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## Plumbing + Heating Collection 2023/24



**Great Value**

**Thermostatic Radiator Valves (TRVs)**  
Page 38



**Eco Friendly**

**Heating System Chemicals**  
Page 26



**Easy To Install**

**Ideal Instinct² Combi Boilers**  
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**Multiple Sizes**

**Compact Radiators**  
Page 16

**Best Seller**



**Thermostatic Mixing Valves (TMVs)**  
Page 37



**Core Drills**  
Page 43

# For a healthy and efficient heating system

**15mm Electrolytic Scale Inhibitor**

Easily installed, slip couplings for easy fit

INSTINCT® | PRO  
in partnership with Scalemaster®  
Electrolytic Scale Inhibitor  
Serial No - 839047

INSTINCT® | PRO  
in partnership with Scalemaster®  
Electrolytic Scale Inhibitor  
Serial No - 839310

**22mm Electrolytic Scale Inhibitor**

Needs no chemicals or power, earth bonding not required

**15mm Magnetic Scale Inhibitor**

No moving parts, no maintenance required

INSTINCT® | PRO  
in partnership with Scalemaster®  
Magnetic Scale Inhibitor  
Serial No - 124287

INSTINCT® | PRO  
in partnership with Scalemaster®  
Magnetic Scale Inhibitor  
Serial No - 125006

**22mm Magnetic Scale Inhibitor**

Active element (magnet or zinc anode) encased in pure copper mesh

**Electrolytic Scale Inhibitors + Magnetic Scale Inhibitors**  
Page 23

**Cost Saving Filter**

INSTINCT® | PRO  
O-MAG  
PERMANENT SOLUTION

Can be used on all types of central heating systems

**22mm + 28mm Magnetic Filter (Isolation Valves)**  
Page 32

INSTINCT® | PRO  
in partnership with Scalemaster®  
Rapid Inhibitor Test

Immediate confirmation of inhibitor status

**Rapid Inhibitor Test Strips**  
Page 28

**Best Seller**

INSTINCT® | PRO  
in partnership with Scalemaster®  
IN-100 Concentrate  
Corrosion Inhibitor

**IN-100 Concentrate Corrosion Inhibitor**  
Page 26

**Smaller Bottle**

INSTINCT® | PRO  
in partnership with Scalemaster®  
IN-300 Concentrate  
System Cleaner

**IN-300 Concentrate System Cleaner**  
Page 26

**Treats 10 Rad System**

INSTINCT® | PRO  
in partnership with Scalemaster®  
IN-500 Concentrate  
Leak Sealer

**IN-500 Concentrate Leak Sealer**  
Page 26

# Contents

# We've got you covered

Welcome to the Instinct Pro Plumbing and Heating Collection 2023/24. A comprehensive quality range of plumbing and heating products designed with the Installer and Heating Engineer in mind.

## Designed for performance, quality and reliability

The Instinct Pro heating collection provides a selection of boilers, cylinders and peripheral components including radiators and towel rails in a choice of sizes and finishes to suit your space.

Within the Instinct Pro plumbing range you will find heating system chemicals, scale inhibitors, magnetic filters as well as plumbing tools and core drill sets.

At Instinct Pro we believe in quality manufacturing and pride ourselves on providing a wide range of plumbing and heating solutions designed and manufactured in the UK.

**If you are looking for a cost effective plumbing + heating solution for a range of domestic installations, our product portfolio can provide the answer for you.**

## Heating

5

## Water Treatment

22

## Controls

36

## Consumables

42

# Instinct Hot Water Cylinders

## Work hand in hand with your boiler

Combining quality, durability and efficiency, the Instinct hot water cylinder range has been designed to work in harmony with your boiler for fantastic results.

Available in sizes of up to 300 litres, Instinct's hot water cylinders can help keep your home wrapped in comfort all year long – whatever your central heating needs. We have six models in the range, all with a 2 year parts and labour warranty.

25 year vessel warranty

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

Available in sizes up to 300 litres

Corrugated heating coil

Manufactured from duplex stainless steel

Manufactured in the UK

Instinct's hot water cylinders work 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 – a high quality addition to your central heating system.**





# Heating

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## Our frequently ordered Heating products...



**Boiler Plus Compliant**



























**Ideal Instinct<sup>2</sup> Boilers**  
Page 6



**Ideal Heating Cylinders**  
Page 12

### 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	 NOx Class 6	 Boiler Plus Compliant
 Wired – No Batteries	 IP20 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				



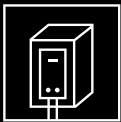
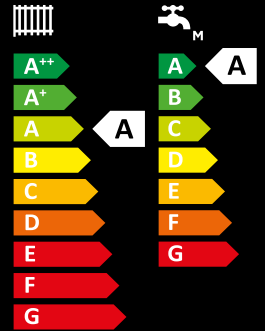
**Multiple Sizes**

**Henrad Compact Radiators**  
Page 14

ideal  
HEATING

# INSTINCT<sup>2</sup>

## 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 Instinct<sup>2</sup> Combi Boilers

### Ideal Instinct<sup>2</sup> Combi Boiler

The Instinct<sup>2</sup> 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 Instinct<sup>2</sup> provides reliable control of the homes heating and hot water performance.

