

Hot Water Cylinders that work in harmony with your boiler

Combining quality, durability, and efficiency, the Instinct hot water cylinder range has been designed to work hand-in-hand with your boiler for excellent results. Available in sizes of up to 300 litres, Instinct's hot water cylinders can help keep your home comfortable all year round —whatever your central heating needs.

25 year vessel warranty

Less space required – no need for a water storage tank in the loft

Perfect for homes that have a high demand for hot water

Corrugated heating coil

Manufactured from duplex stainless steel

Manufactured in the UK

Instinct hot water cylinders – a high quality addition to your central heating system.



Visit [instinctproducts.co.uk](https://www.instinctproducts.co.uk)
and find your local stockist

Heating

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Heating Features

There are many features in our Instinct Pro Heating range. Use the icons to help choose the right option for you.

					
Manufactured in the UK	Compact Fit Design	Low Fit Weight	OpenTherm Ready	Easy Read Pressure Gauge	Improved Digital Display
					
Dial + Button Design	Backlit Display	Mechanical Timer	Frost Protection	Service Timer Function	Wireless
					
NOx Class 6	Boiler Plus Compliant	Wired – No Batteries	IP44 Rated	Thermal Protection	Proven Technologies
					
Mains Pressure Hot Water	Compression Fittings Used	Standard & Slimline Cylinder Models	High Corrosion Resistant Duplex Stainless Steel	Built-in 40mm Insulation	Reduced Diameter Cylinder
					
ErP Rating	Slim Design	Manufactured from Steel	Tested to Withstand 10 Bar Pressure	Easy Installation	Next Day Delivery Available

Our frequently ordered Heating products...

Easy To Install



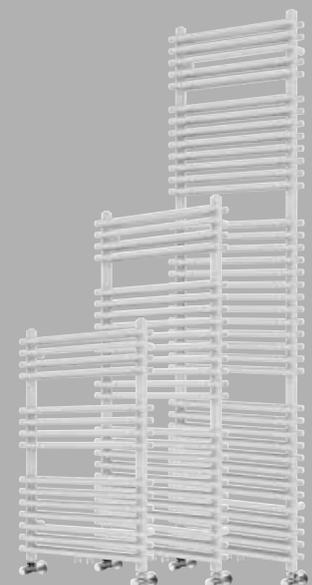
Ideal Instinct² Boilers
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Ideal Heating Cylinders
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Wilco Atmos PICO Circulating Pump
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Tulla Towel Rails
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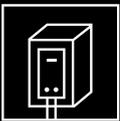
Multiple Sizes

Henrad Compact Radiators
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ideal
HEATING

INSTINCT²

24 30 35 Combi Boilers



Compact cupboard fit



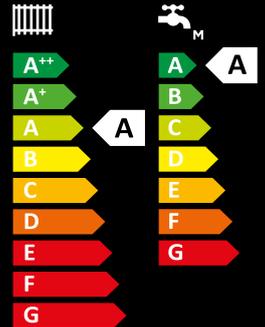
Low lift weight



OpenTherm ready



Easy to read pressure gauge



NOx class 6



Frost protection



Improved digital display

Boilers

Guarantees

5 Years
on Ideal Instinct² Combi Boilers

Ideal Instinct² Combi Boiler

The Instinct² combination boiler is available in outputs of 24, 30 and 35 kW providing a cost effective heating solution for a range of domestic installations.

Complete with domestic hot water temperature controls including a switched preheat function, mechanical built-in timer and a digital operating status & diagnostic display, the Instinct² provides reliable control of the homes heating and hot water performance.

Features + Benefits

Quick and easy to install

Compact cupboard fit design

Easy access to all components for **smooth maintenance**

Tried and tested technology (inc. Grundfos pump)

Fast Fix flue turret connections

Ideal OpenTherm wired room thermostat available for **Boiler Plus compliance 221527**

Fully supported by Ideal Service Division

Finish – White

Dimensions – 700(h) x 395(w) x 285(d) mm



220481 Ideal Instinct² 24 Combi Boiler

220482 Ideal Instinct² 30 Combi Boiler

220483 Ideal Instinct² 35 Combi Boiler

Don't forget your Heating System Chemicals

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Instinct Pro Central Heating System Chemicals will actively contribute to a healthy heating system.



Specification	Instinct ² 24	Instinct ² 30	Instinct ² 35
Weight (packaged) (kg)	33.7	33.7	33.8
Max installation weight (kg)	29.9	29.9	30.0
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 rating (2005) %	91.0	91.1	91.0
SEDBUK rating (2009/2012) %	89.0	89.0	88.9
NOx classification	Class 6	Class 6	Class 6
Water heating efficiency class	A	A	A
Max horizontal flue (m)	9	8	6
Max vertical flue (m)	7.5	7.5	7.5
Seasonal space heating efficiency class	A	A	A
Seasonal space heating energy efficiency (η _s) %	94	94	94
Sound power level, indoors (LWA dB)	46	46	41



Boilers

Guarantees

2 Years
on Ideal Thermostat

Easy To Install

Simple dial and button design

Backlit colour screen with large text and icons

Service timer function

Boiler plus compliant

Wireless

Ideal Halo Lite RF Thermostat

The Ideal Halo Lite RF is a single zone combi programmable room thermostat designed to benefit both installers and homeowners.

Boasting a large colour screen and easy to use button and dial interface. It has been tested to ensure it is intuitive and easy to understand. Specifically designed to work with the Instinct² by providing temperature control and Boiler Plus compliance in one simple device.

Features + Benefits

Designed specifically to work with Instinct² Boilers

Wireless control with robust signal

Maintain boiler health with on screen service and fault notifications

Fast and simple to install with out of the box pairing

Advanced settings to tailor controls to tenant and landlord needs

Easy to set heating schedules with up to 6 events per day

Load compensation provides **easy Boiler Plus compliance**

Frost protection for winter boiler and system protection

Compact and contemporary design with large, clear colour screen

Finish – White

Dimensions –

96(h) x 96(w) x 35(d) mm (PRT)

112(h) x 108(w) x 32(d) mm (Receiver)



237423

Ideal Halo Lite RF Thermostat

Specification

Communication Protocol	868 Mhz (Receiver & Room Thermostat), OpenTherm (Boiler & Receiver)
Power Source	4x AA Batteries (PRT), 240 Vac (Receiver)
Voltage	240 Vac
Install Location	Wall or desk mounted
ERP Class	VI
Boiler Plus	Yes
WEEE	Yes

Flue + Accessories



Instinct² Weather Compensation Kit

Finish – White

Dimensions – 100(h) x 60(w) x 20(d) mm

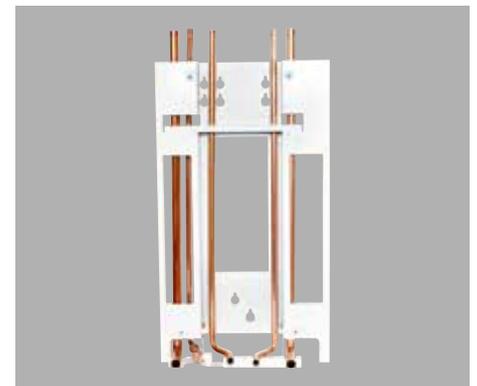
216119



Horizontal Flue Terminal (for Instinct² Combi)

Dimensions – 135(h) x 116(w) x 852(l) mm

208173



Instinct² Stand Off Kit

Dimensions – 700(h) x 395(w) x 50(d) mm

207668



FAST FIT **EFFORTLESS** **SETUP**

- › **Plug and play cylinders** – two pipes, one cable
- › **Quick to commission** - syncs with Halo controls
- › **Compact size, low clearance** – easy to site, easy on the eye

That's ideal.



Find out more at
[idealheating.com](https://www.idealheating.com)



Pumps

Guarantees

3 Years
on Condensate Removal Pump

Easy To
Install

Easy To
Maintain



Condensate Removal Pump

One-piece centrifugal pump with tank.

