc 1/2 (1/2" BSP female)
CH flow connection	mm	22 compression*
CH return connection	mm	22 compression*
Condensate drain	mm	21.5
Electrical supply	V/Hz	230 / 50
Power consumption	W	38
Fuse rating	A	3
Water content	litres	1.7
Maximum lift weight	kg	32
Total packed weight	kg	35
Flue terminal diameter	mm	100
S trap depth	mm	52

*For outputs exceeding 18kW (60,000 Btu/h), 28mm primary pipework will be required.

CLEARANCE DATA

The following clearances are required for installation, servicing and replacement of parts.

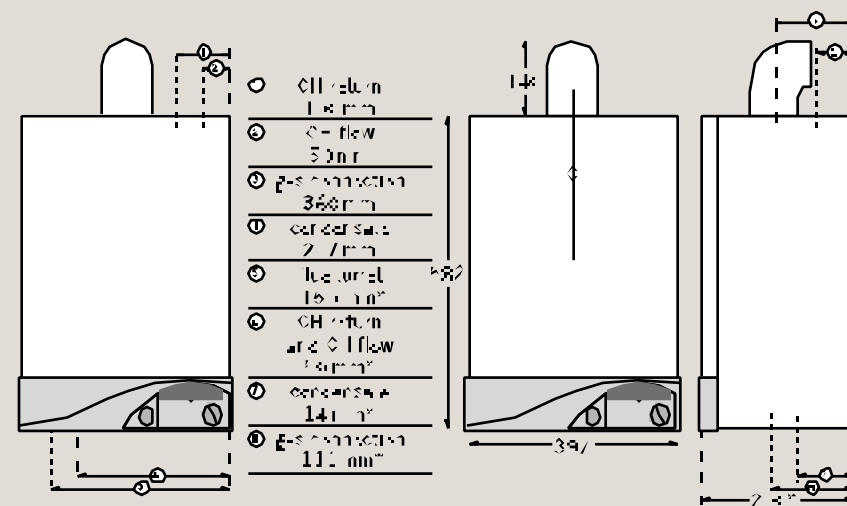
Front of boiler	Sides of boiler	Top of boiler	Bottom of boiler
450mm	5mm	165mm**	100mm†

† Minimum clearance required at bottom of boiler for servicing is 100mm, additional clearance will be required for installation, depending upon site conditions.

** More clearance required when fitting fluing to the side.

PIPEWORK CONNECTIONS AND PRODUCT DIMENSIONS

Flue plumbing is a by-product of efficiency. Please be aware of terminal positions to avoid complaints (see pages 22-29, fluing options).



*Add 32mm with stand off brackets fitted

For full technical details please refer to the Installation and Servicing Instructions provided with the product.

The Ideal high-efficiency boiler

Installation tips

Ideal recommend that a minimum heating load of 3,000 Btu/h be controlled using a room thermostat, leaving all other rooms capable of being controlled by TRVs.

The boiler has a cast-aluminium alloy heat exchanger, therefore suitable water treatment should be applied to the system.

These boilers require a permanent live electrical supply.

Siting options



Loft



Utility Room

Optional remotely mountable user controls, compact dimensions and a highly flexible fluing system allow the icos to be easily sited.

SEDBUK rating



This product has an energy rating of A on a scale of A-G. For more information see www.sedbuk.com

Note: This product is not suitable for external installation. The wall on which the boiler is being mounted must be able to support its total weight. The wall will not require special protection, but if the unit is being fitted in a timber-frame building the guidelines set out in BS 5440: Part 1:1990 should be observed.

icos system HE - technical data

Compact dimensions of height 687mm, width 397mm and depth 290mm and **no compartment ventilation required**, ensure kitchen cupboard fit and provide siting flexibility.

Fully modulating product with outputs from 8.8 to 24kW (30,000 to 80,000 Btu/h) suitable for a wider range of applications, and ensures maximum efficiency throughout the boiler's modulation range.

'Downward firing' pre-mix burner for greater reliability, ensuring lower Nitrogen Oxide emissions (environmentally friendly).

Built-in condensate 'S' trap with simple connection makes installation even easier.

Hinged control PCB box with easy access to connections for simplified servicing and installation.

Optional remotely mountable user controls improve siting flexibility. Includes wall mounting plate, blank housing (including PCB, fixing screws and instructions).

Low lift weight of 40 kg offers easy installation.

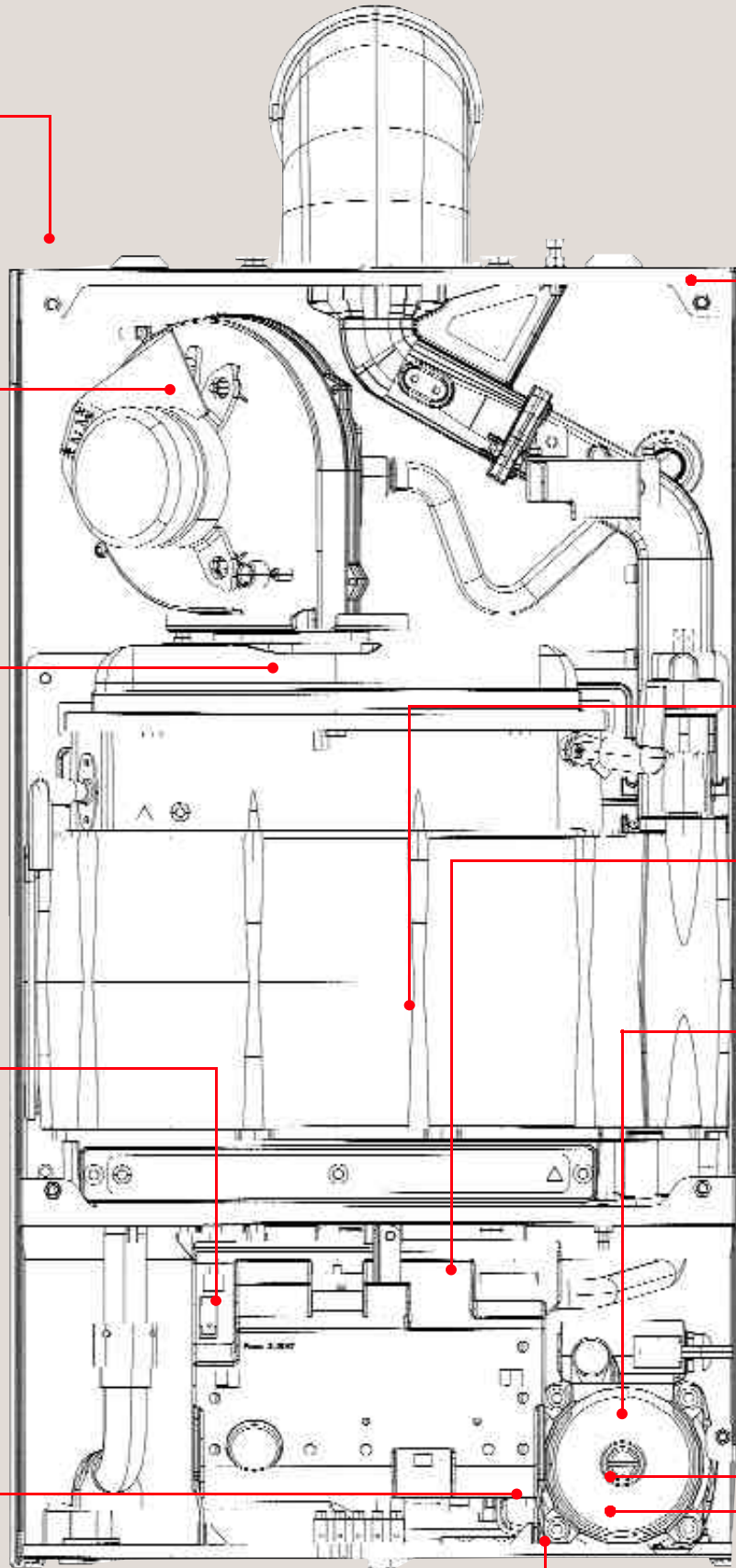
Cast-aluminium heat exchanger ensures tough, dependable construction and performance.

'Self-adjusting' feature reduces time and cost of installation, and makes installation much simpler.

A single manifold to house the pump and pressure relief valve means there are fewer connections between boiler components, improving reliability and reducing the overall product weight.

Alpha-numeric diagnostic readout gives essential, easy-to-read operation indicators and shows boiler status together with fault codes, in the unlikely event of a problem.

Easy-to-wire mains electrical connection makes installation easier.



PERFORMANCE DATA

Model	icos system HE 24	
Output	kW	8.8 - 23.4
	Btu/h	30,000 - 80,000
SEDBUK rating	A	
NOX Class	5	

INSTALLATION DATA

Gas supply connection	inches	Rc 1/2 (1/2" BSP female)
CH flow connection	mm	22 compression*
CH return connection	mm	22 compression*
Expansion vessel volume	litres	8
Pressure relief valve	inches	Rc 1/2 (1/2" BSP female)
Condensate drain	mm	21.5
Power consumption	w	148
Electrical supply	V/Hz	230/50
Fuse rating	A	3
Water content	litres	2
Maximum lift weight	kg	40
Total packed weight	kg	47
Flue terminal diameter	mm	100
S trap depth	mm	52

*For outputs exceeding 18kW (60,000Btu/h), 28mm primary pipework will be required.

CLEARANCE DATA

The following clearances are required for installation, servicing and replacement of parts.

