

Flue Options

The standard flue is suitable only for horizontal termination applications. Maximum permissible equivalent flue lengths are:

Horizontal Concentric	10/20* metres
Vertical Centric	10/20* metres
Vertical Twin Pipe	15 metres

*Dependant on flue system used.

Any additional 'in line' bends in the flue system must be taken into consideration.

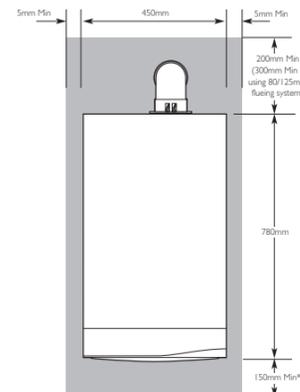
Their equivalent lengths are:

Concentric pipes:	135(degree sign)	0.5 metres
	93(degree sign)	1.0 metres
Twin Flue Pipe:	135(degree sign)	0.25 metres
	90(degree sign)	0.50 metres

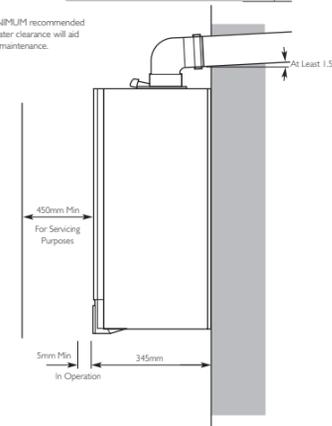
The elbow is now supplied with the flue system (not the appliance) and is not in any equivalent length calculations. The multifit flue illustrations show examples of permissible flue lengths. Instructions for guidance and fitting are included in each kit, where appropriate.

Accessories	Sales code
Multifit Gas Saver (Natural Gas)	720056901
Multifit Gas Saver Expansion Vessel Kit (Natural Gas)	720066401
Gas Saver – Stand Off Kit	720079701
Stand Off Kit (facilities vertical pipe runs behind boiler)	5117035
Integral 7 Day Electronic Timer	247207
Single Channel Wireless Programmable Room Thermostat	5117392
Multifit Condensate Trace Heating Kit 1m	720644401
Multifit Condensate Trace Heating Kit 2m	720664101
Multifit Condensate Trace Heating Kit 3m	720664201
Multifit Condensate Trace Heating Kit 5m	720664401
Multifit External Boiler Discharge Pump (PRV & Compensate)	720648301
Automatic Air Vent Kit	720004701*

*Available as a spare part via Interpart. The AAV kit is to be used when the boiler is installed at the highest point in the system (e.g loft).



*This is the MINIMUM recommended dimension. Greater clearance will aid installation and maintenance.



General Enquiries

Tel: 0844 871 1560

Please note

Calls to the contact centre may be recorded or monitored for training purposes.

Potterton

Brooks House, Coventry Road,
Warwick CV34 4LL.

www.pottertontitanium.co.uk

Where to find out more about your Potterton Titanium

Visit www.pottertontitanium.co.uk

Call 0208 3123720

Get advice, latest prices and help on choosing the right boiler for you.



Potterton policy is one of continual improvement and development. The right to change specification and appearance without prior notice is reserved. The reproduction of colours is as accurate as photographic and printing processes allow. The consumer's statutory rights are not affected. e&oe

POTTERTON

TITANIUM

THE GREAT BRITISH BOILER

150 years of British-built brilliance

If you want to know what makes Potterton different, this fact should illustrate it perfectly; over the last 150 years, we've built and installed more than 7 million boilers, right across Great Britain.

The Potterton Titanium is the latest instalment in our story of British-built brilliance. Not only does it compete with the most expensive boilers on the market, it comes at a significantly lower price. It's backed by our award-winning **heateam** support service, and now comes with a 7-year warranty*. All of which means our good name looks set to carry on even longer.

Market-leading specification at a game-changing price

We think it's about time British engineering stood up for itself. And with the Potterton Titanium, we're doing exactly that. It delivers all the superb A-rated performance you'd expect from a quality boiler, but it costs a lot less.

Total peace of mind with a 7-year warranty* as standard

We're so confident of the quality of the Titanium that we're now offering a 7-year parts and labour warranty.*

heateam

The best support service in
the business, 363 days a year.



It's not just our boilers that are the best you can get. Our support service is too **heateam** combines an award winning customer service, hundreds of highly-trained engineers across the UK and a first-time fix rate of 95%.