Centrifugal pump for heavy and contaminated condensates. Suitable for gas condensing boilers producing acid (pH > 2.5) and hot condensates (65°C max, 80°C in short peaks). Normally closed alarm contact that automatically cuts off the air conditioning system compressor or a solenoid valve.

Features + Benefits

Exceptional durability and reliability

Quick and easy installation in any place

Quick and easy maintenance

Easily removable tank and reversible pump

Reinforced mechanical structure improving shocks resistance

IP20 regular duty (2 Litre tank capacity)

500 l/h max flow rate

5.0m max discharge head

5.4m max pressure (flow rate 0)

≤ 45 dBA sound level in application at 1m

65°C, 80°C in short peaks max condensate temperature

pH > 2.5 (Gas condensing boilers) max condensate acidity

105°C thermal protection (auto reset)

Oil and acid resistant float

Finish – Grey + Black

Dimensions – 183(h) x 136(w) x 293(l) mm



SI1802INAN23

Condensate Removal Pump

Kit Contents

Integrated tank pump of 2 Litre

Integrated check valve

Power cable – 2m bare ends

Alarm wires – 1m

Tubing Adapter – 10 mm (3/8") to 6 mm (1/4")

2 screws + plug



INSTINCT® | PRO

Instinct Hot Water Cylinders

Instinct's hot water cylinders work hand in hand with your boiler to provide your home with the heat and warmth you need. Perfect for homes that have a high demand for hot water, Instinct hot water cylinders are a high quality addition to your central heating system.

www.instinctproducts.co.uk

Pages
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Direct
+ Indirect
Models

Slimline
Options

INSTINCT® | PRO



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Unlock the potential of your project with our extensive range of bathroom, plumbing, and heating products online.

With over 3,000 top-quality products at your fingertips, you can easily find everything you need to enhance your project. Download essential documents, locate your nearest branch effortlessly, and join our community by liking and subscribing for the latest updates on news and product releases. Don't miss out – transform your projects today!

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Pumps

Guarantees

5 Years
on Wilo Atmos PICO Circulating Pump

Easy To Install


Wilo Atmos PICO Circulating Pump

The Wilo Atmos PICO is the ideal entry-level pump with a simple user interface and standard design. Equipped with the most essential settings and functions, it can be put into operation for heating, air conditioning and cooling applications extremely quickly and easily.

Features + Benefits

New & redesigned small circulator pump

Variable differential pressure, allowing the pump to modulate to the requirements of the system ensuring **efficiency and energy savings**

Ease of installation with the compact design, Wilo connector at the side and front access to motor screws

Easy to use settings, with a push button for selection, two operating modes and six curves identified by 5 LEDs

Finish – Green / Black / Grey

Dimensions – 130(h) x 102(w) x 127(d) mm (4232693)

180(h) x 102(w) x 139(d) mm (4232696)

Weight – 1.9kg (4232693), 2.3kg (4232696)



4232693 Wilo Atmos PICO 130 (6m)

4232696 Wilo Atmos PICO 180 (8m)

Atmos PICO 130 (6m)

Operating Specification

Field of Application	Heating / Floor heating / Air conditioning
Max. Operating Pressure	10 Bar
Performance Range	6m to 3.5 m ³ /h
Water Temp at Max Ambient Temp of +40°C	-10°C/95°C
Protection Class	IPX2D
Min/Max Power Consumption	4-40W
Display	7 LEDs
Operation	Push button
Setting (nb curves)	6 curves
Regulation Modes	Δp-v, 3 speeds
Faults Management	LED with blinking code
Quick Connection	Yes
Dejamming	Automatic
Compactness (L2 dimension)	94.1
EEl	≤0.23

Atmos PICO 180 (8m)

Operating Specification

Field of Application	Heating / Floor heating / Air conditioning
Max. Operating Pressure	10 Bar
Performance Range	8m to 4.3 m ³ /h
Water Temp at Max Ambient Temp of +40°C	-10°C/95°C
Protection Class	IPX2D
Min/Max Power Consumption	4-75W
Display	7 LEDs
Operation	Push button
Setting (nb curves)	6 curves
Regulation Modes	Δp-v, 3 speeds
Faults Management	LED with blinking code
Quick Connection	Yes
Dejamming	Automatic
Compactness (L2 dimension)	94.1
EEl	≤0.23

Guarantees

5 Years on Wilo Yonos PICO-Z Circulating Pump

new

Easy To Install

Low Noise

Energy Efficient



Wilo Yonos PICO-Z Circulating Pump

The compact Wilo-Yonos PICO-Z is the ideal replacement pump when switching to energy-saving circulators for domestic hot water applications in detached, semi-detached and multi-family houses. The high-efficiency pump equipped with a thermal insulation shell offers a high-degree of hygienic safety due to its stainless-steel housing. The Wilo-Connector enables quick electrical installation. With the automatic and manual restart as well as the pump venting function, the Wilo-Yonos PICO-Z offers all the standard functions required for reliable operation.

Features + Benefits

Stainless steel pump housing provides **hygienic safety**

EC motor enables **energy-saving supply**

Green Button Technology, intuitive user interface with LED display and continuous control functions **offer ease of use**

Simple electrical installation with the Wilo-Connector

Finish – Green / Black / Grey
 Dimensions – 130(h) x 114(w) x 152(d) mm
 Weight – 1.7kg



Operating Specification

Max. Operating Pressure	10 Bar
Max. Fluid Temperature	95°C
Min. Fluid Temperature	2°C
Min. Ambient Temperature	-10°C
Max. Ambient Temperature	40°C
Temperature range at max. ambient temperature +40 °C	+2...+70
Max. permitted total water hardness	3.57 mmol/l (20°dH)

Installation Dimensions

Pipe Connection on the Suction Side	G 1½
Pipe Connection on the Discharge Side	G 1½
Port-to-port Length	130 mm

Motor Specification

Mains Connection	1~230 V, 50 Hz
Rated Power	0.03 kW
Rated Current	0.44 A
Min. Speed	700 1/min
Max. Speed	4200 1/min
Min/Max. Power Consumption	4-40 W
Emitted Interference	EN 61000-6-3
Interference Resistance	EN 61000-6-2
Electromagnetic Compatibility	EN 61800-3
Insulation Class	F
Protection Class Motor	IPX4D
Speed control	Frequency converter
Motor protection	Integrated

Materials

Pump Housing	1.4409
Impeller	PPO-GF30
Shaft	Oxide Ceramic
Bearing	Carbon-graphite

4255416 Wilo Yonos PICO-Z

Cylinders

Ideal Instinct Indirect Pre Plumbed System
Ready Cylinders

120 150 170 200 250 + 300

25

Year Guarantee†



Next day delivery available

Proven technologies and
quality manufacturing at a
competitive priceHigh corrosion resistant
duplex stainless steel