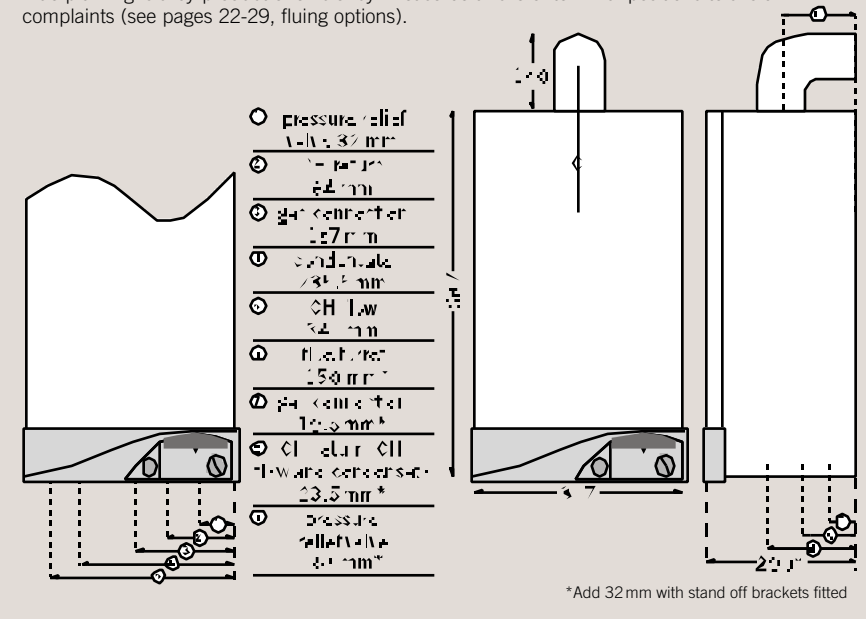
Front of boiler	Sides of boiler	Top of boiler	Bottom of boiler
450mm	5mm	165mm**	100mm†

† Minimum clearance required at bottom of boiler for servicing is 100mm, additional clearance will be required for installation, depending upon site conditions.

**More clearance required when fitting fluing to the side.

PIPEWORK CONNECTIONS AND PRODUCT DIMENSIONS

Flue plumbing is a by-product of efficiency. Please be aware of terminal positions to avoid complaints (see pages 22-29, fluing options).



For full technical details please refer to the Installation and Servicing Instructions provided with the product.

The Ideal high - efficiency system boiler

Installation tips

Ideal recommend that a minimum heating load of 3,000Btu/h be controlled using a room thermostat, leaving all other rooms capable of being controlled by TRVs.

The boiler has a cast-aluminium alloy heat exchanger, therefore suitable water treatment should be applied to the system.

These boilers require a permanent live electrical supply.

Siting options



Loft



Utility Room

Optional remotely mountable user controls, compact dimensions and a highly flexible fluing system allow the icos system to be easily sited.

SEDBUK rating



This product has an energy rating of A on a scale of A-G. For more information see www.sedbuk.com

Note: This product is not suitable for external installation. The wall on which the boiler is being mounted must be able to support its total weight. The wall will not require special protection, but if the unit is being fitted in a timber-frame building the guidelines set out in BS 5440: Part 1:1990 should be observed.



isar HE

The Ideal high-efficiency combination boiler range

Excellent performance, reliability and ease of installation are trademarks of the Ideal combination boiler. With its minimal components and slimline construction the unit can be sited almost anywhere – even in a standard kitchen cupboard, with no additional compartment ventilation required. Other qualities such as a self-adjusting feature for easy set up and an alpha-numeric diagnostic readout giving coded appliance status, make this the most advanced combi boiler Ideal has ever produced. In addition, its excellent performance and efficiency enables the homeowner to save up to a third on gas bills.

Combination boiler system

The typical combination boiler system is illustrated to the right.

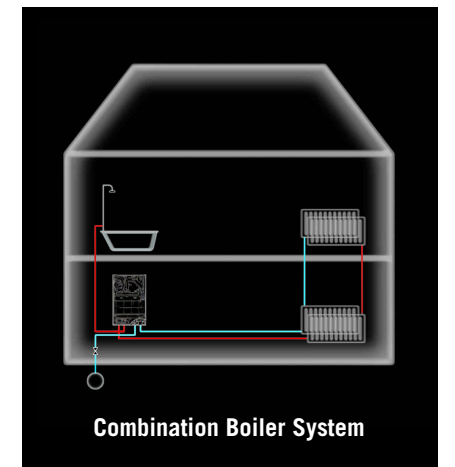
Application and usage

The Ideal high-efficiency combi benefits from being highly versatile and is perfectly suited to homes where space is at a premium. This is enhanced by its twin-pipe fluing that gives excellent siting flexibility. The boiler is capable of meeting the heating requirements for the majority of housing needs.

The isar HE in operation

The isar HE is an automatically controlled, fanned flue high-efficiency boiler. The boiler modulates its heat output to suit the demands of the heating load. It incorporates a variable thermostat for CH temperature control, adjustable from 30°C to 82°C. The use of a pre-mix burner allows control of gas input to the appliance to be directly linked to fan speed. So, as the fan reduces speed to match heating load, the gas valve maintains the correct proportional flow ensuring a high boiler efficiency throughout its output range. The boiler incorporates all the necessary safety features required to fit directly onto a sealed system. The isar HE also provides DHW on demand via a high-efficiency secondary heat exchanger within the boiler casing. The boiler's ability to modulate enables a stable DHW temperature to be obtained, regardless of flow rate.

1 year product warranty.



Combination Boiler System



isar HE

isar HE-technical data

Compact dimensions of height 687mm, width 397mm and depth 290mm and **no compartment ventilation required**, ensure kitchen cupboard fit and provide siting flexibility.

Fully modulating product with outputs from 8.8 to 24kW to CH (30,000 to 80,000Btu/h) suitable for a wider range of applications, and ensures maximum efficiency throughout the boiler's modulation range.

'Downward firing' pre-mix burner for greater reliability, ensuring lower Nitrogen Oxide emissions (environmentally friendly).

Built-in condensate 'S' trap with simple connection makes installation even easier.

Hinged control PCB box with easy access to connections for simplified servicing and installation.

Optional remotely mountable user controls improve siting flexibility. Includes wall mounting plate, blank housing (including PCB, fixing screws and instructions).

Fully modulating DHW outputs giving flow rates of 9.6, 12 and 14.4 l/min at 35°C temperature rise.

Low lift weight of 43kg offers easy installation.

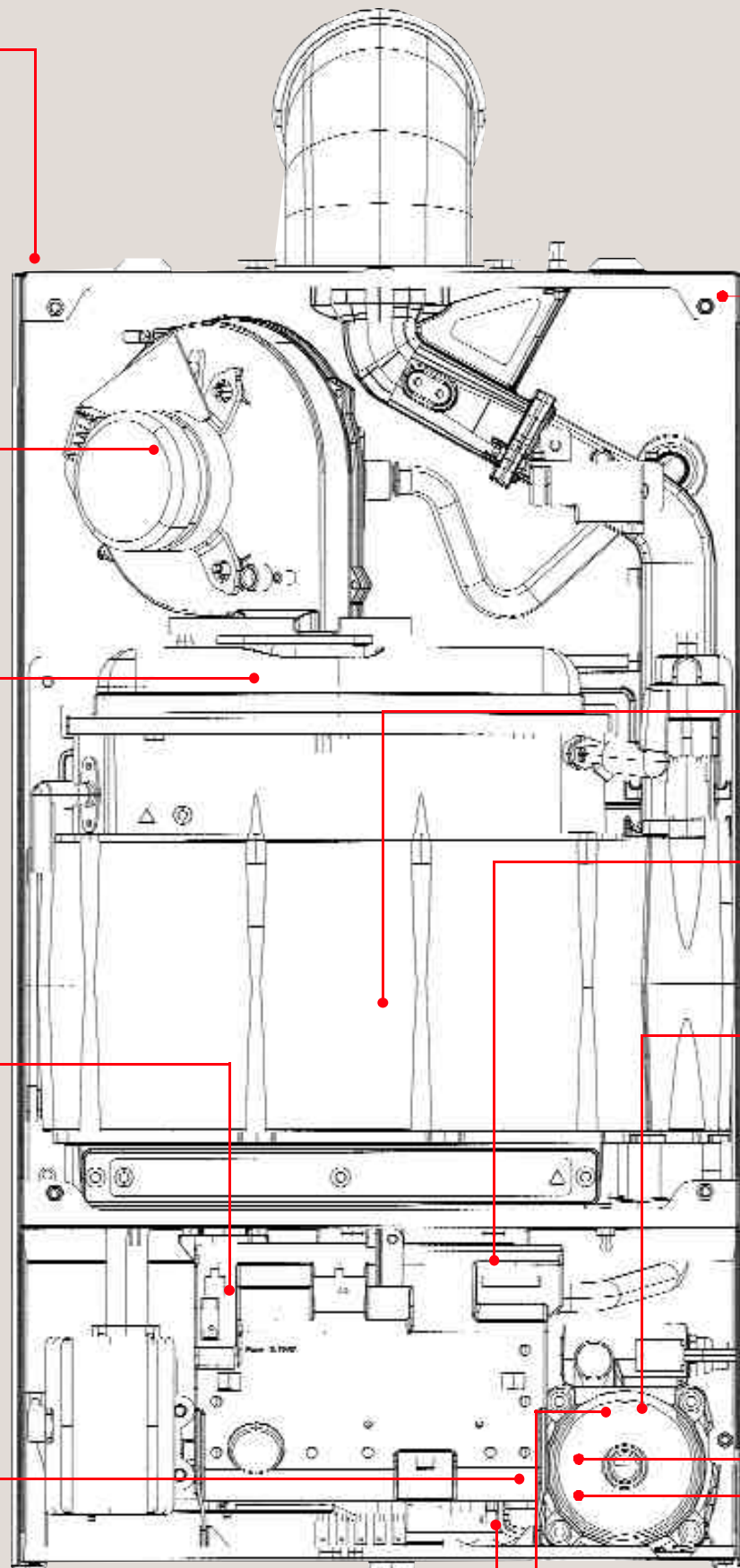
Cast-aluminium heat exchanger ensures tough, dependable construction and performance.

'Self-adjusting' feature reduces time and cost of installation, and makes installation much simpler.

Manifolds that house the pump, pressure relief valve, diverter valve, thermostat and plate heat exchanger mean fewer connections between boiler components, improving reliability and helping to reduce overall product weight.

Alpha-numeric diagnostic readout gives essential, easy-to-read operation indicators and shows boiler status together with fault codes, in the unlikely event of a problem.

Easy-to-wire mains electrical connection makes installation easier.