All of which means you and your boiler are in very safe hands, on nearly every day of the year. (Well, they do deserve a couple of days off every year.)

POTTERTON
TITANIUM

*Terms and conditions apply. Visit www.pottertontitanium.co.uk/warranty for more details.

7 YEAR
WARRANTY
POTTERTON TITANIUM

A great boiler at a great price. Now that's a warm feeling.



Why choose the Potterton Titanium?

There are plenty of reasons to ask your installer for the Potterton Titanium beyond the unbeatable price. Just take a look at some of the main features and benefits of this revolutionary boiler:



Supreme efficiency

The Potterton Titanium delivers instant hot water and heating incredibly efficiently. In fact, even if your boiler is still working well, replacing it could make perfect sense. A fully functioning, regularly serviced boiler that's 10 years old could cost around £300* more in annual heating bills than a new model.



Instant hot water

The Titanium offers proven performance for baths, showers and taps – so you'll never be without piping hot water.



24-hour clock fitted as standard

The Potterton Titanium is designed with intuitive controls that make it easy to regulate your heating and hot water separately.

The build in clock lets you plan when you use your boiler, making it as efficient as possible and saving you money. (With some boilers, it's an extra you pay for. Not Potterton Titanium).



Packed with safety features

Safety technology such as frost protection means your boiler works perfectly for longer, saving you money on maintenance.



7-year parts and labour warranty

Gives you complete peace of mind and savings on maintenance costs. Please visit www.pottertontitanium.co.uk/warranty for more details.

National support from **heateam**

Support throughout the lifetime of your boiler.



Recommended by the Energy Saving Trust

Like all Potterton boilers, the Potterton Titanium meets the strict efficiency criteria set by the Energy Saving Trust.

*This estimated saving is based on changing from an older G rated (<70%) boiler and replacing this with a new A-rated condensing boiler. Source: Energy Saving Trust. www.est.org.uk



Superb boiler. Superb price. Superb support.

Why install the Potterton Titanium?

The price may be well ahead of the competition, but that's not the only thing that makes the Potterton Titanium such a great option for installers. Check out its features and benefits to find out why:



Built on proven technology

The components used in the Titanium are tried and tested for class leading reliability and they meet all the latest SEDBUK 2009 legislations. That saves you time on maintenance and your customer money on their fuel bills.



Complete range of outputs, including Potterton's FIRST 40kW boiler

As if 24, 28 and 33kW appliances weren't enough, we've added our first 40kW boiler, so you'll have an option for every customer.



Pre-fitted 24-hour mechanical clock and filling loop as standard

Saves time on installation, so you can get the job done and move onto the next one.

Wall mounting plate

Makes mounting a simple one-man job, cutting valuable time off each installation.

Fluing flexibility with options up to 20m

Gives you more options when siting the boiler, making every installation easier.



7-year parts and labour warranty

It means peace of mind for your customers and saves on maintenance for you. Please visit www.potterontitanium.co.uk/warranty for more details.

National support through **heateam**

Total installer support, so you can solve maintenance issues faster.



National training support in all products and technology

From gas appliances to renewables, our training lets you expand your knowledge, and win business in new areas.



Get the dream team
on your side.



heateam

heateam is our award-winning support service. Whether you need a service or repair, or just advice and guidance, they're on hand 363 days a year.

Whatever you need, just call our award-winning call centre and they'll have one of our 250 engineers with you as soon as they can.

Servicing

Keeping your boiler regularly maintained doesn't just ensure it works smoothly – it keeps it as efficient as possible too. Speak to your installer or call **heateam** and they'll arrange a service for you.

Repair

Even the very best boilers have the occasional hiccup. Not to worry though, we have an army of highly trained engineers standing by to resolve any problem you may have.

Product advice

If you've just had a boiler installed and have any questions, we're on hand to help. Whatever's crossing your mind, don't hesitate to call us.

Installer support

If you're an installer and have a query about problem-solving, installation, flues, boiler selection or anything else, just call **heateam**. Our fully-trained technical advisors have all the latest information and know-how, and they're waiting to help.

Winner: **heateam**

We were recently ranked top for Customer Service in the heating sector and 5th best overall in the UK. So you can be sure you'll get the help you need whenever you need it.



Where to buy your Potterton Titanium

Visit www.pottertontitanium.co.uk

Call 0208 3123720

Get advice, latest prices and help on choosing the right boiler for you.