Mains pressure hot water



Manufactured in the UK



High quality fittings

Straight pipework for
easy installation

B ErP rating up to 170L model

†Guarantees

25 Years on Vessel **2** Years on Parts

Cylinders

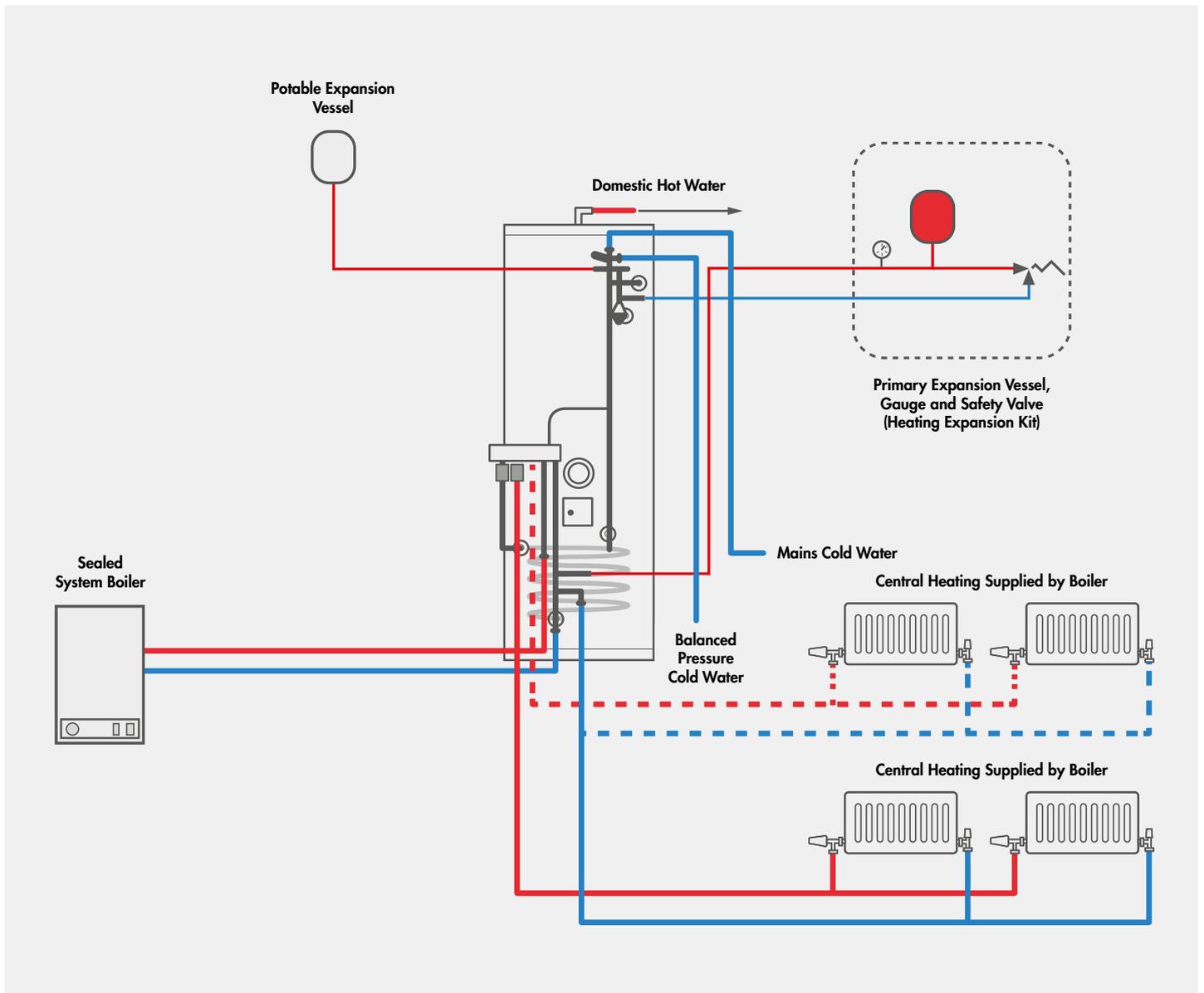
Ideal Instinct Indirect Pre Plumbed System Ready Cylinders

- Finish – Grey
- Dimensions – See below
- Weight – See below
- Material – Highly corrosion resistant duplex stainless steel
- Fittings – Compression fittings included as standard
- Heating Element – Corrugated heating coil
- Cylinder Diameter – 530mm
- Capacity – Available in sizes up to 300 Litres



Features + Benefits

- Designed exclusively, maintaining the aesthetics and architecture of the current Instinct indirect range of cylinders
- Pipe layout to suit smaller diameter cylinder to enable continuity of branding compared to PRO with wider diameter
- Designed with standard plumbing parts for improved ease of installation, and installer familiarity, ensures easy on site installation
- Specific designed System Ready for retrofit installations
- Straight pipework to assist with insulating and simplicity
- Consistent quality fittings with press fittings



Indirect Pre Plumbed System Ready						
	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter
IDEINSIN120PPSR	B	43 Watts	1.03 kWh/24h	118 Litres	832mm	530mm
IDEINSIN150PPSR	B	52 Watts	1.24 kWh/24h	149 Litres	1012mm	530mm
IDEINSIN170PPSR	B	57 Watts	1.37 kWh/24h	169 Litres	1131mm	530mm
IDEINSIN200PPSR	C	65 Watts	1.56 kWh/24h	198 Litres	1305mm	530mm
IDEINSIN250PPSR	C	79 Watts	1.89 kWh/24h	248 Litres	1603mm	530mm
IDEINSIN300PPSR	C	92 Watts	2.20 kWh/24h	295 Litres	1895mm	530mm

Cylinders

Guarantees

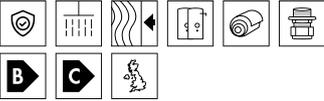
25 Years on Vessel **2** Years on Parts

Ideal Instinct Standard Cylinders

Features + Benefits

- Highly corrosion resistant duplex stainless steel
- Compression fittings included as standard
- Corrugated heating coil
- Available in sizes up to 300 Litres

Finish – Grey
Dimensions – See table below
Weight – See table below

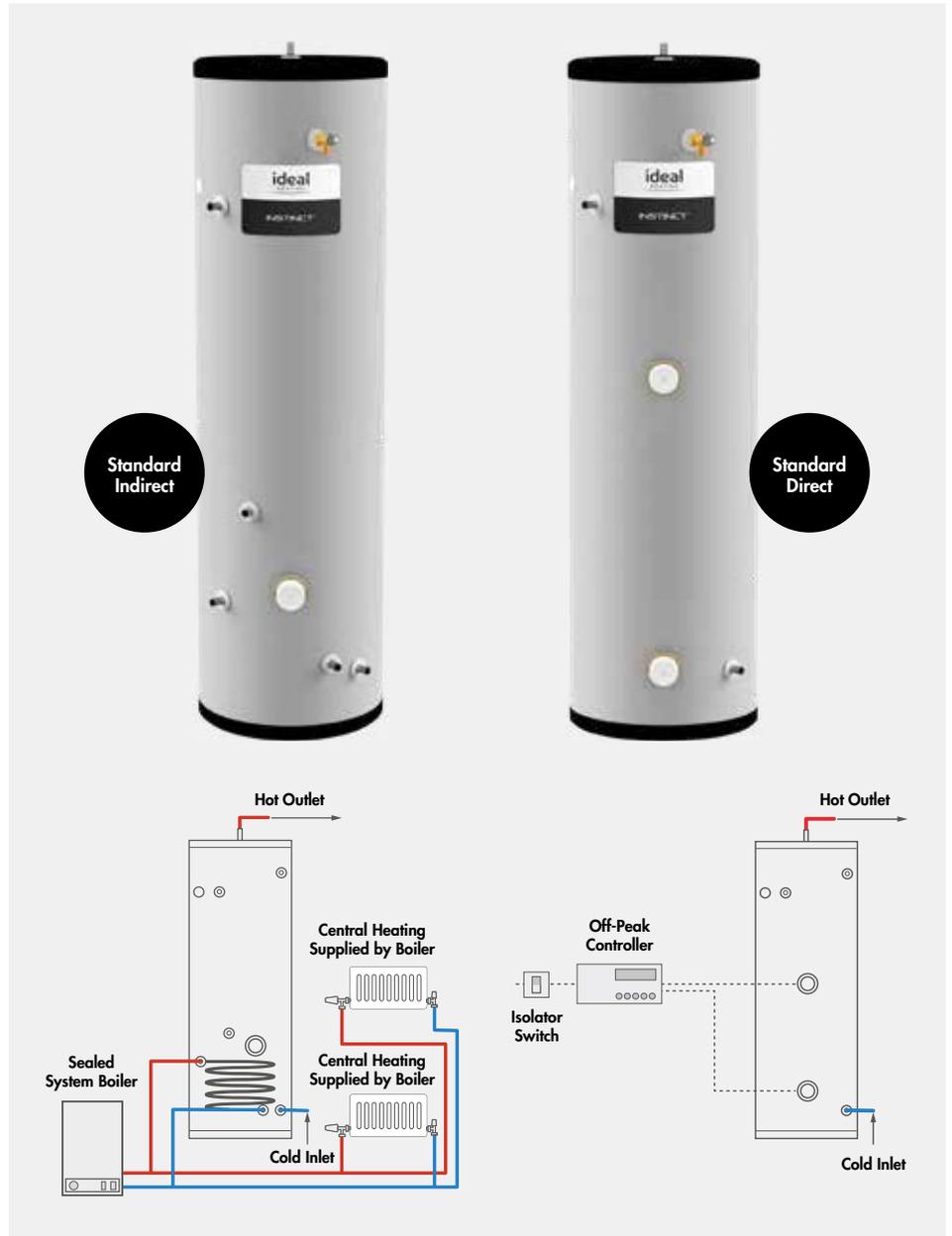


Standard Direct Cylinders

IDEINSDR120	Ideal Instinct Direct 120 Litre Unvented Cylinder
IDEINSDR150	Ideal Instinct Direct 150 Litre Unvented Cylinder
IDEINSDR170	Ideal Instinct Direct 170 Litre Unvented Cylinder
IDEINSDR200	Ideal Instinct Direct 200 Litre Unvented Cylinder
IDEINSDR250	Ideal Instinct Direct 250 Litre Unvented Cylinder
IDEINSDR300	Ideal Instinct Direct 300 Litre Unvented Cylinder