PERFORMANCE DATA

Model		isar HE 24	isar HE 30	isar HE 35	
Output	DHW	kW	8.8 - 23.4	8.8 - 29.3	8.8 - 35.2
		Btu/h	30,000 - 80,000	30,000 - 100,000	30,000 - 120,000
Flow Rate		l/min	9.6	12.0	14.4
	CH	kW	8.8 - 23.4	8.8 - 23.4	8.8 - 23.4
		Btu/h	30,000 - 80,000	30,000 - 80,000	30,000 - 80,000
SEDBUK rating		A	A	A	
NOX Class		5	5	4	

INSTALLATION DATA

Gas supply connection	inches	Rc 1/2 (1/2" BSP female)
CH flow connection	mm	22 compression*
CH return connection	mm	22 compression*
Pressure relief valve	inches	Rc 1/2 (1/2" BSP female)
Expansion vessel volume	litres	8
Condensate drain	mm	21.5
Electrical supply	V/Hz	230/50
DHW inlet connection	mm	15 compression
DHW outlet connection	mm	15 compression
Power consumption	w	148
Fuse rating	A	3
Water content	litres	2
Maximum lift weight	kg	43
Total packed weight	kg	50
Flue terminal diameter	mm	100
S trap depth	mm	52

*For outputs exceeding 18kW (60,000Btu/h), 28mm primary pipework will be required.

CLEARANCE DATA

The following clearances are required for installation, servicing and replacement of parts.

Front of boiler	Sides of boiler	Top of boiler	Bottom of boiler
450mm	5mm	165mm**	100mm†

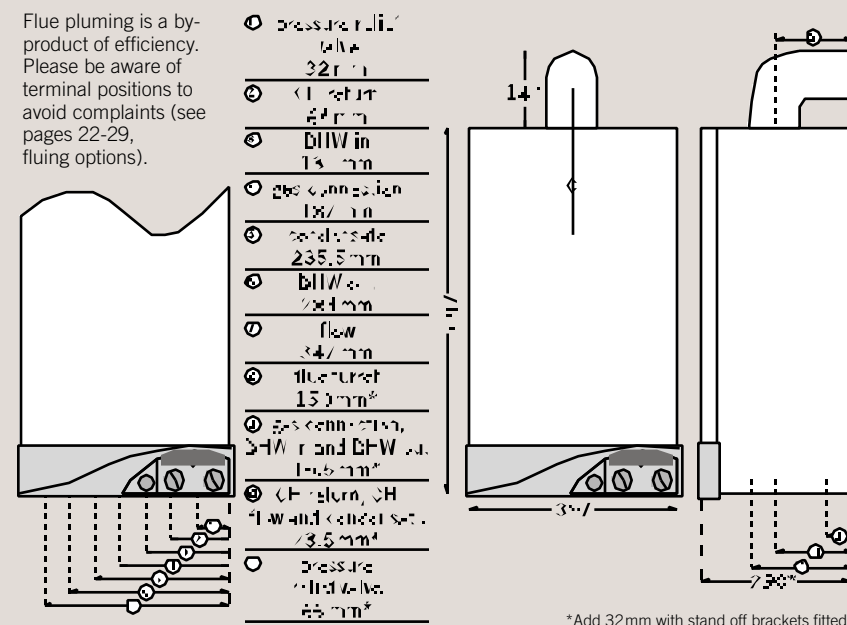
† Minimum clearance required at bottom of boiler for servicing is 100mm, additional clearance will be required for installation, depending upon site conditions.

**More clearance required when fitting fluing to the side.

Note: This appliance is not suitable for external installation. The wall on which the boiler is being mounted must be able to support its total weight. The wall will not require special protection, but if the unit is being fitted in a timber-frame building the guidelines set out in BS 5440: Part 1:1990 should be observed.

PIPEWORK CONNECTIONS AND PRODUCT DIMENSIONS

Flue plumbing is a by-product of efficiency. Please be aware of terminal positions to avoid complaints (see pages 22-29, fluing options).



For full technical details please refer to the Installation and Servicing Instructions provided with the product.

The Ideal high - efficiency combi boiler

Installation tips

Ideal recommend that a minimum heating load of 3,000 Btu/h be controlled using a room thermostat, leaving all other rooms capable of being controlled by TRVs.

The boiler has a cast-aluminium alloy heat exchanger, therefore suitable water treatment should be applied to the system.

These boilers require a permanent live electrical supply.

A DHW flow restrictor is incorporated within the boiler, automatically controlling the DHW flow. This eliminates the requirement for any installer adjustments.

Siting options



Loft



Utility Room

Optional remotely mountable user controls, compact dimensions and a highly flexible fluing system allow the isar to be easily sited.

SEDBUK rating

A



This product has an energy rating of A on a scale of A-G. For more information see www.sedbuk.com

istor HE

The Ideal high-efficiency system store range.

istor HE system storage units take the provision of both central heating and plentiful supplies of hot water to a new level. This is achieved by combining a high efficiency boiler and unvented cylinder in one unit with all necessary controls. That also means a dry loft for simplicity and peace of mind.

Naturally they are designed for fast and easy installation, whilst good accessibility minimises service and maintenance. Space is freed up in the property due to their compact design, whilst the householder also benefits by having an appliance capable of giving mains pressure hot water from more than one outlet simultaneously. The choice of two models provides these benefits for larger properties.

The many flue options available with the Ideal high-efficiency ranges allow more siting options for this flexible product.

Application and usage

The istor HE offers tremendous flexibility in where it can be sited, freeing kitchen space if installed in the airing cupboard for example. That type of siting is made easier by concentric or a choice of 80mm and 60mm diameter twin duct flue systems. More awkward installations can now be handled with the optional condensate drain pump kit. Rapid installation is assisted by thoughtful features such as a pre-piping frame, allowing pipework to be made before fitting the unit. The water controls are all supplied inbuilt requiring no extra space or time. Further ensuring that the istor HE is a truly complete unit, a programmer and immersion heater all come fitted as standard.

The istor HE in operation

The units are automatically controlled with a fanned flue and no cupboard ventilation is required. High-efficiency in operation is always maintained as the boiler modulates to match the load applied.

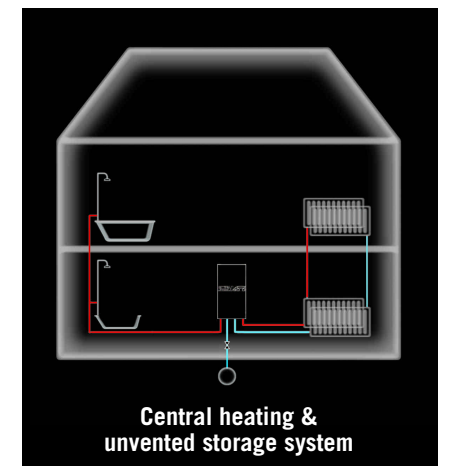
Central heating

The boiler will fire to meet the heating requirements of the house as a normal system.

Domestic hot water

The cylinder contents (80 or 120) litres are immediately available for use and are blended by the integral thermostatic mixing valve (settings 30-65°C) to suit the householder. The boiler will fire to replenish the cylinder or for a few seconds to maintain temperature.

Even after the full contents have been used, hot water is still available at reduced rate. The cylinder is rapidly replenished as soon as DHW draw stops via the high recovery cylinder coil.



istor HE

istor HE technical data

Installation Supplied as 2 separate module packages for ease of handling and installation.

Heat engine based on the fully modulating icos boiler with outputs to CH from 8.8 to 24kW (30,000 to 80,000 Btu/h).

DHW expansion vessel 12 litre vessel incorporated within the appliance for cylinder protection.

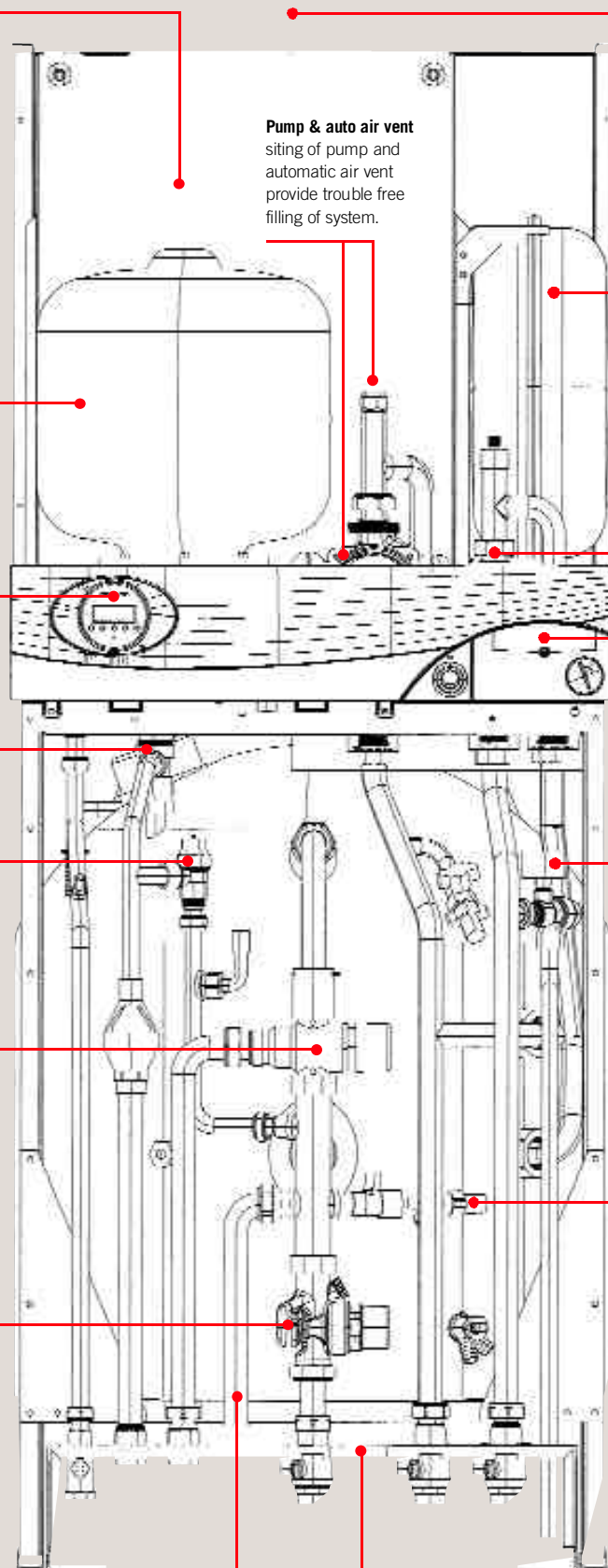
Programmer 2 channel programmer as standard for independent selection of CH & DHW on/off times.