Technical information

Potterton Titanium Combi – Specification	Units	24kW	28kW	33kW	40kW
Titanium Combi Outputs		24kW	28kW	33kW	40kW
Sales Code (Boiler only)		7210119	7210121	7210123	7210125
Sales Code (Std Flue & Elbow 60/100)		5118489	5118489	5118489	5118489
Sales Code (Boiler with flue)		7210118	7210120	7210122	7210124
Controls					
Concealed User Controls		Yes	Yes	Yes	Yes
Operating Mode Selector Switch with Reset		Yes	Yes	Yes	Yes
User Adjustable DHW Temperature		Yes	Yes	Yes	Yes
User Adjustable CH Temperature		Yes	Yes	Yes	Yes
LCD Operating Status Display		Yes	Yes	Yes	Yes
LED Operating Status Display		Yes	Yes	Yes	Yes
Integral 24hr Electro-Mechanical Timer		Yes	Yes	Yes	Yes
Integral 7 Day Electronic Timer		Optional	Optional	Optional	Optional
Single Channel Wireless Programmable Room Thermostat		Optional	Optional	Optional	Optional
Gas					
Gas (Natural Gas/LPG)		NG	NG	NG	NG
Inlet Supply Pressure	mbar	20	20	20	20
Maximum Gas Rate	m ³ /hr	2.61	3.06	3.6	4.36
Central Heating Input (max)	kW	22.7	27.4	32.1	36.4
Central Heating Output - Condensing (max)	kW	21	25.9	30.3	34.4
Central Heating Output - Non Condensing (max)	kW	20	24	28	32
Domestic Hot Water Input (max)	kW	27.4	32.1	37.7	45.7
Seasonal Efficiency	%	91.1	91.1	91.1	91.1
SEDBUK Rating Band		A	A	A	A
NOx Class		5	5	5	5
NOx Levels	mg/kWhr	22.3	26	21.8	25.2
Electrical					
Electrical Supply	volts/Hz	230/50	230/50	230/50	230/50
Permanent Live Required		Yes	Yes	Yes	Yes
Power Consumption	watts	155	155	160	160
External Fuse Rating	amps	3	3	3	3
Boiler IPX Rating (Electrical Protection)		IPX5D	IPX5D	IPX5D	IPX5D
Integral 'Boiler Only' Frost Thermostat		Yes	Yes	Yes	Yes
Mechanical					
Wall Mounting Jig		Yes	Yes	Yes	Yes
Isolating Valves		Yes	Yes	Yes	Yes
Gas Supply Connection	mm	22	22	22	22
Central Heating Connections	mm	22	22	22	22
Domestic Hot Water Connections	mm	15	15	15	15
Condensate Drain Connection	mm	21.5	21.5	21.5	21.5
Safety Discharge Connection	mm	15	15	15	15
Filling Loop Kit		Yes	Yes	Yes	Yes
Hydraulic					
Domestic Hot Water Output (Raised 35°C) (max)	l/min	9.8	11.5	13.5	16.4
Domestic Hot Water Operating Flow Rate (min)	l/min	2	2	2	2
Domestic Hot Water Operating Pressure (min)	bar	0.15	0.15	0.15	0.15
Domestic Hot Water System Pressure (max)	bar	8	8	8	8
Safety Discharge Pressure	bar	3	3	3	3
Integral Automatic Bypass		Yes	Yes	Yes	Yes
Integral Expansion Vessel Capacity	litres	8	8	10	10
CH System Capacity (max)	litres	125	125	155	155
Compartment Ventilation Required		No	No	No	No
24hr Pump Exercise		Yes	Yes	Yes	Yes
Pump Overrun		Yes	Yes	Yes	Yes
Concentric Flue Systems					
Concentric Flue Diameters	mm	60/100 and 80/125			
Concentric Flue Length	mm	685	685	685	685
Max. Equivalent Vertical Length (Ø 60/100)	m	10	10	10	10
Max. Equivalent Vertical Length (Ø 80/125)	m	20	20	20	20
Max. Equivalent Horizontal Length (Ø 60/100)	m	10	10	10	10
Max. Equivalent Horizontal Length (Ø 80/125)	m	20	20	20	20
Twin Flue System					
Twin Pipe Flue Diameter	mm	80/80	80/80	80/80	80/80
Max. Equivalent Vertical Length	m	15	15	15	15
Max. Equivalent Horizontal Length	m	15	15	15	15
Plume Displacement Kit					
Max. Equivalent Vertical Length	m	14	8	8	8
Weights					
Gross Packaged Boiler Weight	kg	48.6	49.2	51	51
Packaged Boiler Dimensions (LxWxD)	mm	964 x 540 x 403			