Standard Indirect Cylinders

IDEINSIN120	Ideal Instinct Indirect 120 Litre Unvented Cylinder
IDEINSIN150	Ideal Instinct Indirect 150 Litre Unvented Cylinder
IDEINSIN170	Ideal Instinct Indirect 170 Litre Unvented Cylinder
IDEINSIN200	Ideal Instinct Indirect 200 Litre Unvented Cylinder
IDEINSIN250	Ideal Instinct Indirect 250 Litre Unvented Cylinder
IDEINSIN300	Ideal Instinct Indirect 300 Litre Unvented Cylinder



Standard Direct Cylinders

	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter	Weight
IDEINSDR120	C	43 Watts	1.03 kWh/24h	118 Litres	832mm	530mm	19kg
IDEINSDR150	C	52 Watts	1.24 kWh/24h	149 Litres	1012mm	530mm	22kg
IDEINSDR170	C	57 Watts	1.37 kWh/24h	169 Litres	1131mm	530mm	24.3kg
IDEINSDR200	C	65 Watts	1.56 kWh/24h	198 Litres	1305mm	530mm	27kg
IDEINSDR250	C	79 Watts	1.89 kWh/24h	248 Litres	1603mm	530mm	33.3kg
IDEINSDR300	C	86 Watts	2.06 kWh/24h	287 Litres	1895mm	530mm	41kg

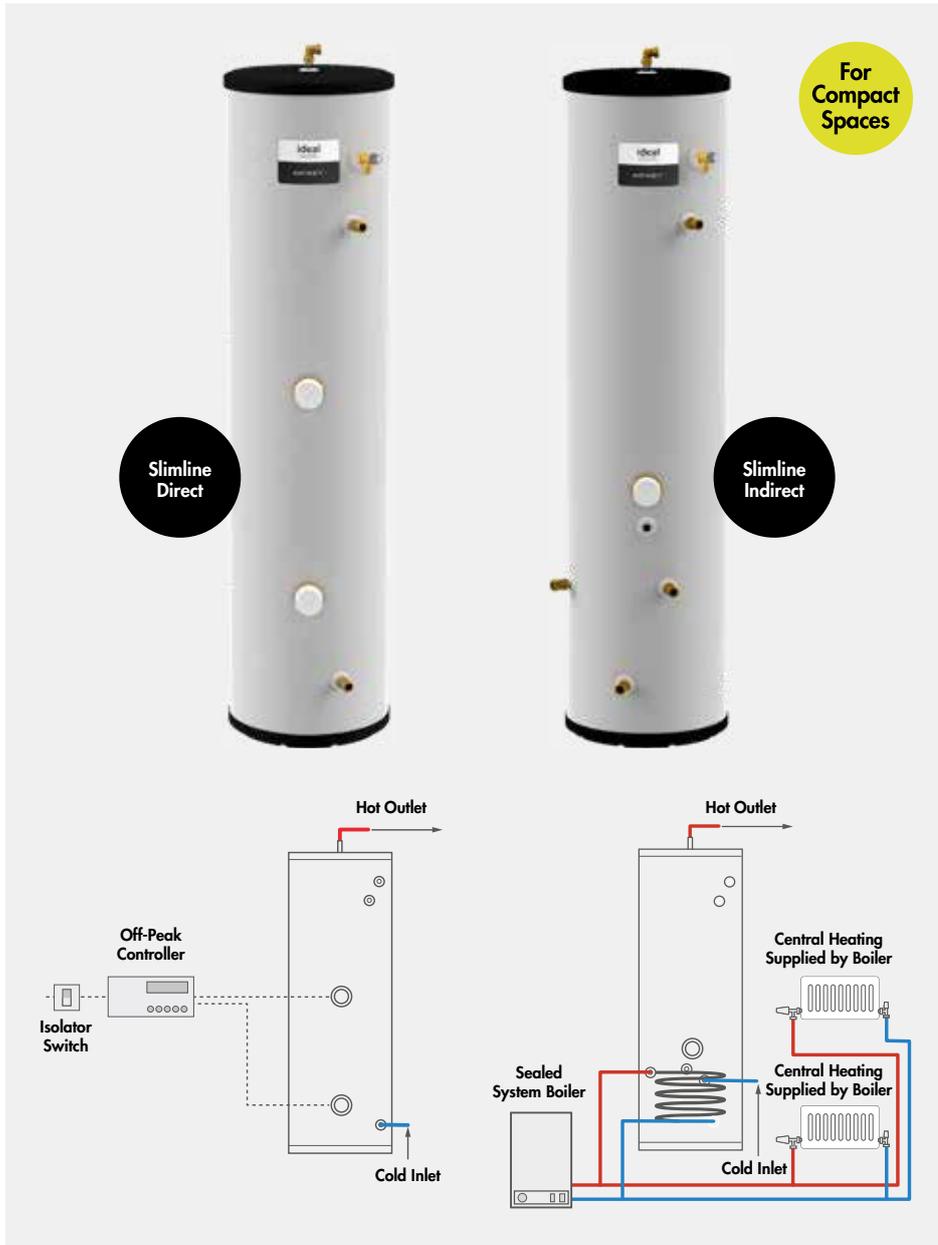
Standard Indirect Cylinders

	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter	Weight
IDEINSIN120	B	43 Watts	1.03 kWh/24h	118 Litres	832mm	530mm	19.5kg
IDEINSIN150	B	52 Watts	1.24 kWh/24h	149 Litres	1012mm	530mm	23.3kg
IDEINSIN170	B	57 Watts	1.37 kWh/24h	169 Litres	1131mm	530mm	26kg
IDEINSIN200	C	65 Watts	1.56 kWh/24h	198 Litres	1305mm	530mm	28.5kg
IDEINSIN250	C	79 Watts	1.89 kWh/24h	248 Litres	1603mm	530mm	35kg
IDEINSIN300	C	92 Watts	2.20 kWh/24h	295 Litres	1895mm	530mm	41kg

Guarantees

25 Years on Vessel **2** Years on Parts

Cylinders



Ideal Instinct Slimline Cylinders

Features + Benefits

Highly corrosion resistant duplex stainless steel

Compression fittings included as standard

Corrugated heating coil

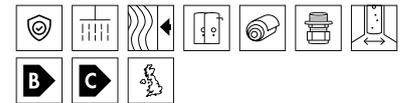
Reduced diameter of 475mm **for smaller properties and space limitations**

Available in sizes up to 210 Litres

Finish – Grey

Dimensions – See table below

Weight – See table below



Slimline Direct Cylinders

IDEINSDR120SL	Ideal Instinct Direct 120 Litre Slimline Unvented Cylinder
IDEINSDR150SL	Ideal Instinct Direct 150 Litre Slimline Unvented Cylinder
IDEINSDR180SL	Ideal Instinct Direct 180 Litre Slimline Unvented Cylinder
IDEINSDR210SL	Ideal Instinct Direct 210 Litre Slimline Unvented Cylinder