Finish – White

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

Installation – Quick and easy to install

Compact Design – Compact cupboard fit

Maintenance – Easy access to all components

Parts – Tried and tested technology (inc. Grundfos pump)

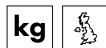
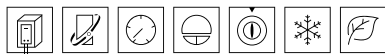
Flue – Fast Fix flue turret connections

Compatibility – Ideal OpenTherm wired room thermostat available for Boiler Plus compliance

Valve – Pump/diverter valve exercise & anti-cycling functions

Preheat Function – Fast hot water response through DHW preheat

Servicing – Fully supported by Ideal Service Division



<b>220481</b>	Ideal Instinct <sup>2</sup> 24 Combi Boiler
<b>220482</b>	Ideal Instinct <sup>2</sup> 30 Combi Boiler
<b>220483</b>	Ideal Instinct <sup>2</sup> 35 Combi Boiler

Specification	Instinct <sup>2</sup> 24	Instinct <sup>2</sup> 30	Instinct <sup>2</sup> 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 (ηs) %	94	94	94
Sound power level, indoors (LWA dB)	46	46	41



# Boilers

## Guarantees

**2** Years  
on Ideal Thermostat

### Ideal OpenTherm Wired Room Thermostat

Specifically designed to work with the Instinct<sup>2</sup> by providing temperature control and Boiler Plus compliance in one simple device.

#### Boiler Plus

Boiler Plus is a set of standards implemented in England in April 2018. The boiler should have an ERP efficiency of at least 92%, and time and temperature controls should be installed. For replacement combi boilers an additional energy efficiency measure is needed, such as enhanced load compensation.

The Instinct<sup>2</sup> boiler has over 92% efficiency and built in time control with the mechanical timer. The Ideal OpenTherm Wired Room Thermostat provides temperature control and Enhanced Load Compensation. The perfect combination to comply with Boiler Plus.

Finish – White

Dimensions – 96(h) x 95(w) x 35(d) mm

Installation – Easy Install

Styling – Slim, modern design with simple dial and button design

Display – Backlit colour screen with large text and icons

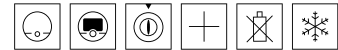
Functionality – Easy temperature control

Compatibility – Compliments the mechanical timer

Accreditation – Boiler Plus compliant

Power Source – Wired power (no batteries) using the OpenTherm connection

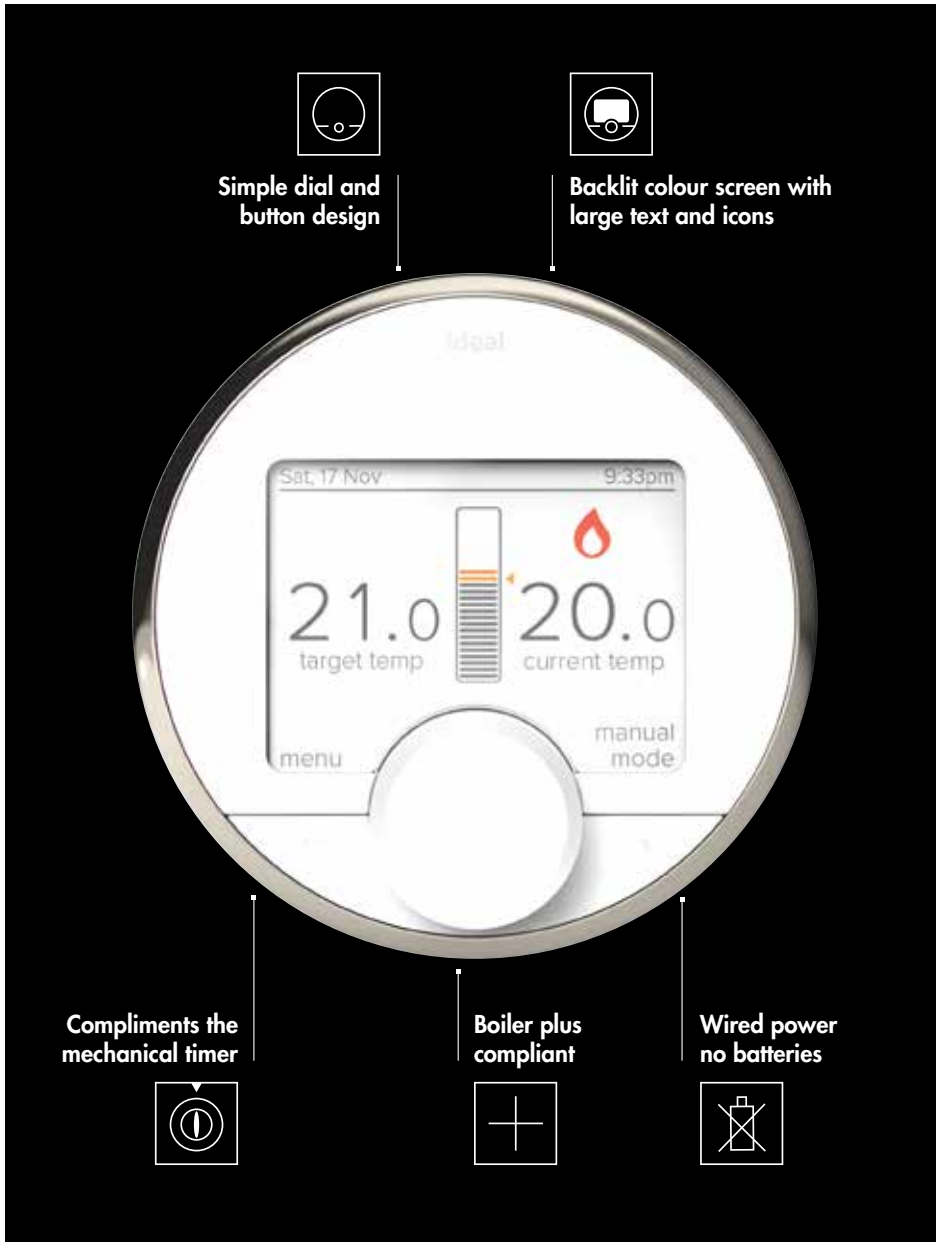
Fixing – Trim plate included



**221527** Ideal OpenTherm Wired Room Thermostat

#### Specification

Unit weight	0.096kg
Power source	OpenTherm (low voltage)
Communication protocol	OpenTherm
Install location	Wall mounted
Voltage	18 – 21V dc
Wire type	0.5-1.0mm diameter, multi-strand should be tinned
Boiler compatibility	Instinct <sup>2</sup>
ERP Class	V
WEEE	9