Pressure relief valves for cylinder protection.

Thermostatic mixer valve controls DHW outlet temperature. User adjustable between 30 - 65°C.

Pressure reducing valve Controls inlet water pressure to 2 bar static within the cylinder.

Balanced pressure cold offtake option supplied in the hardware pack to provide balance pressure cold water to mixer taps and showers.



Pump & auto air vent siting of pump and automatic air vent provide trouble free filling of system.

Fluing Multi choice flue variants for a wide range of applications.

CH expansion vessel 8 litre vessel for sealed system CH incorporated within the appliance.

Diverter valve 3 way diverter valve operating with DHW priority to maximise hot water supply.

Alpha-numeric diagnostic readout gives essential easy to read operation indicators and fault codes in the unlikely event of a problem.

CH pressure gauge user accessible pressure gauge to monitor system pressure.

CH filling loop pre-fitted filling loop to fill CH circuit.

Pre-piping frame All service connections can be made prior to appliance installation.

PERFORMANCE DATA

Model	istor HE 260		istor HE 325	
Output	DHW	kW	8.8 - 29.3	8.8 - 29.3
		Btu/h	30,000 - 100,000	30,000 - 100,000
Flow Rate	CH	l/min*	35	35
		kW	8.8 - 23.4	8.8 - 23.4
Recovery times**		Btu/h	30,000 - 80,000	30,000 - 80,000
		mins	9	12
SEDBUK rating			A	A
NOX Class			5	5

*Practical maximum with suitable mains supply **Recovery times are after 70% draw off, from 15°C

INSTALLATION DATA

Model	istor HE 260		istor HE 325	
Gas supply connection	inches	Rc 1/2	Rc 1/2	
CH flow connection	mm	22*	22*	
CH return connection	mm	22*	22*	
Pressure relief valve	mm	15	15	
CH Expansion vessel volume	litres	8	8	
Condensate drain	mm	21.5	21.5	
DHW inlet connection	mm	15	15	
DHW outlet connection	mm	22	22	
DHW delivery temperature	°C	30 - 65	30 - 65	
Water content	CH	litres	2	2
Water content	DHW	litres	80	120
Electrical supply	V/Hz	230/50	230/50	
Power consumption	W	148	148	
Fuse rating	A	3	3	
Maximum lift weight	Boiler	kg	55	55
Maximum lift weight	Cylinder	kg	59	65
Total packed weight	Boiler	kg	58.5	58.5
Total packed weight	Cylinder	kg	66	73
Flue terminal diameter	Concentric	mm	100	100
	Twin duct	mm	80 or 60	80 or 60

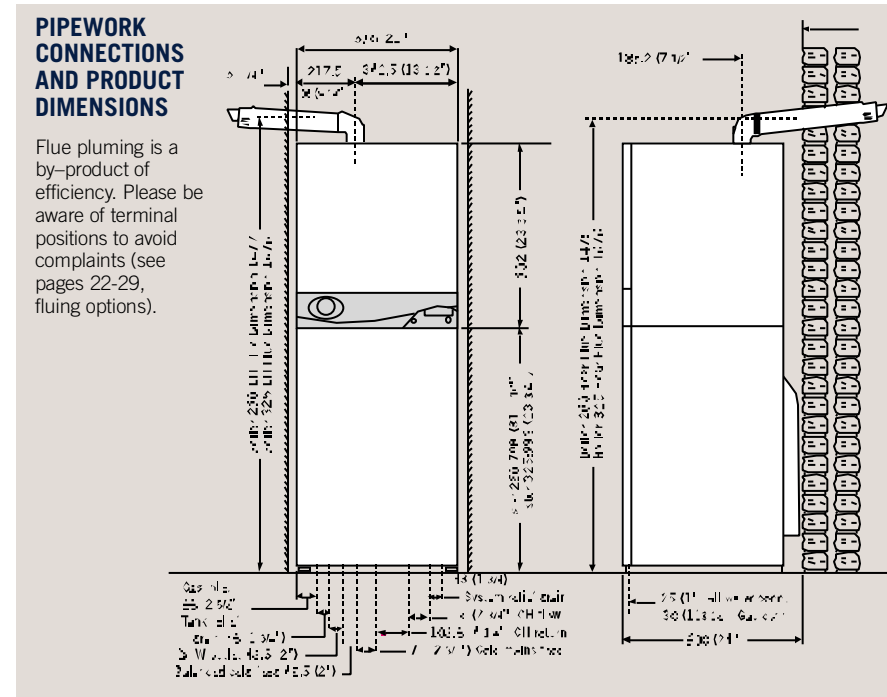
*For outputs exceeding 18kW (60,000Btu/h), 28mm primary pipework will be required.

CLEARANCE DATA

The following clearances are required for installation, servicing and replacement of parts.

Front of boiler	Sides of boiler	Top of boiler
450mm	5mm	165mm**

**More clearance required when fitting flue to the side.



Flue plumbing is a by-product of efficiency. Please be aware of terminal positions to avoid complaints (see pages 22-29, fluing options).

The Ideal high-efficiency boiler

Installation tips

Ideal recommend that a minimum heating load of 3,000 Btu/h be controlled using a room thermostat, leaving all other rooms capable of being controlled by TRVs.

The boiler has a cast-aluminium alloy heat exchanger, therefore suitable water treatment should be applied to the system.

These boilers require a permanent live electrical supply.

Siting options



Loft



Utility Room

Compact dimensions and a highly flexible fluing system allow the istor to be easily sited.

SEDBUK rating



This product has an energy rating of A on a scale of A-G. For more information see www.sedbuk.com

Note: This appliance is not suitable for external installation.

fluing options

The HE range from Ideal boilers benefits from a wide variety of fluing options, making it possible for the installer to fit each unit safely and unobtrusively in almost any situation. The following information sets out the alternatives that are available and demonstrates the siting flexibility that is an inherent part of all our boilers. The Ideal HE range comes with a choice of concentric or twin-pipe fluing options.

Twin-pipe fluing

Various twin-pipe options are available, in both 80mm and 60mm diameters, to assist in the termination of the flue where the boiler is installed in a location remote to an outside wall. These options allow for separation of the air supply from the pipe that discharges the flue gases.

80mm Twin-pipe system

The maximum combined flue length is 46 metres. The following graph (FIG. 1) demonstrates the allowable lengths for the air supply and flue gas pipes. This system can be used for both horizontal and vertical applications.

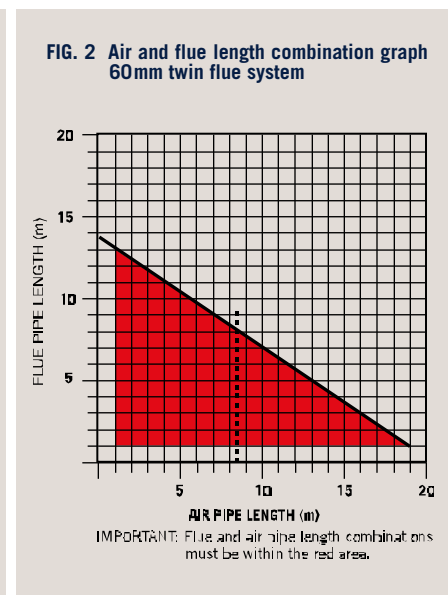
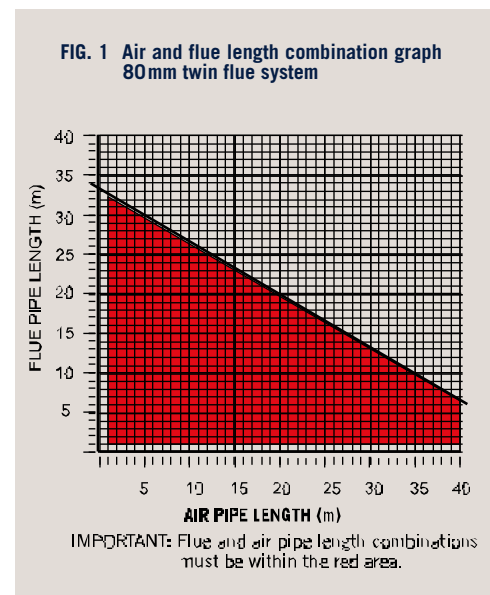
60mm Twin-pipe system

The maximum combined flue length is 20 metres. The following graph (FIG. 2) demonstrates the allowable lengths for the air supply and flue gas pipes. This system can be used for horizontal applications only.

Maximum horizontal flue lengths (concentric 60/100)

icos HE	HORIZONTAL*	6m	VERTICAL*	8m	POWERED VERTICAL*	14m
icos system HE		6m		8m		14m
isar HE 24, 30		6m		8m		14m
isar HE 35		3m		5m		10m
istor HE		6m		8m		14m

*Each 90° elbow used is at the expense of 1000mm of straight flue run, and each 45° elbow is used at the expense of 600mm of straight flue run.