Slimline Indirect Cylinders

IDEINSIN120SL	Ideal Instinct Indirect 120 Litre Slimline Unvented Cylinder
IDEINSIN150SL	Ideal Instinct Indirect 150 Litre Slimline Unvented Cylinder
IDEINSIN180SL	Ideal Instinct Indirect 180 Litre Slimline Unvented Cylinder
IDEINSIN210SL	Ideal Instinct Indirect 210 Litre Slimline Unvented Cylinder

Slimline Direct

	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter	Weight
IDEINSDR120SL	C	47 Watts	1.13 kWh/24h	120 Litres	1248mm	475mm	23.2kg
IDEINSDR150SL	C	56 Watts	1.37 kWh/24h	149 Litres	1519mm	475mm	27kg
IDEINSDR180SL	C	67 Watts	1.61 kWh/24h	181 Litres	1791mm	475mm	31kg
IDEINSDR210SL	C	74 Watts	1.77 kWh/24h	197 Litres	1963mm	475mm	34.4kg

Slimline Indirect

	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter	Weight
IDEINSIN120SL	B	47 Watts	1.13 kWh/24h	120 Litres	1248mm	475mm	24kg
IDEINSIN150SL	B	56 Watts	1.37 kWh/24h	149 Litres	1519mm	475mm	28kg
IDEINSIN180SL	C	67 Watts	1.61 kWh/24h	181 Litres	1791mm	475mm	32kg
IDEINSIN210SL	C	74 Watts	1.77 kWh/24h	197 Litres	1963mm	475mm	34.8kg

Guarantees

10 Years
 on Compact Radiators

Radiators

Henrad Compact Radiators

With a slim profile and smooth, white finish, Compact radiators will blend into any room in the house, to provide guaranteed heating performance. Henrad Compact Range has been independently tested to ensure these radiators perform to a maximum working pressure of 10 Bar.

Features + Benefits

Each Henrad radiator is subjected to a multi-stage cleaning and paint process. The final powder coat is Traffic white (RAL 9016) which is stoved and cooled to give a perfect finish

Henrad Compact has 4 x ½" BSP connections as standard, system should be properly flushed and fitted in accordance with the British Code of Practice for the Treatment of Water in Domestic Hot Water Central Heating Systems

Finish – White

Dimensions – See page opposite

SLIM **STEEL** **Tested 10 Bar**

Single Convector Type 11

Single Convector Type 21

Double Convector Type 22



Guarantees

10 Years
on Compact Radiators

Radiators

Compact Radiators		Single Convector Type 11			Single Convector Type 21			Double Convector Type 22		
Height	Length	Henrad Code	Heat Emissions		Henrad Code	Heat Emissions		Henrad Code	Heat Emissions	
			Watts	Btu/hr		Watts	Btu/hr		Watts	Btu/hr
300	500	2031105	255	868	2032105	373	1271	2032205	491	1675
	1000	2031110	509	1737	2032110	745	2542	2032210	982	3351
	1500	2031115	764	2605	2032115	1118	3813	2032215	1473	5026
	1600	-	-	-	-	-	-	2032216	1571	5362
	2000	2031120	1018	3473	2032120	1490	5084	2032220	1964	6701
450	400	2011104	302	1032	2012104	422	1440	2012204	548	1871
	500	2011105	378	1290	2012105	528	1800	2012205	686	2339
	600	2011106	454	1548	2012106	633	2160	2012206	823	2807
	700	2011107	529	1806	2012107	739	2520	2012207	960	3274
	800	2011108	605	2064	2012108	844	2880	2012208	1097	3742
	900	2011109	680	2322	2012109	950	3240	2012209	1234	4210
	1000	2011110	756	2579	2012110	1055	3600	2012210	1371	4678
	1100	2011111	832	2837	2012111	1161	3960	2012211	1508	5146
	1200	2011112	907	3095	2012112	1266	4320	2012212	1645	5613
	1400	2011114	1058	3611	2012114	1477	5040	2012214	1919	6549
	1600	2011116	1210	4127	2012116	1688	5759	2012216	2194	7485
	1800	2011118	1361	4643	2012118	1899	6479	2012218	2468	8420
	2000	2011120	1512	5159	2012120	2110	7199	2012220	2742	9356
	2200	2011122	1663	5675	-	-	-	2012222	3016	10291
	2400	2011124	1814	6191	-	-	-	2012224	3290	11227
600	300	2061103	294	1003	-	-	-	-	-	-
	400	2061104	392	1338	2062104	538	1836	2062204	693	2364
	500	2061105	490	1672	2062105	673	2295	2062205	866	2955
	600	2061106	588	2006	2062106	807	2753	2062206	1039	3546
	700	2061107	686	2341	2062107	942	3212	2062207	1212	4137
	800	2061108	784	2675	2062108	1076	3671	2062208	1386	4728
	900	2061109	882	3009	2062109	1211	4130	2062209	1559	5319
	1000	2061110	980	3344	2062110	1345	4589	2062210	1732	5910
	1100	2061111	1078	3678	2062111	1480	5048	2062211	1905	6501
	1200	2061112	1176	4013	2062112	1614	5507	2062212	2078	7092
	1400	2061114	1372	4681	2062114	1883	6425	2062214	2425	8273
	1600	2061116	1568	5350	2062116	2152	7343	2062216	2771	9455
	1800	2061118	1764	6019	2062118	2421	8260	2062218	3118	10637
	2000	2061120	1960	6688	2062120	2690	9178	2062220	3464	11819
	2200	2061122	2156	7356	-	-	-	2062222	3810	13001
2400	2061124	2352	8025	-	-	-	2062224	4157	14183	
700	400	2071104	447	1527	2072104	612	2088	2072204	784	2676
	500	2071105	559	1906	2072105	765	2610	2072205	981	3345
	600	2071106	670	2287	2072106	918	3132	2072206	1177	4015
	700	2071107	782	2668	2072107	1071	3654	2072207	1373	4684
	800	2071108	894	3049	2072108	1224	4176	2072208	1569	5353
	900	2071109	1005	3430	2072109	1377	4698	2072209	1765	6022
	1000	2071110	1117	3811	2072110	1530	5220	2072210	1961	6691
	1100	2071111	1229	4192	2072111	1683	5742	2072211	2157	7360
	1200	2071112	1340	4573	2072112	1836	6264	2072212	2353	8029
	1400	2071114	1564	5336	2072114	2142	7309	2072214	2745	9367
	1600	2071116	1787	6098	2072116	2448	8353	2072216	3138	10705
	1800	2071118	2011	6860	2072118	2754	9397	2072218	3530	12044
	2000	2071120	2234	7622	2072120	3060	10441	2072220	3922	13382

Btu/hr @ Δt50°C

Radiators

Henrad Compact Radiators

Compact Radiators		Single Convector Type 11			Double Convector Type 22		
Height	Length	Henrad Code	Heat Emissions		Henrad Code	Heat Emissions	
			Watts	Btu/hr		Watts	Btu/hr
900	400	2091104	544	1856	2092204	958	3269
	500	2091105	680	2320	2092205	1198	4088
	600	2091106	816	2784	2092206	1437	4903
	700	2091107	952	3248	2092207	1677	5722
	800	2091108	1088	3712	2092208	1916	6537
	900	2091109	1224	4176	2092209	2156	7356
	1000	2091110	1360	4640	2092210	2395	8172
1800	400	-	-	-	2182204	1584	5405
	500	-	-	-	2182205	1980	6756
	600	-	-	-	2182206	2376	8107