## Flue + Accessories

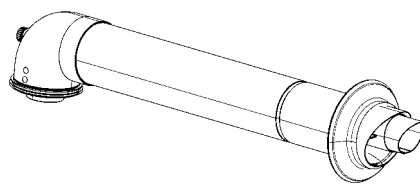


### Instinct<sup>2</sup> Weather Compensation Kit

Finish – White

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

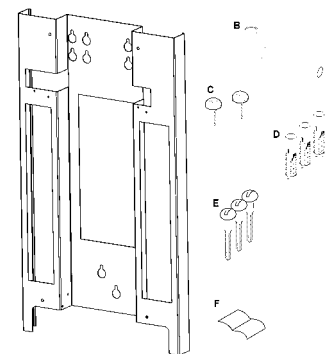
**216119**



### Horizontal Flue Terminal for Instinct<sup>2</sup> Combi

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

**208173**



### Instinct<sup>2</sup> Stand Off Kit

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

**207668**

**Guarantees**

**2** Years on Condensate Pump

# Condensate Pump

**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 (55°C max, 80°C short peaks 10 minutes). Normally closed alarm contact that automatically cuts off the air conditioning system compressor or a solenoid valve.

Finish – White

Dimensions – 129(h) x 146(w) x 287(l) mm

Installation – 4 fixing slot holes that allow the pump to be attached either on a wall or hanging from a ceiling (on M8 or smaller screw thread size)

No. of Inlets – 4 inlets Ø30mm

Accessibility – Quarter turn easily removable check valve, for PVC tubing 10 mm (3/8”) or 6 mm (1/4”)

Sound (in application at 1m) – Low level, quiet operation ≤ 45 dBA

Maintenance – Easily removable tank and reversible pump

Float – Oil and acid resistant

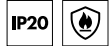
Stability – Reinforced mechanical structure improving shocks resistance

Pump – High discharge head

Flow Rate – High flow rate for shorter running time

Thermal Protection – 120°C (auto reset)

Max discharge head – 5.4m (65 l/h)



SI83CE05IN23

Condensate Removal Pump



Kit Contents
Integrated tank pump of 2.0 Litres
Integrated barb end check valve, Ø ext. 10mm
Power cable – 2.0m European plug (L,N,G)
Alarm wires – 1.0m
PVC Tubing – 6m long, 10 mm diameter
ACC02040 Ø 1”-1¼” – 1½” (24-32-40m) adapter
2 screws + plug
Power cable – 1.8m

INSTINCT® | PRO

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Instinct Products

PHG Buying Ltd

**new**

# 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 price



High corrosion resistant duplex stainless steel



Mains pressure hot water



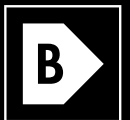
Manufactured in the UK



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

## What are we doing?

We are pleased to announce the launch of the new Instinct Pre Plumbed System Ready range for cylinders. Available in sizes 120, 150, 170, 200, 250 + 300 Litres.

## Why are we doing this?

Competitors have developed pre-plumbed ranges that can compete in the lower end of the market therefore a System Ready cylinder based on the ES under Instinct brand to compete in this market was developed with a pipework layout to differentiate it from the current PRO PPSR.

## Features + Benefits

Designed exclusively, maintaining the aesthetics and architecture of the current Instinct indirect range of cylinders