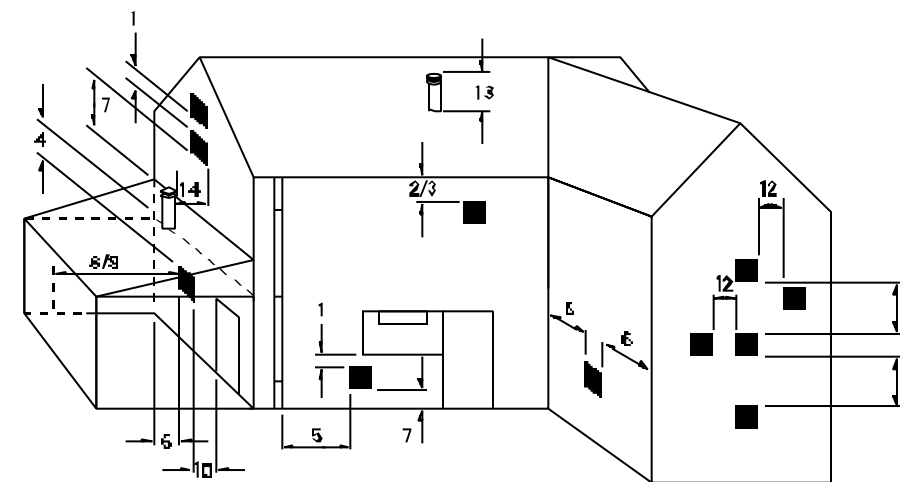


Siting flexibility

There are a substantial number of fluing options available with our boilers, each giving excellent siting flexibility for almost all applications. These options include components such as roof flue and powered vertical flue kits which ensure that the installer encounters minimum restrictions.

Solutions for all applications

The Ideal range of fluing components has been planned to provide the installer with a choice of options which is capable of covering every application.



Minimum dimensions of flue terminal positions

KEY TO ILLUSTRATION

Terminal Position	Fan Models Min. Spacing
1 Directly below an openable window or other opening e.g. air brick	300mm
2 Below gutters, drain pipes or soil pipes	25mm*
3 Below eaves	25mm*
4 Below balconies or car port roof	25mm*
5 From vertical drain pipes or soil pipes	25mm*
6 From an internal or external corner or to a boundary alongside the terminal	25mm*
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 into a dwelling	1200mm
11 Vertically from a terminal on the same wall	1500mm
12 Horizontally from a terminal on the same wall	300mm
Vertical flues	
13 Above a pitched or flat roof (to base of terminal)	300mm
14 From adjacent wall to flue	1000mm

Table corresponds to BS5440: Part 1 : 2000 It must always be borne in mind that the HE range flues plume and that special consideration should be given to terminal position, except where marked*

FLUE COMPONENTS - COMMON ACROSS ICOS HE, ICOS SYSTEM HE, ISAR HE AND ISTOR HE BOILERS

	Part No.	Part No.
B Pack' Standard Flue 100mm diameter	158222	Weather Collar - Universal, 125mm diameter
D Pack' Flue Extension, 1000mm long	155987	Weather Collar - Flat roof, 125mm diameter
Flue Finishing Kit (internal/external wall seals etc.)	155988	Twin-Pipe Flue Connector, 80mm diameter
90° Elbow Kit, 100mm diameter	154187	90° Elbow Kit, 80mm diameter (Twin-Pipe only)
45° Elbow Kit, 100mm diameter (pair)	152256	Horizontal Flue Terminal, 80mm diameter
Vertical Flue Connector	156405	Horizontal Air Terminal, 80mm diameter
Powered Vertical Flue Kit	152255	Loft Terminal Air Grille, 80mm diameter
Vertical Flue Terminal, Twin-Pipe and Powered Vertical, 100mm diameter	152378	Ridge Tile Flue Terminal, 80mm diameter
Weather Collar - Universal, 100mm diameter	152258	Twin-Pipe Flue Connector 60mm diameter kit
Weather Collar - Flat Roof, 100mm diameter	152259	Horizontal Flue Terminal 60mm diameter kit
Roof Flue Kit	152254	Horizontal Air Terminal 60mm diameter kit
45° Elbow Kit (pair), 80mm diameter (Twin-Pipe and Powered Vertical)	152810	Extension Pipes 60mm diameter kit (pair)
Flue ExtensionPipe (pair), 80mm diameter (Twin-Pipe and Powered Vertical), including support brackets)	152260	90° Elbow Kit, 60mm diameter
Horizontal Twin-Pipe Flue Terminal, 125mm diameter	158518	45° Elbow Kit, 60mm diameter (pair)
Vertical Twin-Pipe Roof Flue Terminal, 125mm diameter	158519	Adaptor Twin Flue 60mm diameter to 60/100

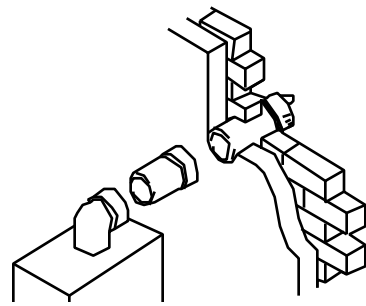
fluing options

Horizontal concentric - 100mm diameter

Please note that the following fluing options are relevant to all the high-efficiency products previously mentioned in this brochure.

Our maximum flue length is 6 metres (horizontal). Deduct 1 metre for each 90° bend and 0.6 metre for each 45° bend.

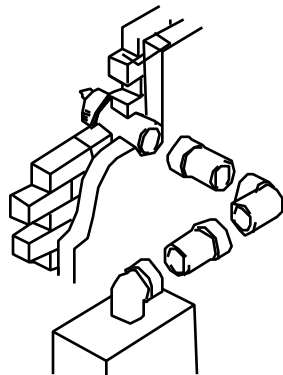
Note: isar HE 35 maximum length is 3 metres.



HORIZONTAL FLUE

Flue	Part Number	Maximum straight flue length (mm)
Standard Pack B	158222	Right Left Rear } 650
Standard Pack B + Extension Pack D	158222 155987	Right Left Rear } 1600
Standard Pack B + 2 x Extension Pack D	158222 2 x 155987	Right Left Rear } 2550
Standard Pack B + 3 x Extension Pack D (Maximum for isar HE 35)	158222 3 x 155987	Right Left Rear } 3500
Standard Pack B + 4 x Extension Pack D	158222 4 x 155987	Right Left Rear } 4450
Standard Pack B + 5 x Extension Pack D	158222 5 x 155987	Right Left Rear } 5400
Standard Pack B + 6 x Extension Pack D	158222 6 x 155987	Right Left Rear } 6000

Note: Lengths are from centre line of boiler outlet to outside wall face. Where extension D packs are cut to length, flared end connector must be retained.



HORIZONTAL FLUE WITH 1 x 90° ELBOW

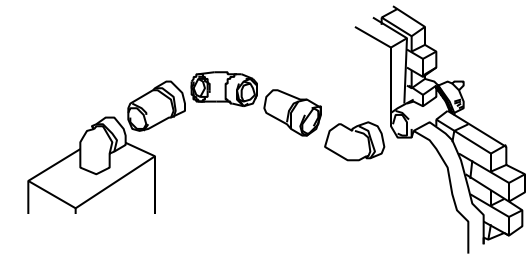
Flue	Part Number	Maximum straight flue length (mm)
Standard Pack B + 90° Elbow	158222 154187	Right Left Rear } 830
Standard Pack B + Extension Pack D + 90° Elbow	158222 155987 154187	Right Left Rear } 1780
Standard Pack B + 2 x Extension Pack D + 90° Elbow (Maximum for isar HE 35)	158222 2 x 155987 154187	Right Left Rear } 2730
Standard Pack B + 3 x Extension Pack D + 90° Elbow	158222 3 x 155987 154187	Right Left Rear } 3680
Standard Pack B + 4 x Extension Pack B + 90° Elbow	158222 4 x 155987 154187	Right Left Rear } 4630
Standard Pack B + 5 x Extension Pack B + 90° Elbow	158222 5 x 155987 154187	Right Left Rear } 5000

Note: Lengths are sum of all straight lengths between centre lines/outside wall face. Numbers of extension D packs give flexibility of lengths of straight at either side of elbow. Where extension D packs are cut to length, flared end connector must be retained.

HORIZONTAL FLUE WITH 2 x 90° ELBOW

Flue	Part Number	Maximum straight flue length (mm)
Standard Pack + 2 x 90° Elbow	158222 2 x 154187	Right Left Rear } 1010
Standard Pack B + Extension Pack D + 2 x 90° Elbow (Maximum for isar HE 35)	158222 155987 2 x 154187	Right Left Rear } 1960
Standard Pack B + 2 x Extension Pack D + 2 x 90° Elbow	158222 2 x 155987 2 x 154187	Right Left Rear } 2910
Standard Pack B + 3 x Extension Pack B + 2 x 90° Elbow	158222 3 x 155987 2 x 154187	Right Left Rear } 3860
Standard Pack B + 4 x Extension Pack D + 2 x 90° Elbow	158222 4 x 155987 2 x 154187	Right Left Rear } 4000

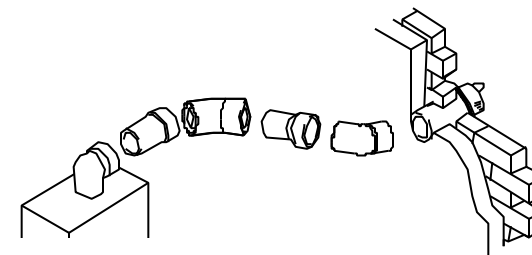
Note: Lengths are sum of all straight lengths between centre lines/outside wall face. Numbers of extension D packs give flexibility of lengths of straight at either side of elbows. Where extension D packs are cut to length, flared end connector must be retained.