Double Convector Type 22



new

Single Convector Type 11

HENRAD
Stelrad Group plc



Column Horizontal
RAL 6033 Mint Turquoise

**OPEN UP
A WORLD OF
COLOUR**

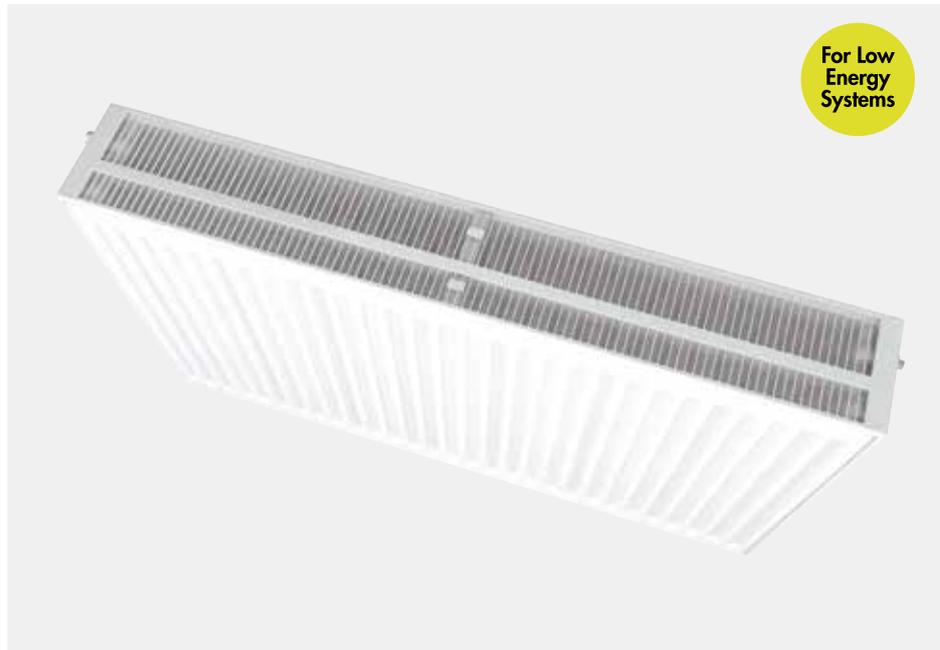
Henrad Column or Verona ranges now available in 55 RAL colours and finishes.



Guarantees

10 Years
on Compact K3 Radiators

Radiators



Henrad Compact K3 Radiators

Features + Benefits

The ideal choice for low energy systems, providing outstanding heat output from a smaller footprint

Henrad Compact K3 has 4 x 1/2" BSP connections as standard

Safety tested to withstand 10 Bar

Finish – Traffic white (RAL9016)

Dimensions – See below

STEEL Tested 10 Bar

Compact K3 Radiators

Height	Length	Henrad Code	Heat Emissions	
			Watts	Btu/hr
300	1000	2033310	1349	4603
	2000	2033320	2698	9206
	600	2053306	1234	4210
	700	2053307	1439	4910
	800	2053308	1645	5613
	900	2053309	1850	6312
500	1000	2053310	2056	7015
	1100	2053311	2262	7718
	1200	2053312	2467	8417
	1400	2053314	2878	9820
	1600	2053316	3290	11225
	1800	2053318	3701	12628
600	2000	2053320	4112	14030
	2400	2053324	4934	16835
	400	2063304	956	3262
	500	2063305	1195	4077
	600	2063306	1433	4889
	700	2063307	1672	5705
700	800	2063308	1911	6520
	900	2063309	2150	7336
	1000	2063310	2389	8151
	1100	2063311	2628	8967
	1200	2063312	2867	9782
	1400	2063314	3345	11413
700	1600	2063316	3822	13041
	1800	2063318	4300	14672
	2000	2063320	4778	16303
	2400	2063324	5734	19564
	500	2073305	1356	4627
	600	2073306	1627	5551
700	700	2073307	1898	6476
	800	2073308	2170	7404
	900	2073309	2441	8329
	1000	2073310	2712	9253
	1100	2073311	2983	10178
	1200	2073312	3254	11103
700	1400	2073314	3797	12955
	1600	2073316	4339	14805
	1800	2073318	4882	16657
	2000	2073320	5424	18507

Btu/hr @ Δt50°C

Radiators

Guarantees

10 Years
on Espada Aluminium Radiators

Espada Aluminium Vertical Radiators

Aluminium

Aluminium provides a quick heat up time, allowing for greater efficiency with low water content

1800 x
520mm
White

Aluminium

1800 x
520mm
Anthracite

Single Vertical Panel

Finish – White or Anthracite

Material – Aluminium

All heat outputs are shown at 50°C Δt in compliance with BSEN442.

AL H

White Finish

	Height	Width	Depth	End to End Connections	Watts	Btu/hr
ESAL-V1800218WH	1800	218	66	220	642	2190
ESAL-V1800366WH	1800	366	66	370	1070	3651
ESAL-V1800514WH	1800	514	66	520	1499	5113
ESAL-V1800662WH	1800	662	66	670	1927	6574

Anthracite Finish

	Height	Width	Depth	End to End Connections	Watts	Btu/hr
ESAL-V1800218AT	1800	218	66	220	642	2190
ESAL-V1800366AT	1800	366	66	370	1070	3651
ESAL-V1800514AT	1800	514	66	520	1499	5113
ESAL-V1800662AT	1800	662	66	670	1927	6574

Double Vertical Panel

Finish – White or Anthracite

Material – Aluminium

All heat outputs are shown at 50°C Δt in compliance with BSEN442.

AL H

White Finish

	Height	Width	Depth	End to End Connections	Watts	Btu/hr
ESAL-VDP1800218WH	1800	218	91.5	220	1109	3783
ESAL-VDP1800366WH	1800	366	91.5	370	1849	6308
ESAL-VDP1800514WH	1800	514	91.5	520	2589	8833
ESAL-VDP1800662WH	1800	662	91.5	670	3329	11358

Anthracite Finish

	Height	Width	Depth	End to End Connections	Watts	Btu/hr
ESAL-VDP1800218AT	1800	218	91.5	220	1109	3783
ESAL-VDP1800366AT	1800	366	91.5	370	1849	6308
ESAL-VDP1800514AT	1800	514	91.5	520	2589	8833
ESAL-VDP1800662AT	1800	662	91.5	670	3329	11358

Guarantees

10 Years
on Espada Aluminium Radiators

Radiators

Espada Aluminium Horizontal Radiators



Single Horizontal Panel

Finish – White or Anthracite
Material – Aluminium
All heat outputs are shown at 50°C Δt in compliance with BSEN442.

AL **H**

White Finish						
	Height	Width	Depth	Pipe Centres	Watts	Btu/hr
ESAL-H0440900WH	440	900	75	870	680	2319
ESAL-H04401200WH	440	1200	75	1150	881	3006
ESAL-H0588900WH	588	900	75	870	906	3092
ESAL-H05881200WH	588	1200	75	1150	1175	4009

Anthracite Finish						
	Height	Width	Depth	Pipe Centres	Watts	Btu/hr
ESAL-H0440900AT	440	900	75	870	680	2319
ESAL-H04401200AT	440	1200	75	1150	881	3006
ESAL-H0588900AT	588	900	75	870	906	3092
ESAL-H05881200AT	588	1200	75	1150	1175	4009

Double Horizontal Panel

Finish – White or Anthracite
Material – Aluminium
All heat outputs are shown at 50°C Δt in compliance with BSEN442.

AL **H**

White Finish						
	Height	Width	Depth	Pipe Centres	Watts	Btu/hr
ESAL-HDP0440900WH	440	900	122	870	1161	3960
ESAL-HDP04401200WH	440	1200	122	1150	1513	5163
ESAL-HDP0588900WH	588	900	122	870	1548	5281
ESAL-HDP05881200WH	588	1200	122	1150	2018	6886