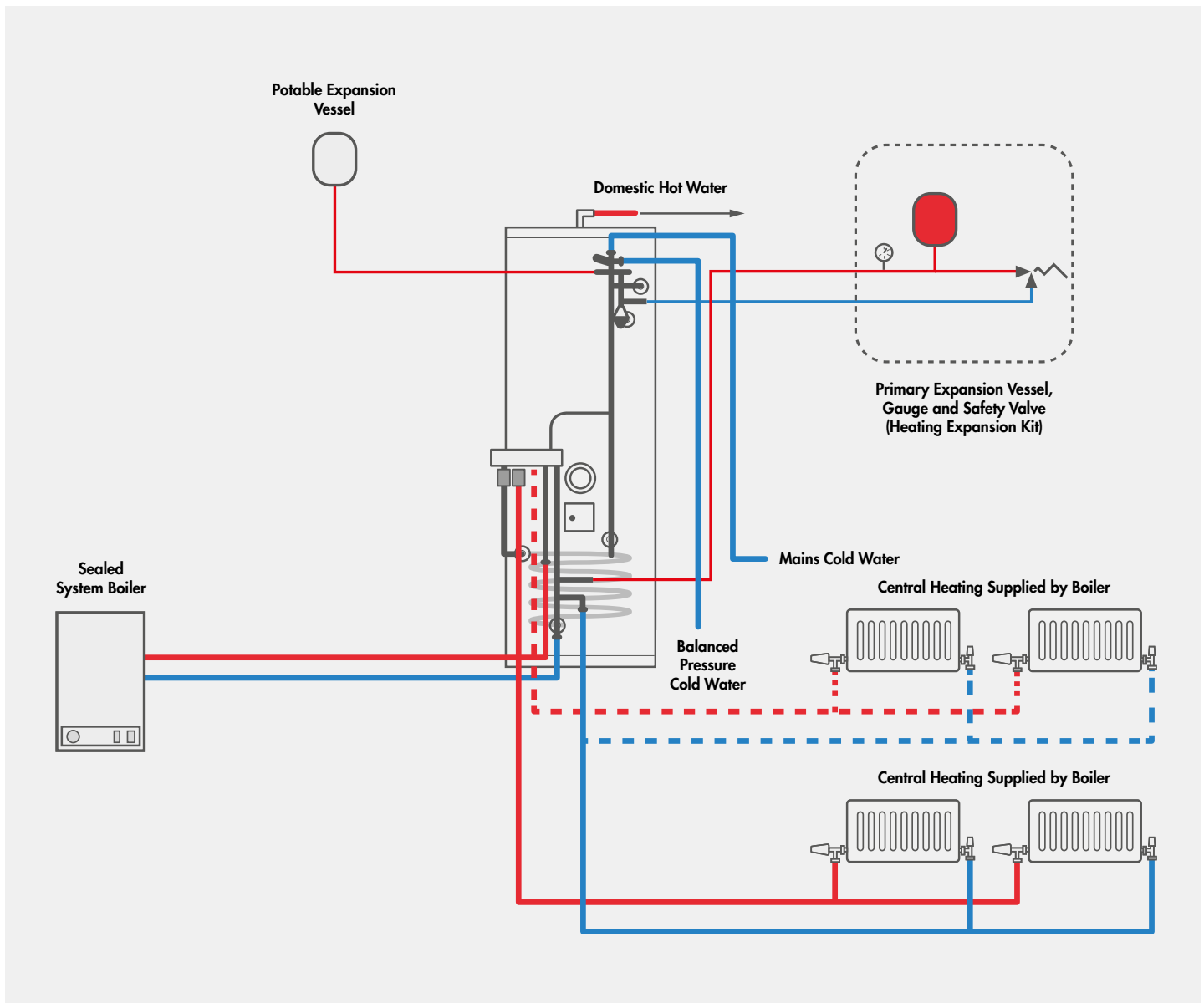
New pipe layout to suit smaller diameter cylinder to enable continuity of branding compared to PRO with wider diameter

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



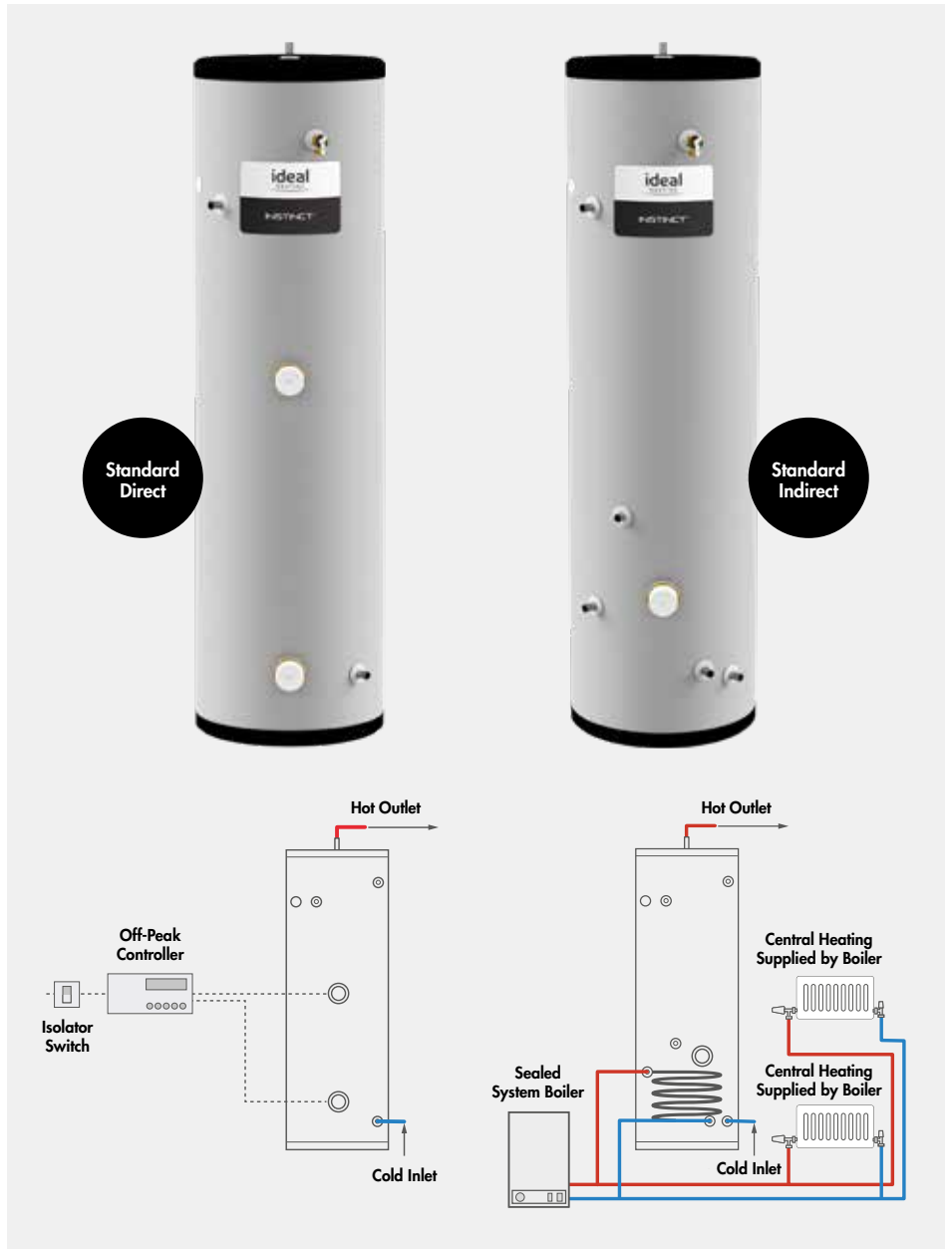
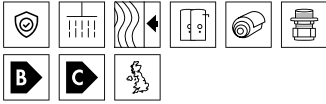
# Cylinders