Flue illustrations



Horizontal Concentric Flues 60/100mm – Flue System A	Specification	KEY & OD dimensions	Sales code
Horizontal Flue inc Elbow	685mm	60/100mm	5118489
Horizontal Telescopic Flue inc Elbow	315-500mm	60/100mm	5118069
Telescopic Internal Flue Kit		100mm	5119654
Flue Extension	1000mm	100mm	5111074
Flue Bend (Pair)	135 degree	100mm	5111085
Flue Bend	135 degree	100mm	5111076
Flue Bend	93 degree	100mm	5111075
Flue Wall Liner		100mm	5111067
Flue Terminal Deflector		60mm	5111068
Pipe Support	Painted white	100mm	5111080
Low Profile Flue Elbow		60/100mm	720550801
Terminal Offset Adaptor		60/100mm	720635501

Vertical Concentric Flues 60/100mm – Flue System A	Specification	KEY & OD dimensions	Sales code
Vertical Flue Terminal		100mm	5118576
Roof Cover Plate		125mm	246143
Flue Extension	1000mm	100mm	5111074
Flue Bend	93 degree	100mm	5111075
Flue Bend (Pair)	135 degree	100mm	5111085
Flue Bend	135 degree	100mm	5111076
Pipe Support	Painted white		5111080
Pitched Roof Flashing	25/50 degree	125mm	5122151
Flat Roof Flashing		125mm	246144

Horizontal Concentric Flues 80/125mm – Flue System G	Specification	KEY & OD dimensions	Sales code
Horizontal Flue inc Boiler & Terminal Adaptors		125mm	5118580
Flue Extension	1000mm	125mm	5118584
Flue Bend	91.5 degree	125mm	5118588
Flue Bend (pair)	135 degree	125mm	5118597
Pipe Support for use with 125mm Flue Pipes		125mm	5118610

Vertical Concentric Flues 80/125mm – Flue System G	Specification	KEY & OD dimensions	Sales code
Vertical Flue Terminal		125mm	5111078
Flue Extension	1000mm	125mm	5118584
Flue Bend	91.5 degree	125mm	5118588
Flue Bend (Pair)	135 degree	125mm	5118597
Roof Cover Plate		125mm	246143
Flue Vertical Adaptor		100/125mm	5111070
Pitched Roof Flashing	25/50 degree	125mm	5122151
Flat Roof Flashing		125mm	246144
Pipe Support for use with 125mm Flue Pipes		125mm	5118610

Twin Pipe Flues 80/80mm – Flue System N	Specification	KEY & OD dimensions	Sales code
Vertical Flue Terminal		125mm	5111078
Twin Pipe Extension (Pair inc Brackets)	1000mm	80mm	5111087
Twin Pipe Flue Bend (Pair)	90 degree	80mm	5111072
Twin Pipe Flue Horizontal Terminal Kit (Single)		80mm	5121791
Twin Pipe Flue Bend (2 Pair)	135 degree	80mm	5111086
Roof Cover Plate		125mm	246143
Twin Pipe Flue Horizontal Terminal Kit (Pair)		80mm	5120172
Twin Pipe Support (Pair)	Painted White	80mm	5111081
Twin to Concentric Adaptor 80/80-80/125		80/125mm	5111084
Pitched Roof Flashing	25/50 degree	125mm	5122151
Flat Roof Flashing		125mm	246144
Twin Pipe Flue Adaptor (Boiler)		80mm	720089801
Pitched Roof Terminal 25/45 Degree		60mm	5106164
Pitched Roof Terminal Adaptor Kit		60-80mm	5121792

Plume Displacement 60/100mm Concentric to 60mm PDK – Flue System K	Specification	KEY & OD dimensions	Sales code
Plume Displacement Kit inc Elbow & Clips		100mm	5118638
Plume Displacement Kit Extension inc Clip	1000mm	60mm	5121368
Plume Displacement Kit Bend	93 degree	60mm	5121369
Plume Displacement Kit Bend (Pair)	135 degree	60mm	5121370