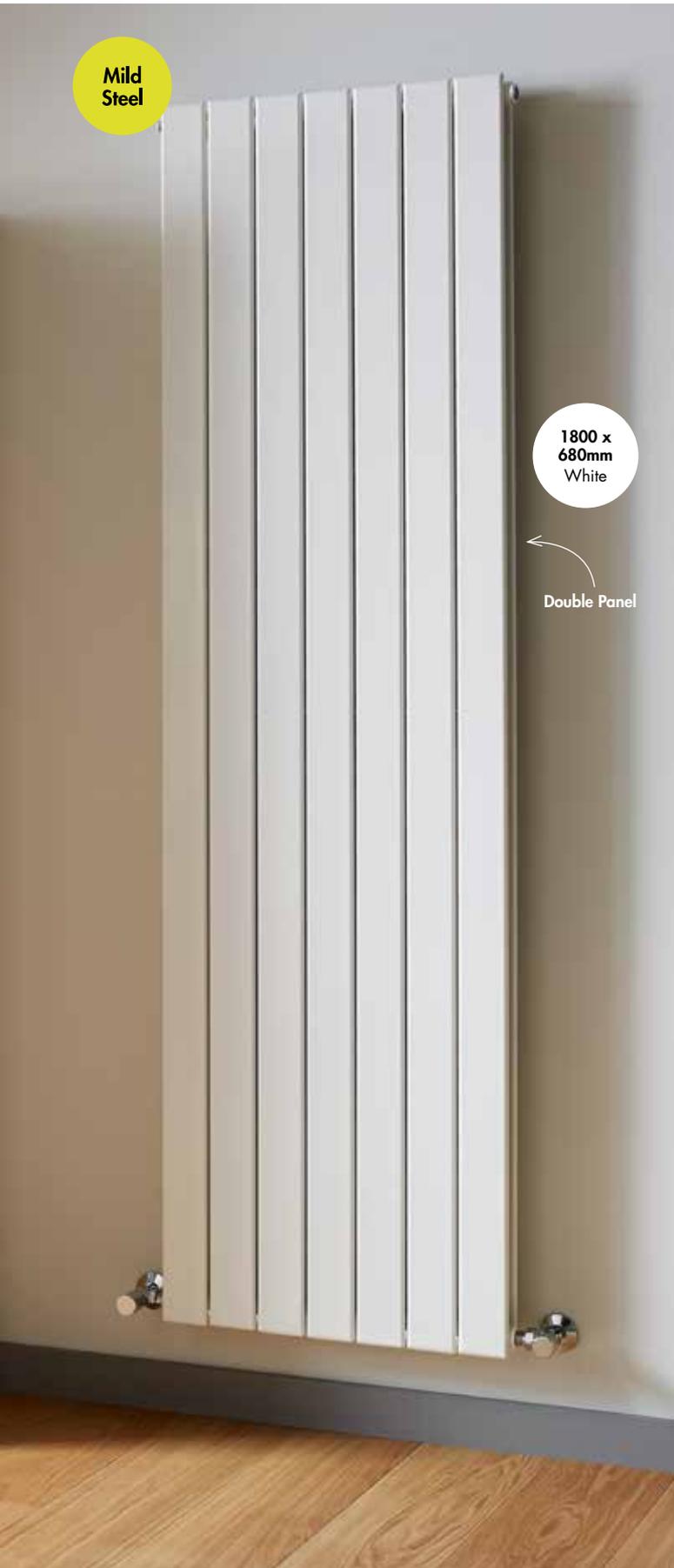
Anthracite Finish						
	Height	Width	Depth	Pipe Centres	Watts	Btu/hr
ESAL-HDP0440900AT	440	900	122	870	1161	3960
ESAL-HDP04401200AT	440	1200	122	1150	1513	5163
ESAL-HDP0588900AT	588	900	122	870	1548	5281
ESAL-HDP05881200AT	588	1200	122	1150	2018	6886

Radiators

Guarantees

15 Years
on Espada Radiators

Espada Vertical Radiators

**Single Panel**

Finish – White or Anthracite

Material – Mild Steel

All heat outputs are shown at 50°C Δt in compliance with BSEN442.

MS **H****White Finish**

	Height	Width	Depth	Watts	Btu/hr
ES-V180228WH	1800	224	71	402	1372
ES-V180376WH	1800	376	71	670	2286
ES-V180524WH	1800	528	71	938	3200
ES-V180672WH	1800	680	71	1206	4115

Anthracite Finish

	Height	Width	Depth	Watts	Btu/hr
ES-V180228AT	1800	224	71	402	1372
ES-V180376AT	1800	376	71	670	2286
ES-V180524AT	1800	528	71	938	3200
ES-V180672AT	1800	680	71	1206	4115

Double Panel

Finish – White or Anthracite

Material – Mild Steel

All heat outputs are shown at 50°C Δt in compliance with BSEN442.

MS **H****White Finish**

	Height	Width	Depth	Watts	Btu/hr
ES-VDP180228WH	1800	224	71	627	2139
ES-VDP180376WH	1800	376	71	1045	3566
ES-VDP180524WH	1800	528	71	1463	4992
ES-VDP180672WH	1800	680	71	1881	6418

Anthracite Finish

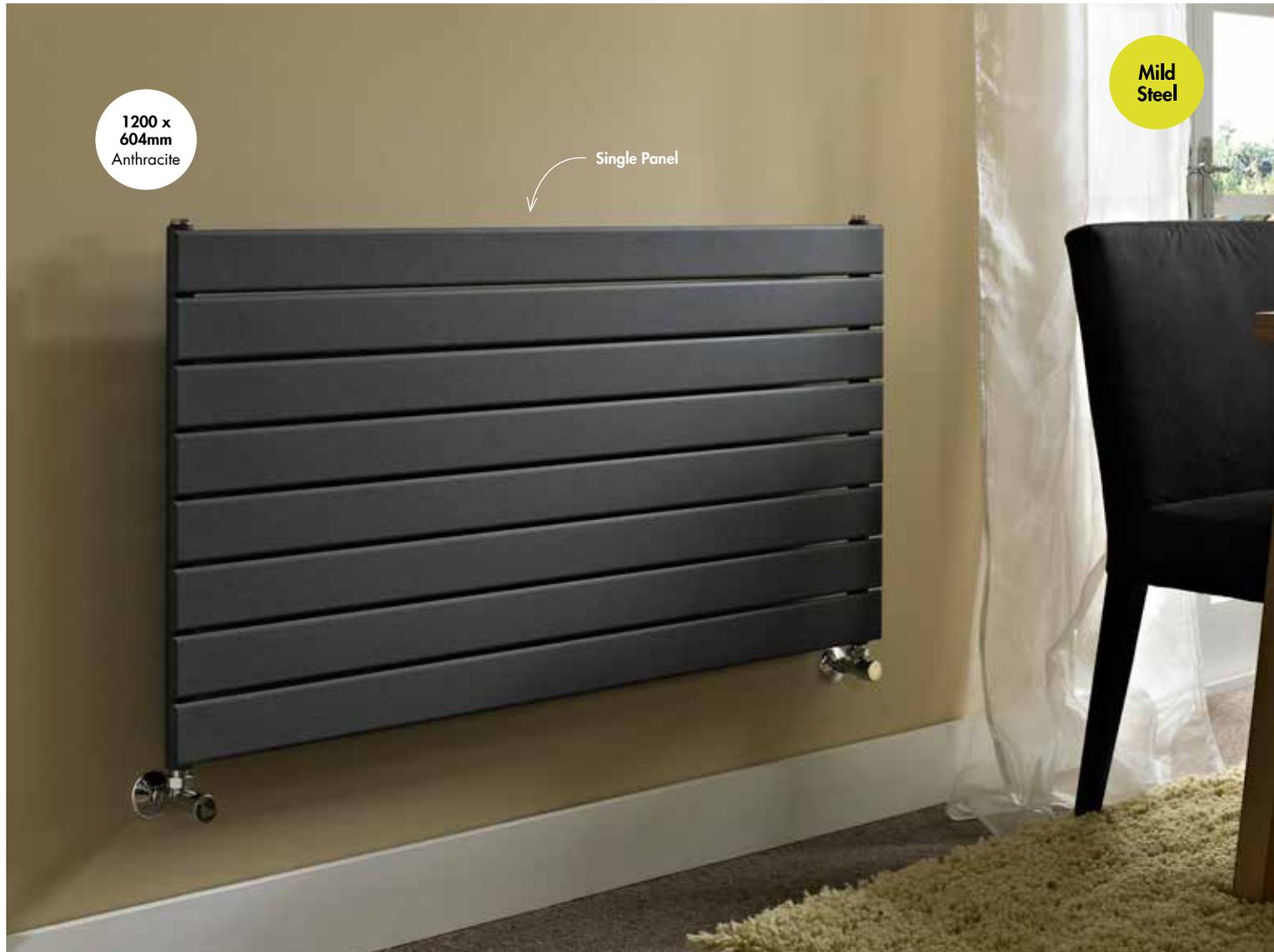
	Height	Width	Depth	Watts	Btu/hr
ES-VDP180228AT	1800	224	71	627	2139
ES-VDP180376AT	1800	376	71	1045	3566
ES-VDP180524AT	1800	528	71	1463	4992
ES-VDP180672AT	1800	680	71	1881	6418

Guarantees

15 Years
on Espada Radiators

Radiators

Espada Horizontal Radiators



Single Panel

Finish – White or Anthracite

Material – Mild Steel

All heat outputs are shown at 50°C Δt in compliance with BSEN442.