Guarantees

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

## Ideal Instinct Standard Cylinders

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  
 Capacity – Available in sizes up to 300 Litres



### 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

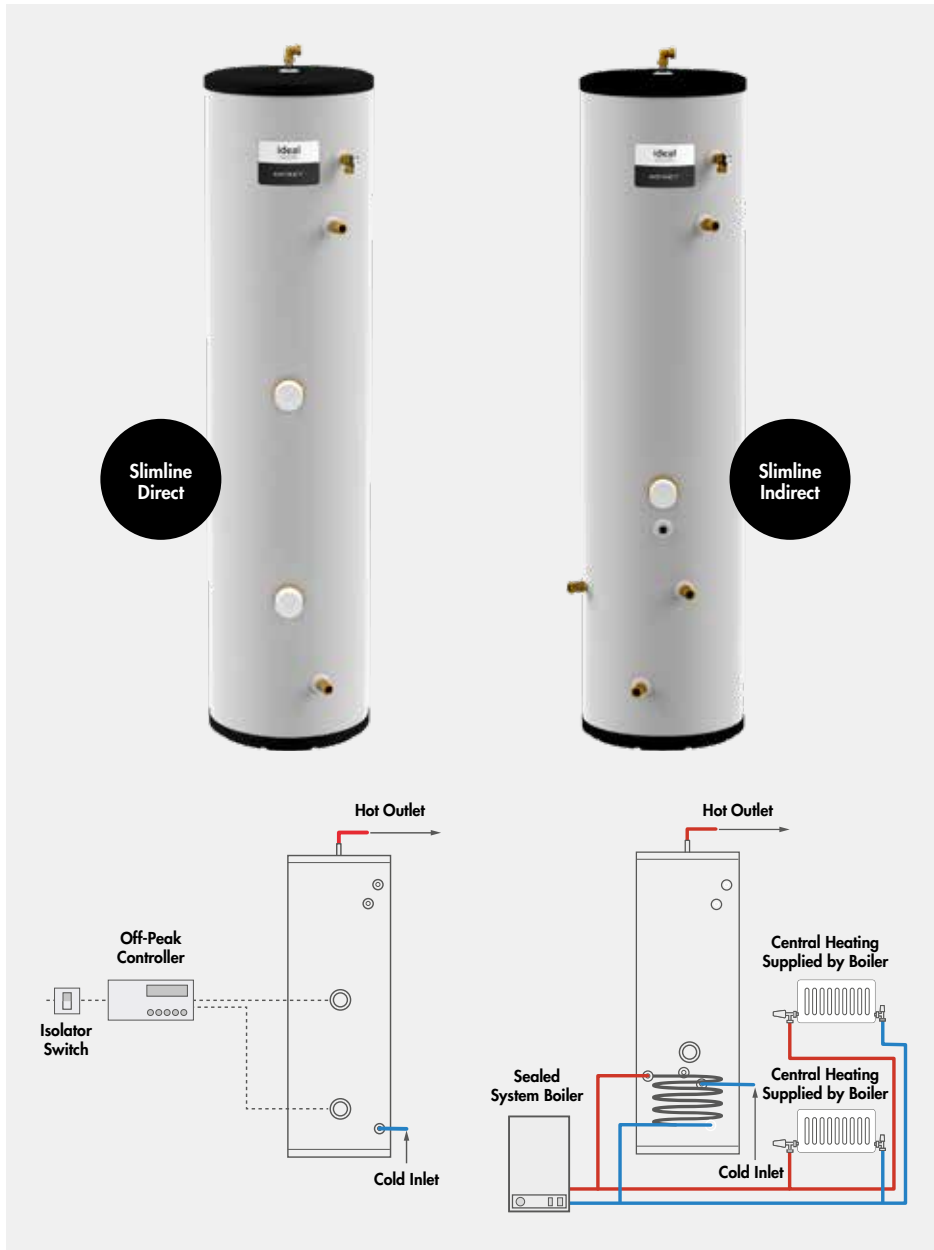
### Standard Direct Cylinders

	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	1990mm	530mm	41kg

### Standard Indirect Cylinders

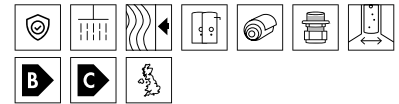
	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter	Weight
IDEINSIN120	B	43 Watts	1.03 kWh/24h	118 Litres	832mm	530mm	19.5kg
IDEINSIN150	B	52 Watts	1.24 kWh/24h	149 Litres	1012mm	530mm	23.3kg
IDEINSIN170	B	57 Watts	1.37 kWh/24h	169 Litres	1131mm	530mm	26kg
IDEINSIN200	C	65 Watts	1.56 kWh/24h	198 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

# Cylinders



## Ideal Instinct Slimline 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 – Reduced diameter of 475mm for smaller properties and space limitations  
 Capacity – Available in sizes up to 300 Litres



### Slimline Direct Cylinders

<b>IDEINSDR120SL</b>	Ideal Instinct Direct 120 Litre Slimline Unvented Cylinder
<b>IDEINSDR150SL</b>	Ideal Instinct Direct 150 Litre Slimline Unvented Cylinder
<b>IDEINSDR180SL</b>	Ideal Instinct Direct 180 Litre Slimline Unvented Cylinder
<b>IDEINSDR210SL</b>	Ideal Instinct Direct 210 Litre Slimline Unvented Cylinder