HORIZONTAL FLUE WITH 2 x 45° ELBOW

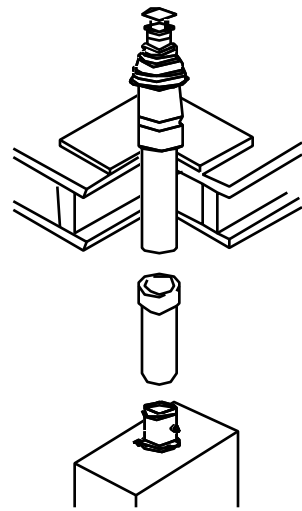
Flue	Part Number	Maximum straight flue length (mm)
Standard pack B + 2 x 45° Elbow	158222 152256	Right Left Rear } 850
Standard pack B + 2 x 45° Elbow + Extension Pack D (Maximum for isar HE 35)	158222 152256 155987	Right Left Rear } 1800
Standard Pack B + 2 x 45° Elbow + 2 x Extension Pack D	158222 152256 2 x 155987	Right Left Rear } 2750
Standard Pack B + 2 x 45° Elbow + 3 x Extension Pack D	158222 152256 3 x 155987	Right Left Rear } 3700
Standard Pack B + 2 x 45° Elbow + 4 x Extension Pack D	158222 152256 4 x 155987	Right Left Rear } 4650
Standard Pack B + 2 x 45° Elbow + 5 x Extension Pack D	158222 152256 5 x 155987	Right Left Rear } 4800

Note: Lengths are sum of all straight lengths between centre lines/outside wall face. Numbers of extension D packs give flexibility of lengths of straight at either side of elbows. Where extension D packs are cut to length, flared end connector must be retained.



fluing options

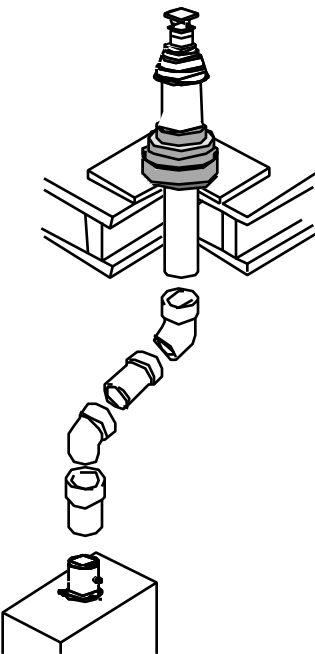
Maximum flue length for all models is 8 metres (except isar HE 35 - 5 metres)



ROOF FLUE SYSTEM

Flue	Part Number	Maximum straight flue length (mm)	
Roof Flue Kit + Vertical Connector + Weather Collar	152254 156405 152258/152259*	1050	
Roof Flue Kit + Vertical Connector + Extension Pack D + Weather Collar	152254 156405 155987 152258/152259*		2000
Roof Flue Kit + Vertical Connector + 7 (maximum) x Extension Pack D + Weather Collar	152254 156405 7 x 155987 152258/152259*		

Note*: 152258: universal weather collar (suits any roof pitch).
152259: flat roof weather collar.
isar HE 35 maximum is 4 x Extension Pack D + Roof Flue



ROOF FLUE SYSTEM WITH 2 X 45° ELBOW

Flue	Part Number	Maximum straight flue length (mm)
Roof Flue Kit + Vertical Connector + 6 (maximum) x Extension Pack D + 2 x 45° Elbow + Weather Collar	152254 156405 6 x 155987 152256 152258/152259*	6800

Note*: 152258: universal weather collar (suits any roof pitch).
152259: flat roof weather collar.
isar HE 35 maximum is 3 x Extension Pack D + Roof Flue

POWERED VERTICAL FLUE SYSTEM

Flue	Part Number	Maximum straight flue length (mm)
Powered Vertical Flue Kit + Vertical Connector + Powered Vertical Flue Terminal + Weather Collar + 8 (maximum) x Extension Pack D + 6 (maximum) x Secondary Flue Extension Pipe† (pairs)	152255 156405 152378 152258/152259* 8 x 155987 3 x 152260	Primary: 8000 Secondary: 6000

Notes*:

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.

Maximum primary flue length of up to 8 metres. Up to 8 flue extension kits (pack D) may be required. Maximum secondary flue length up to 6 metres.

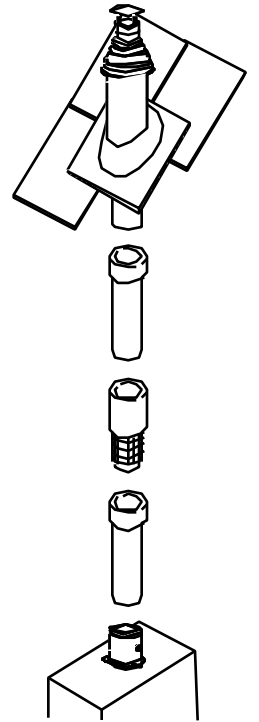
Offset applications are permissible though the maximum length is reduced.

*152258: universal weather collar (suits any roof pitch).
152259: flat roof weather collar.

† Installer to provide pipework for condensate drain on powered vertical flue kit.

Where extension D packs are cut to length, the flared end connector must be retained.

isar HE 35 maximum combined length is 10 metres (Primary 4 metres, Secondary 6 metres).



fluing options

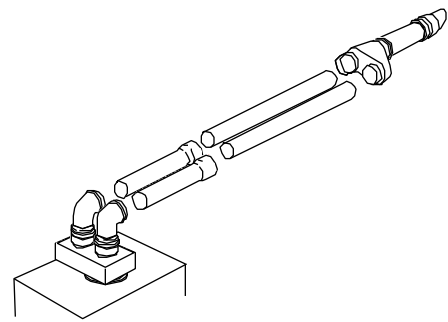
Twin-pipe 80mm diameter

Our maximum combined flue length is 46 metres. Deduct 5.3 metres for each 90° bend and 3.3 metres for each 45° bend.

Twin-pipe 60mm diameter

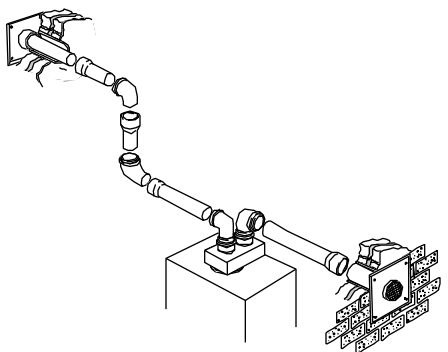
Our maximum combined flue length is 20 metres. Deduct 1.25 metres for each 90° bend and 0.8 metres for each 45° bend.

Note: that this system is not suitable for use on the isar HE 35.



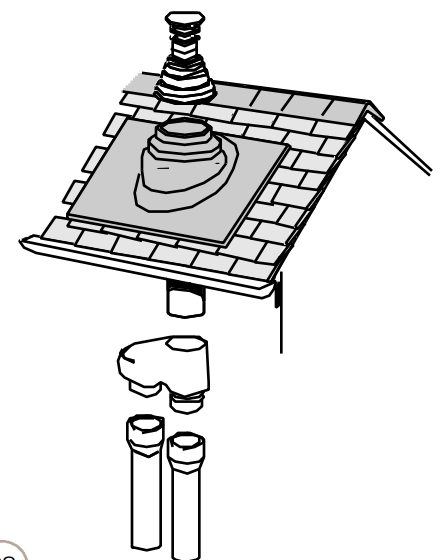
HORIZONTAL TWIN FLUING-TO HORIZONTAL TWIN-PIPE FLUE TERMINAL 125 MM DIAMETER

Flue	Part Number		Maximum straight flue length (mm)
	(80 mm)	(60 mm)	
Twin-Pipe Flue Connector	158398	200092	Refer to the relevant air and flue length combination graph (page 22 FIG. 1 or FIG. 2) for maximum straight flue length and reduce for elbows accordingly
Flue extension pipe (including support brackets)	152260	200095	
45° Elbow Kit (where required)	152810	200097	
90° Elbow Kit (where required)	158399	200096	
Horizontal Twin-Pipe Flue Terminal 125mm diameter	158518	n/a	



HORIZONTAL TWIN FLUING-HORIZONTAL FLUE & AIR TERMINALS IN OPPOSITE DIRECTIONS

Flue	Part Number		Maximum straight flue length (mm)
	(80 mm)	(60 mm)	
Twin-Pipe Flue Connector	158398	200092	Refer to the relevant air and flue length combination graph (page 22 FIG. 1 or FIG. 2) for maximum straight flue length and reduce for elbows accordingly
Flue extension pipe (including support brackets)	152260	200095	
45° Elbow Kit (where required)	152810	200097	
90° Elbow Kit (where required)	158399	200096	
Horizontal Flue Terminal	158400	200093	
Horizontal Air Terminal	158401	200094	

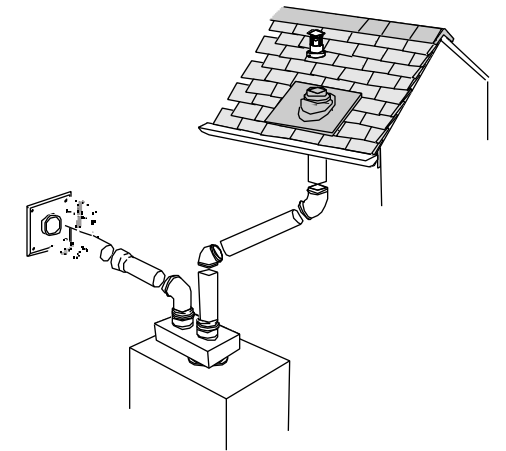


VERTICAL FLUE ARRANGEMENT-TO VERTICAL TWIN-PIPE FLUE TERMINAL

Flue	Part Number (80mm)	Maximum straight flue length (mm)
Twin-Pipe Flue Connector	158398	Refer to the relevant air and flue length combination graph (page 22 FIG. 1 or FIG. 2) for maximum straight flue length and reduce for elbows accordingly
Flue extension pipe (including support brackets)	152260	
45° Elbow Kit (where required)	152810	
90° Elbow Kit (where required)	158399	
Vertical Twin-Pipe Flue Terminal 125mm diameter	158519	
Weather Collar-125mm diameter	158520/158521	

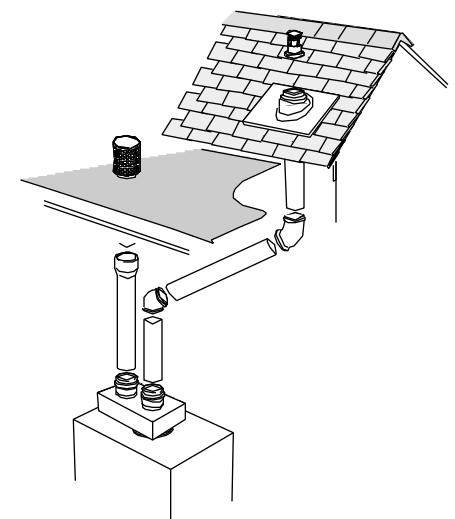
VERTICAL/HORIZONTAL FLUE ARRANGEMENT-HORIZONTAL AIR TERMINAL & VERTICAL FLUE TERMINAL