MS **H**

White Finish					
	Height	Width	Depth	Watts	Btu/hr
ES-H0450090WH	452	900	63	420	1433
ES-H0450120WH	452	1200	63	552	1883
ES-H0598090WH	604	900	63	560	1911
ES-H0598120WH	604	1200	63	736	2511

Anthracite Finish					
	Height	Width	Depth	Watts	Btu/hr
ES-H0450090AT	452	900	63	420	1433
ES-H0450120AT	452	1200	63	552	1883
ES-H0598090AT	604	900	63	560	1911
ES-H0598120AT	604	1200	63	736	2511

Double Panel

Finish – White or Anthracite

Material – Mild Steel

All heat outputs are shown at 50°C Δt in compliance with BSEN442.

MS **H**

White Finish					
	Height	Width	Depth	Watts	Btu/hr
ES-HDP0450090WH	452	900	112	654	2231
ES-HDP0450120WH	452	1200	112	858	2927
ES-HDP0598090WH	604	900	112	872	2975
ES-HDP0598120WH	604	1200	112	1144	3903

Anthracite Finish					
	Height	Width	Depth	Watts	Btu/hr
ES-HDP0450090AT	452	900	112	654	2231
ES-HDP0450120AT	452	1200	112	858	2927
ES-HDP0598090AT	604	900	112	872	2975
ES-HDP0598120AT	604	1200	112	1144	3903

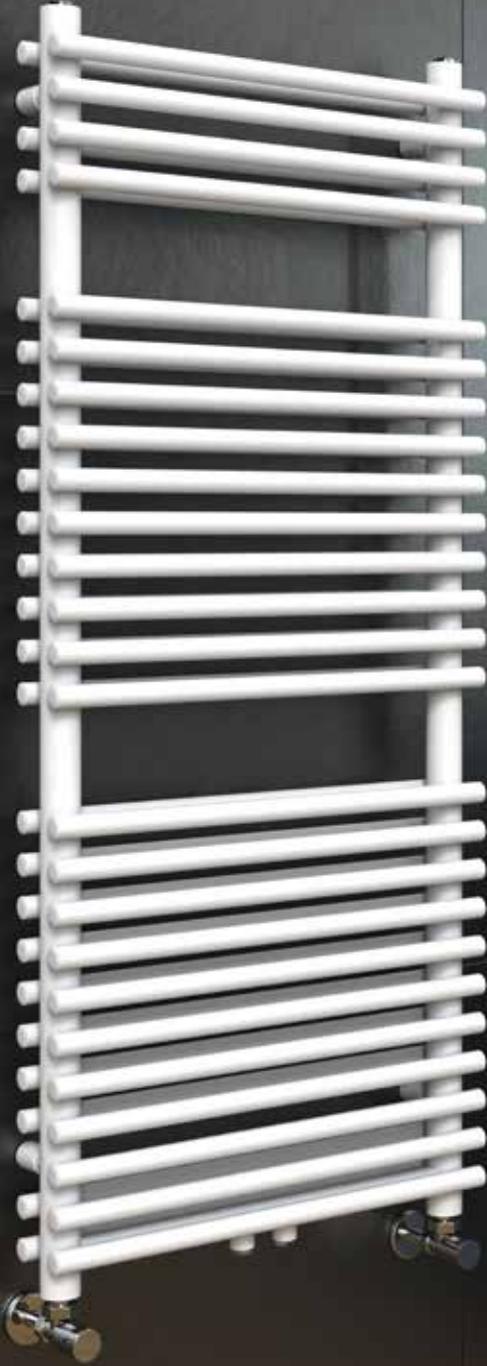
Guarantees

15 Years
on Tulla Towel Rails

Towel Rails

new

Mild Steel



1200 x 500mm
White



1800 x 500mm

Tulla Towel Rails

Finish – White

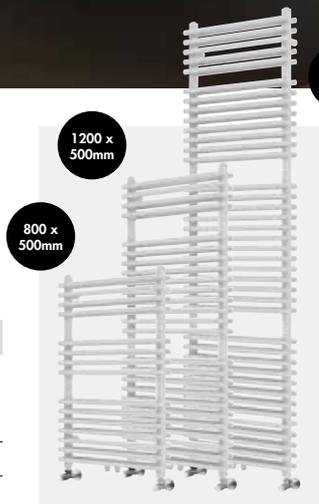
Material – Mild Steel

All heat outputs are shown at 50°C ΔT in compliance with BSEN442. Watts and Btu's apply to Heating and Dual Fuel only.

MS **H** **DF** **E**

White Finish

	Height	Width	Depth	Bars	Pipe Centres	Watts	Btu/hr
TULLA800500WH	800	500	104	4-4-7	450-50	563	1920
TULLA1200500WH	1200	500	104	4-10-11	450-50	945	3224
TULLA1800500WH	1800	500	104	5-8-13-13	450-50	1484	5064



800 x 500mm

1200 x 500mm

Don't forget your Heating System Chemicals

Instinct Pro Central Heating System Chemicals will actively contribute to a healthy heating system.



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Guarantees

15 Years on 22mm Towel Rails

Towel Rails



22mm Straight Towel Rails

Material – Mild Steel

All heat outputs are shown at 50°C Δt in compliance with BSEN442

MS **H** **DF** **E**

Chrome Finish						
	Height	Width	Depth	Watts	Btu/hr	Electric Element
PHGT060-40CP	600	405	90-105	172	587	100
PHGT060-50CP	600	505	90-105	208	710	125
PHGT060-60CP	600	605	90-105	245	836	125
PHGT080-30CP	800	300	83-105	168	572	100
PHGT080-40CP	800	405	90-105	209	713	100
PHGT080-50CP	800	505	90-105	252	860	125
PHGT080-60CP	800	605	90-105	295	1007	150
PHGT080-75CP	800	755	90-105	359	1225	200
PHGT100-30CP	1000	305	90-105	211	720	150
PHGT100-40CP	1000	405	90-105	266	907	150
PHGT100-50CP	1000	505	90-105	321	1096	200
PHGT100-60CP	1000	605	90-105	378	1288	200
PHGT120-30CP	1200	300	83-105	245	837	200
PHGT120-40CP	1200	405	90-105	323	1102	200
PHGT120-50CP	1200	505	90-105	391	1335	200
PHGT120-60CP	1200	605	90-105	460	1567	300
PHGT120-75CP	1200	750	83-105	498	1701	300
PHGT140-50CP	1400	505	90-105	444	1516	300
PHGT140-60CP	1400	605	90-105	521	1775	300
PHGT160-40CP	1600	405	90-105	433	1475	300
PHGT160-50CP	1600	505	90-105	522	1780	300
PHGT160-60CP	1600	605	90-105	613	2091	400
PHGT180-40CP	1800	405	90-105	474	1617	400
PHGT180-50CP	1800	505	90-105	571	1949	400
PHGT180-60CP	1800	605	90-105	671	2287	400
PHGT180-75CP	1800	755	90-105	836	2852	400



Matt Black Finish						
	Height	Width	Depth	Watts	Btu/hr	Electric Element
PHGT080-50ZMB	800	505	90-105	252	860	125
PHGT080-60ZMB	800	600	83-105	414	1413	150
PHGT120-50ZMB	1200	505	90-105	391	1335	200
PHGT120-60ZMB	1200	600	83-105	600	2047	300
PHGT160-50ZMB	1600	500	83-105	680	2320	300
PHGT160-60ZMB	1600	605	83-105	613	2091	400