### Slimline Indirect Cylinders

<b>IDEINSIN120SL</b>	Ideal Instinct Indirect 120 Litre Slimline Unvented Cylinder
<b>IDEINSIN150SL</b>	Ideal Instinct Indirect 150 Litre Slimline Unvented Cylinder
<b>IDEINSIN180SL</b>	Ideal Instinct Indirect 180 Litre Slimline Unvented Cylinder
<b>IDEINSIN210SL</b>	Ideal Instinct Indirect 210 Litre Slimline Unvented Cylinder

Slimline Direct							
	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter	Weight
<b>IDEINSDR120SL</b>	C	47 Watts	1.13 kWh/24h	120 Litres	1248mm	475mm	23.2kg
<b>IDEINSDR150SL</b>	C	56 Watts	1.37 kWh/24h	149 Litres	1519mm	475mm	27kg
<b>IDEINSDR180SL</b>	C	67 Watts	1.61 kWh/24h	181 Litres	1791mm	475mm	31kg
<b>IDEINSDR210SL</b>	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
<b>IDEINSIN120SL</b>	B	47 Watts	1.13 kWh/24h	120 Litres	1248mm	475mm	24kg
<b>IDEINSIN150SL</b>	B	56 Watts	1.37 kWh/24h	149 Litres	1519mm	475mm	28kg
<b>IDEINSIN180SL</b>	C	67 Watts	1.61 kWh/24h	181 Litres	1791mm	475mm	32kg
<b>IDEINSIN210SL</b>	C	74 Watts	1.77 kWh/24h	197 Litres	1963mm	475mm	34.8kg

# Radiators

**Guarantees**

**10** Years  
on Compact 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.

Finish – White, two coat paint process, 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

Dimensions – See page opposite

Installation – Henrad Compact has 4 x 1/2" 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

Safety – Tested to withstand 10.0 Bar

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

Single Convector Type 11

Single Convector Type 21

Double Convector Type 22



Single Convector Type 11

Single Convector Type 21

Double Convector Type 22



Double Convector Type 22 Radiator

# 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	<b>2031105</b>	255	868	<b>2032105</b>	373	1271	<b>2032205</b>	491	1675
	1000	<b>2031110</b>	509	1737	<b>2032110</b>	745	2542	<b>2032210</b>	982	3351
	1500	<b>2031115</b>	764	2605	<b>2032115</b>	1118	3813	<b>2032215</b>	1473	5026
	1600	-	-	-	-	-	-	<b>2032216</b>	1571	5362
	2000	<b>2031120</b>	1018	3473	<b>2032120</b>	1490	5084	<b>2032220</b>	1964	6701
450	400	<b>2011104</b>	302	1032	<b>2012104</b>	422	1140	<b>2012204</b>	548	1871
	500	<b>2011105</b>	378	1290	<b>2012105</b>	528	1800	<b>2012205</b>	686	2339
	600	<b>2011106</b>	454	1548	<b>2012106</b>	633	2160	<b>2012206</b>	823	2807
	700	<b>2011107</b>	529	1806	<b>2012107</b>	739	2520	<b>2012207</b>	960	3274
	800	<b>2011108</b>	605	2064	<b>2012108</b>	844	2880	<b>2012208</b>	1097	3742
	900	<b>2011109</b>	680	2322	<b>2012109</b>	950	3240	<b>2012209</b>	1234	4210
	1000	<b>2011110</b>	756	2579	<b>2012110</b>	1055	3600	<b>2012210</b>	1371	4678
	1100	<b>2011111</b>	832	2837	<b>2012111</b>	1161	3960	<b>2012211</b>	1508	5146
	1200	<b>2011112</b>	907	3095	<b>2012112</b>	1266	4320	<b>2012212</b>	1645	5613
	1400	<b>2011114</b>	1058	3611	<b>2012114</b>	1477	5040	<b>2012214</b>	1919	6549
	1600	<b>2011116</b>	1210	4127	<b>2012116</b>	1688	5759	<b>2012216</b>	2194	7485
	1800	<b>2011118</b>	1361	4643	<b>2012118</b>	1899	6479	<b>2012218</b>	2468	8420
	2000	<b>2011120</b>	1512	5159	<b>2012120</b>	2110	7199	<b>2012220</b>	2742	9356
	2200	<b>2011122</b>	1663	5675	-	-	-	<b>2012222</b>	3016	10291
	2400	<b>2011124</b>	1814	6191	-	-	-	<b>2012224</b>	3290	11227
600	300	<b>2061103</b>	294	1003	-	-	-	-	-	-
	400	<b>2061104</b>	392	1338	<b>2062104</b>	538	1836	<b>2062204</b>	693	2364
	500	<b>2061105</b>	490	1672	<b>2062105</b>	673	2295	<b>2062205</b>	866	2955
	600	<b>2061106</b>	588	2006	<b>2062106</b>	807	2753	<b>2062206</b>	1039	3546
	700	<b>2061107</b>	686	2341	<b>2062107</b>	942	3212	<b>2062207</b>	1212	4137
	800	<b>2061108</b>	784	2675	<b>2062108</b>	1076	3671	<b>2062208</b>	1386	4728
	900	<b>2061109</b>	882	3009	<b>2062109</b>	1211	4130	<b>2062209</b>	1559	5319
	1000	<b>2061110</b>	980	3344	<b>2062110</b>	1345	4589	<b>2062210</b>	1732	5910
	1100	<b>2061111</b>	1078	3678	<b>2062111</b>	1480	5048	<b>2062211</b>	1905	6501
	1200	<b>2061112</b>	1176	4013	<b>2062112</b>	1614	5507	<b>2062212</b>	2078	7092
	1400	<b>2061114</b>	1372	4681	<b>2062114</b>	1883	6425	<b>2062214</b>	2425	8273
	1600	<b>2061116</b>	1568	5350	<b>2062116</b>	2152	7343	<b>2062216</b>	2771	9455
	1800	<b>2061118</b>	1764	6019	<b>2062118</b>	2421	8260	<b>2062218</b>	3118	10637
	2000	<b>2061120</b>	1960	6688	<b>2062120</b>	2690	9178	<b>2062220</b>	3464	11819
	2200	<b>2061122</b>	2156	7356	-	-	-	<b>2062222</b>	3810	13001
2400	<b>2061124</b>	2352	8025	-	-	-	<b>2062224</b>	4157	14183	
700	400	<b>2071104</b>	447	1527	<b>2072104</b>	612	2088	<b>2072204</b>	784	2676
	500	<b>2071105</b>	559	1906	<b>2072105</b>	765	2610	<b>2072205</b>	981	3345
	600	<b>2071106</b>	670	2287	<b>2072106</b>	918	3132	<b>2072206</b>	1177	4015
	700	<b>2071107</b>	782	2668	<b>2072107</b>	1071	3654	<b>2072207</b>	1373	4684
	800	<b>2071108</b>	894	3049	<b>2072108</b>	1224	4176	<b>2072208</b>	1569	5353
	900	<b>2071109</b>	1005	3430	<b>2072109</b>	1377	4698	<b>2072209</b>	1765	6022
	1000	<b>2071110</b>	1117	3811	<b>2072110</b>	1530	5220	<b>2072210</b>	1961	6691
	1100	<b>2071111</b>	1229	4192	<b>2072111</b>	1683	5742	<b>2072211</b>	2157	7360
	1200	<b>2071112</b>	1340	4573	<b>2072112</b>	1836	6264	<b>2072212</b>	2353	8029
	1400	<b>2071114</b>	1564	5336	<b>2072114</b>	2142	7309	<b>2072214</b>	2745	9367
	1600	<b>2071116</b>	1787	6098	<b>2072116</b>	2448	8353	<b>2072216</b>	3138	10705
	1800	<b>2071118</b>	2011	6860	<b>2072118</b>	2754	9397	<b>2072218</b>	3530	12044
	2000	<b>2071120</b>	2234	7622	<b>2072120</b>	3060	10441	<b>2072220</b>	3922	13382