Flue	Part Number (80mm)	Maximum straight flue length (mm)
Twin-Pipe Flue Connector	158398	Refer to the relevant air and flue length combination graph (page 22 FIG. 1 or FIG. 2) for maximum straight flue length and reduce for elbows accordingly
Flue extension pipe (including support brackets)	152260	
45° Elbow Kit (where required)	152810	
90° Elbow Kit (where required)	158399	
Vertical Flue Terminal 100mm diameter	152378	
Weather Collar-100mm diameter	152258/152259	
Horizontal Air Terminal	158401	



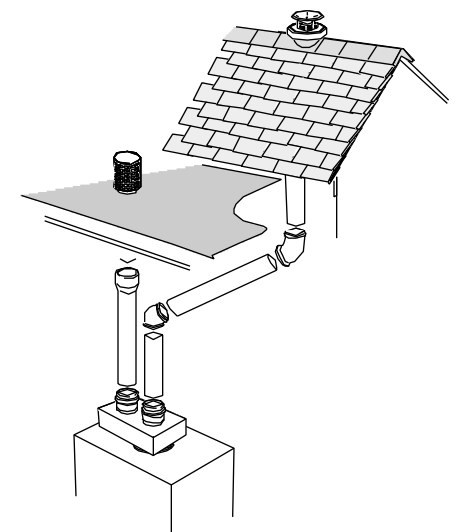
VERTICAL FLUE ARRANGEMENT-LOFT TERMINAL & VERTICAL FLUE TERMINAL

Flue	Part Number (80mm)	Maximum straight flue length (mm)
Twin-Pipe Connector	158398	Refer to the relevant air and flue length combination graph (page 22 FIG. 1 or FIG. 2) for maximum straight flue length and reduce for elbows accordingly
Flue extension pipe (including support brackets)	152260	
45° Elbow Kit (where required)	152810	
90° Elbow Kit (where required)	158399	
Vertical Flue Terminal 100mm diameter	152378	
Weather Collar 100mm diameter	152258/152259	
Loft Terminal Air Grille	158403	



VERTICAL FLUE ARRANGEMENT-LOFT TERMINAL & RIDGE TILE FLUE TERMINAL

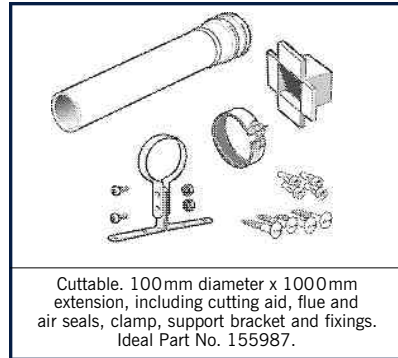
Flue	Part Number (80mm)	Maximum straight flue length (mm)
Twin-Pipe Flue Connector	158398	Refer to the relevant air and flue length combination graph (page 22 FIG. 1 or FIG. 2) for maximum straight flue length and reduce for elbows accordingly
Flue extension pipe (including support brackets)	152260	
45° Elbow Kit (where required)	152810	
90° Elbow Kit (where required)	158399	
Ridge Tile Flue Terminal	158415	
Weather Collar 100mm diameter	152258/152259	
Loft Terminal Air Grille	158403	



extras and accessories

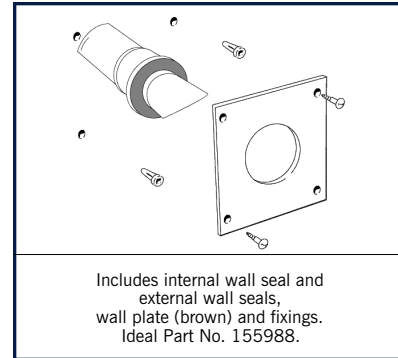
There are many extras and accessories available for use with all the Ideal appliances. All are competitively priced and readily available.

Flue pack D



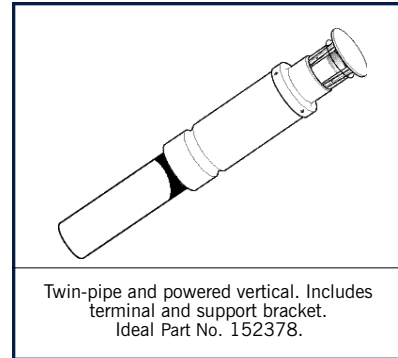
Cutttable. 100mm diameter x 1000mm extension, including cutting aid, flue and air seals, clamp, support bracket and fixings. Ideal Part No. 155987.

Flue finishing kit



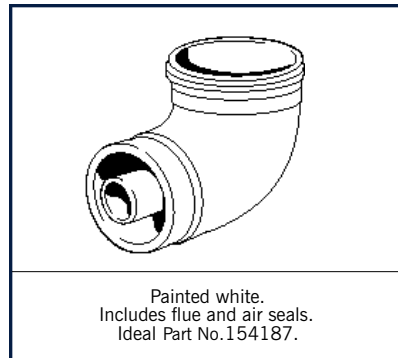
Includes internal wall seal and external wall seals, wall plate (brown) and fixings. Ideal Part No. 155988.

Vertical terminal



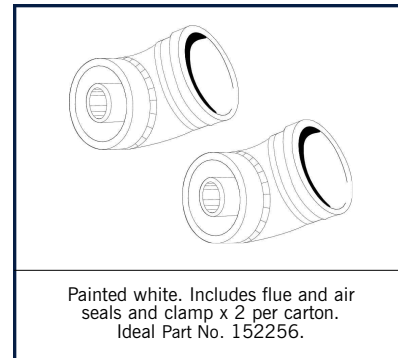
Twin-pipe and powered vertical. Includes terminal and support bracket. Ideal Part No. 152378.

90° Elbow kit - 100mm diameter



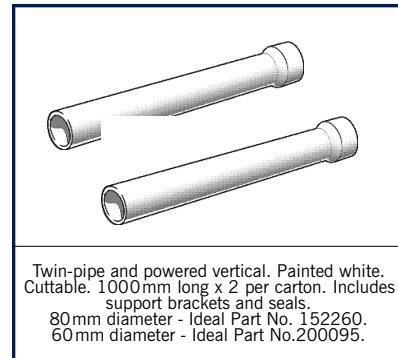
Painted white. Includes flue and air seals. Ideal Part No. 154187.

45° Elbow kit - 100mm diameter



Painted white. Includes flue and air seals and clamp x 2 per carton. Ideal Part No. 152256.

Flue extension pipe



Twin-pipe and powered vertical. Painted white. Cuttable. 1000mm long x 2 per carton. Includes support brackets and seals. 80mm diameter - Ideal Part No. 152260. 60mm diameter - Ideal Part No. 200095.

Vertical flue connector



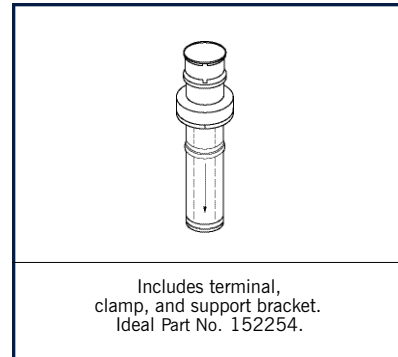
Painted white. Includes flue seal. Ideal Part No. 152253.

Vertical powered flue kit



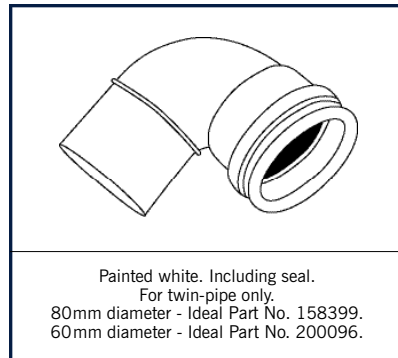
Includes air inlet grille, adaptor, condensate trap, flue extension and clamp. Ideal Part No. 152255.

Roof flue kit



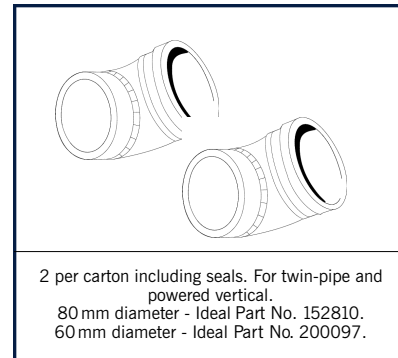
Includes terminal, clamp, and support bracket. Ideal Part No. 152254.

90° Elbow kit - 80mm diameter



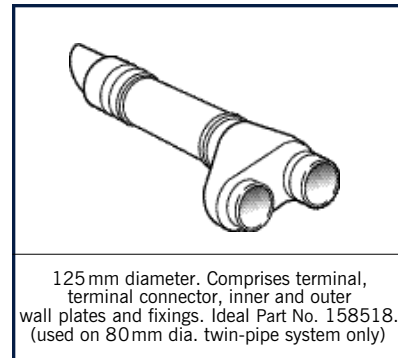
Painted white. Including seal. For twin-pipe only. 80mm diameter - Ideal Part No. 158399. 60mm diameter - Ideal Part No. 200096.

45° flue elbow



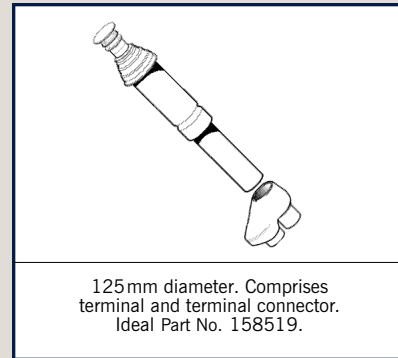
2 per carton including seals. For twin-pipe and powered vertical. 80mm diameter - Ideal Part No. 152810. 60mm diameter - Ideal Part No. 200097.