Btu/hr @ Δt50°C



**Guarantees**

**10** Years  
on Compact K3 Radiators

# Radiators

## Henrad Compact K3 Radiators

The Compact K3 is the ideal choice for low energy systems, providing outstanding heat output from a smaller footprint. Henrad Compact K3 has been independently tested to ensure these radiators perform to a maximum working pressure of 10.0 Bar.

Finish – Traffic white (RAL9016)

Dimensions – See below

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

Safety – Tested to withstand 10.0 Bar

**STEEL** Tested 10 Bar

**For Low Energy Systems**



### Compact K3 Radiators

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

Btu/hr @ Δt50°C



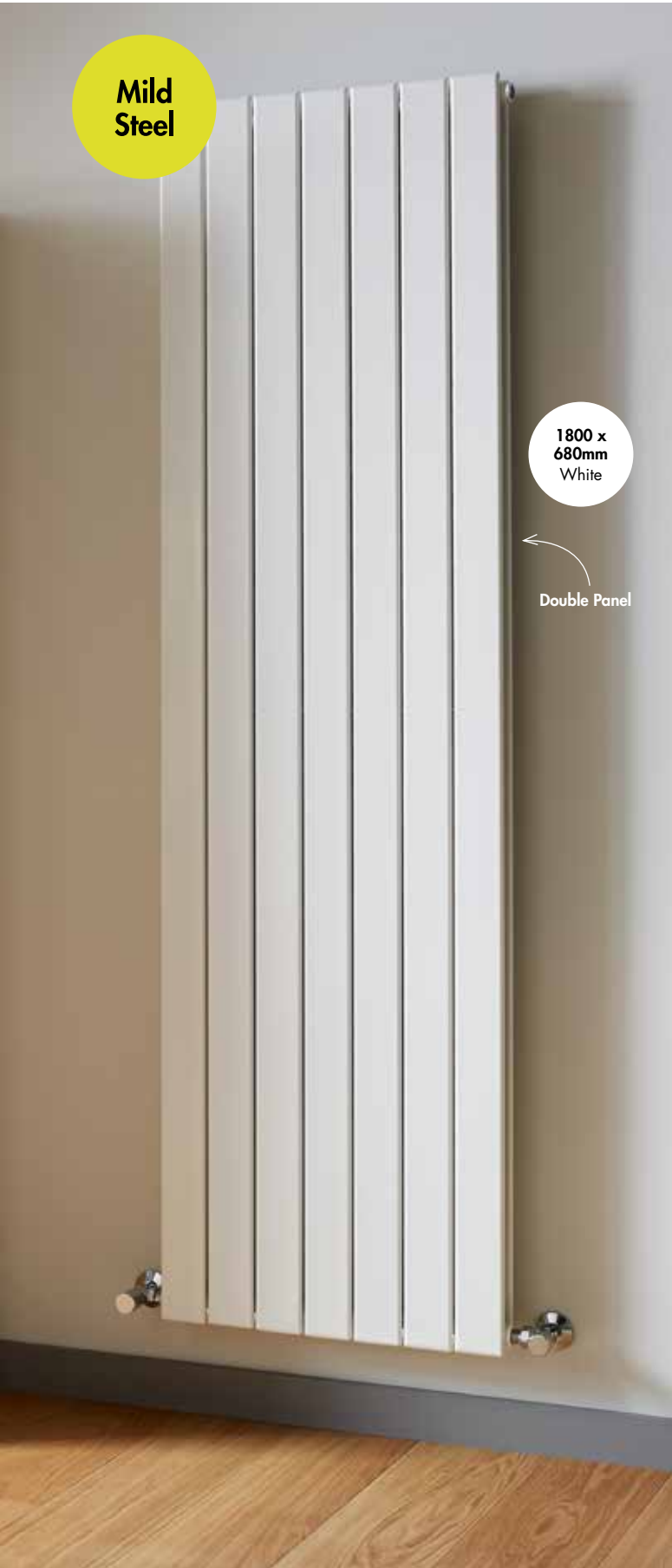
**Triple Convactor Type 33 Radiator**



Triple  
Convactor  
Type 33  
Radiator

# Espada Radiators

Vertical Radiators



### Single Panel

Finish – White or Anthracite

Material – Mild Steel

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

**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.

**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



# Espada Radiators

## Horizontal Radiators



### Single Panel

Finish – White or Anthracite

Material – Mild Steel

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

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.

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

# 22mm Towel Rails

Guarantees

**15** Years  
on Towel Rails

## Straight Towel Rails



### Chrome Finish

Material – Mild Steel

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

	Height	Width	Depth	Watts	Btu/hr	Electric Element
PHGKT060-40CP	600	400	83-105	160	545	100
PHGKT060-50CP	600	500	83-105	191	651	125
PHGKT060-60CP	600	600	83-105	222	756	125
PHGKT080-30CP	800	300	83-105	168	572	100
PHGKT080-40CP	800	400	83-105	207	706	100
PHGKT080-50CP	800	500	83-105	246	841	125
PHGKT080-60CP	800	600	83-105	286	975	150
PHGKT080-75CP	800	750	83-105	345	1177	200
PHGKT100-30CP	1000	300	83-105	200	683	150
PHGKT100-40CP	1000	400	83-105	245	837	150
PHGKT100-50CP	1000	500	83-105	290	990	200
PHGKT100-60CP	1000	600	83-105	335	1144	200
PHGKT120-30CP	1200	300	83-105	245	837	200
PHGKT120-40CP	1200	400	83-105	302	1029	200
PHGKT120-50CP	1200	500	83-105	358	1221	200
PHGKT120-60CP	1200	600	83-105	414	1413	300
PHGKT120-75CP	1200	750	83-105	498	1701	300
PHGKT140-50CP	1400	500	83-105	413	1411	300