Horizontal twin-pipe flue terminal - 125mm diameter



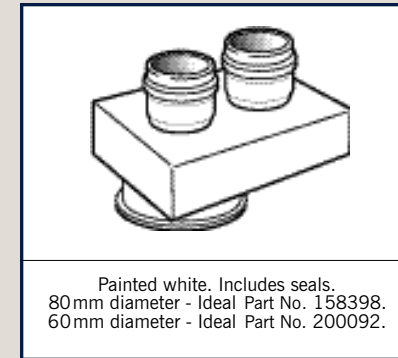
125mm diameter. Comprises terminal, terminal connector, inner and outer wall plates and fixings. Ideal Part No. 158518. (used on 80mm dia. twin-pipe system only)

Vertical twin-pipe flue terminal



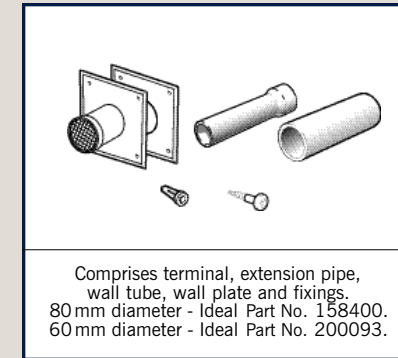
125mm diameter. Comprises terminal and terminal connector. Ideal Part No. 158519.

Twin-pipe flue connector



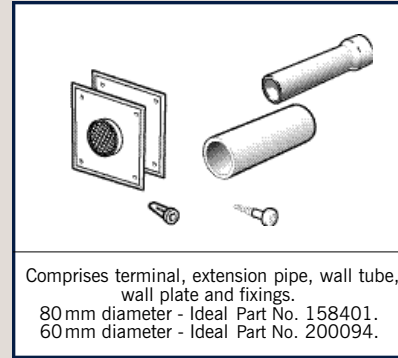
Painted white. Includes seals. 80mm diameter - Ideal Part No. 158398. 60mm diameter - Ideal Part No. 200092.

Horizontal flue terminal



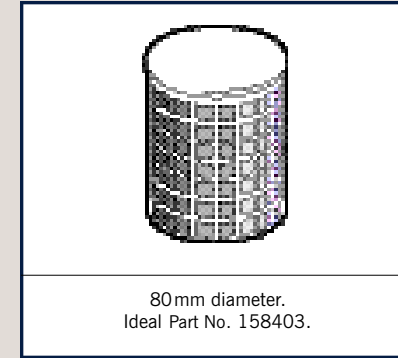
Comprises terminal, extension pipe, wall tube, wall plate and fixings. 80mm diameter - Ideal Part No. 158400. 60mm diameter - Ideal Part No. 200093.

Horizontal air terminal



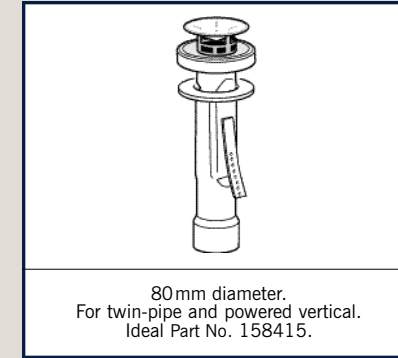
Comprises terminal, extension pipe, wall tube, wall plate and fixings. 80mm diameter - Ideal Part No. 158401. 60mm diameter - Ideal Part No. 200094.

Loft terminal air grille



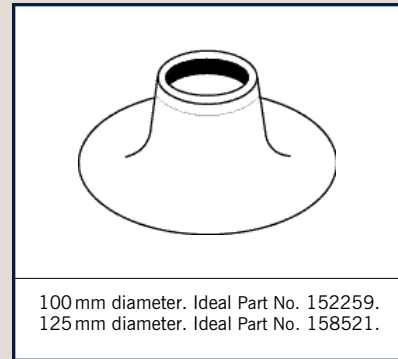
80mm diameter. Ideal Part No. 158403.

Ridge tile flue terminal



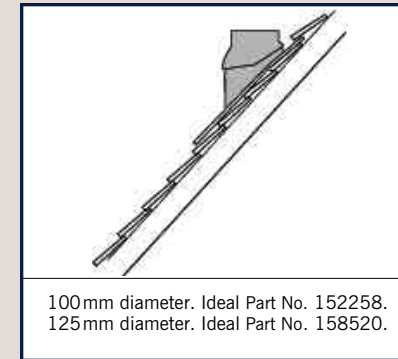
80mm diameter. For twin-pipe and powered vertical. Ideal Part No. 158415.

Weather collar - flat roof



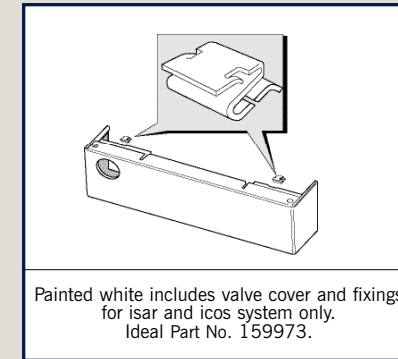
100mm diameter. Ideal Part No. 152259. 125mm diameter. Ideal Part No. 158521.

Weather collar - universal



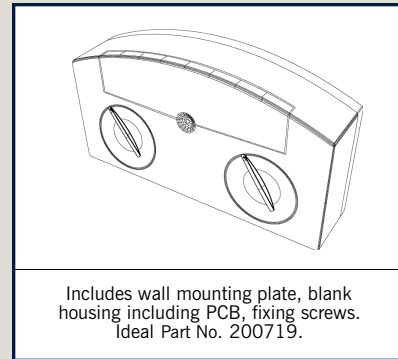
100mm diameter. Ideal Part No. 152258. 125mm diameter. Ideal Part No. 158520.

Valve cover kit



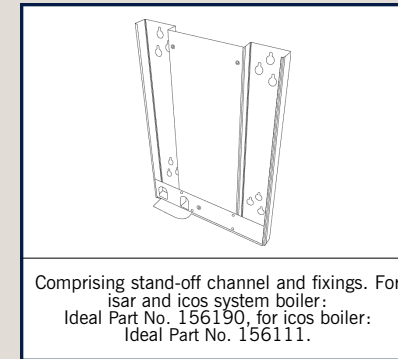
Painted white includes valve cover and fixings for isar and icos system only. Ideal Part No. 159973.

Remote user control kit



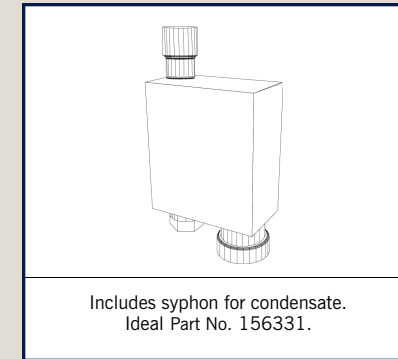
Includes wall mounting plate, blank housing including PCB, fixing screws. Ideal Part No. 200719.

Stand-off kits



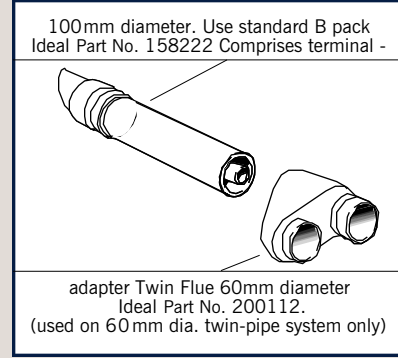
Comprising stand-off channel and fixings. For isar and icos system boiler: Ideal Part No. 156190, for icos boiler: Ideal Part No. 156111.

S-Pack syphon kit



Includes syphon for condensate. Ideal Part No. 156331.

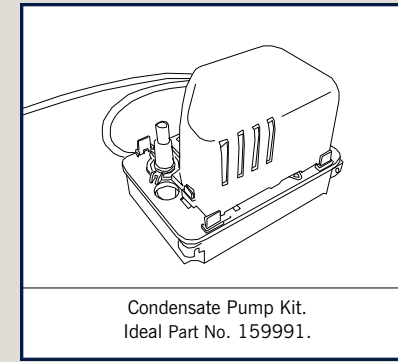
Horizontal twin-pipe flue terminal 100mm diameter



100mm diameter. Use standard B pack Ideal Part No. 158222 Comprises terminal -

adapter Twin Flue 60mm diameter Ideal Part No. 200112. (used on 60mm dia. twin-pipe system only)

Condensate Pump Kit



Condensate Pump Kit. Ideal Part No. 159991.

support

Training

An absolute commitment to customer training places Ideal above its competitors. Acknowledged as industry experts in standard and high-efficiency products, Ideal's training staff offer both theoretical and 'hands-on' instruction in product and system applications to installers and merchants through training schools, colleges and mobile units.

After-sales

Ideal operates its own call centre and national network of engineers. Staff in the call centre are comprehensively trained to ensure that they provide technical solutions to the design, installation, service and maintenance of all Ideal products. Dedicated Technical Helplines, one for installers (01482 498663) and one for householders (01482 498660) ensure that the caller is greeted by a member of staff specifically trained to meet their needs.

The Customer Service Helplines operate at the following times:

Monday - Friday 8 am - 5 pm
Saturday 8 am - 2 pm
Sunday 8 am - 12 pm

Service engineers

Ideal engineers only work on Ideal products. This together with ongoing training, a fully equipped van and the latest technological aids, underpin Ideal's first time fix capability.

Spares

Guaranteed spare parts for all appliances are generally available for a minimum of 10 years after cessation of production. Parts can be easily sourced from Ideal's nationwide network of approved stockists.

For information about Ideal spare parts and for a list of stockists please call our Parts Department on 01482 498665. Alternatively you can learn about Ideal products and its Parts listings through the website or the Ideal Parts CD available through the Parts Department.

technical helpline

01482 498663

or alternatively fax us on 01482 498666

parts orderline

01482 498665

literature hotline

0870 8498056

householder helpline

01482 498660

training

01482 498432

or alternatively fax us on 01482 498605

sales orders and enquiries

0870 8498056

or alternatively fax us on 0870 8498058

www.idealboilers.com

enquiries@idealboilers.com

notes

Ideal Boilers is a member of the Benchmark Initiative and fully supports the aims of the programme. Benchmark has been introduced to improve standards of installation and commissioning of central heating systems in the UK and to encourage the regular servicing of all central heating systems to ensure safety and efficiency.

BS EN ISO 9001:2000

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The code of practice for the installation,
commissioning & servicing of central heating systems



These products have an
energy rating of A on a
scale of A-G.
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