PHGKT140-60CP	1400	600	83-105	478	1632	300
PHGKT160-40CP	1600	400	83-105	396	1351	300
PHGKT160-50CP	1600	500	83-105	469	1601	300
PHGKT160-60CP	1600	600	83-105	542	1850	400
PHGKT180-40CP	1800	400	83-105	461	1574	400
PHGKT180-50CP	1800	500	83-105	549	1872	400
PHGKT180-60CP	1800	600	83-105	636	2169	400
PHGKT180-75CP	1800	750	83-105	766	2615	400



### Matt Black Finish

Material – Mild Steel

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

	Height	Width	Depth	Watts	Btu/hr	Electric Element
PHGKT080-50ZMB	800	500	83-105	357	1218	125
PHGKT080-60ZMB	800	600	83-105	414	1413	150
PHGKT120-50ZMB	1200	500	83-105	519	1771	200
PHGKT120-60ZMB	1200	600	83-105	600	2047	300
PHGKT160-50ZMB	1600	500	83-105	680	2320	300
PHGKT160-60ZMB	1600	600	83-105	789	2692	400

# 22mm Towel Rails

## Curved Towel Rails



1200 x  
600mm  
Chrome



Mild  
Steel

### Chrome Finish

Material – Mild Steel

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

	Height	Width	Depth	Watts	Btu/hr	Electric Element
<b>PHGKT080-50CPCV</b>	800	500	89-119	246	841	125
<b>PHGKT080-60CPCV</b>	800	600	95-125	286	975	150
<b>PHGKT100-50CPCV</b>	1000	500	89-119	290	990	200
<b>PHGKT100-60CPCV</b>	1000	600	95-125	335	1144	200
<b>PHGKT120-50CPCV</b>	1200	500	89-119	358	1221	200
<b>PHGKT120-60CPCV</b>	1200	600	95-125	414	1413	300

	Height	Width	Depth	Watts	Btu/hr	Electric Element
<b>PHGKT140-50CPCV</b>	1400	500	89-119	413	1411	300
<b>PHGKT140-60CPCV</b>	1400	600	95-125	478	1632	300
<b>PHGKT160-50CPCV</b>	1600	500	89-119	469	1601	300
<b>PHGKT160-60CPCV</b>	1600	600	95-125	542	1850	400
<b>PHGKT180-50CPCV</b>	1800	500	89-119	549	1872	400
<b>PHGKT180-60CPCV</b>	1800	600	95-125	636	2169	400

# Water Treatment

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**Our frequently ordered Water Treatment products...**

**Best Seller**

**Corrosion Inhibitor**  
Page 26

**Smaller Bottle Size**

**System Cleaner**  
Page 26

## Water Treatment Features

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

Manufactured in Great Britain	Manufactured Using Patented Technologies	Easy to Install and Maintain	Cost Saving Product	Dosing Amount – Up to 10 Litres
Dosing Amount – Up to 10 Radiators	Prevents Limescale + Corrosion	Dissolves Limescale	Removes Debris Suspended in Water	Seals Leaks + Weeping Joints
Improves Heat Transfer	Prevents Bacterial + Fungal Growth	Use with Power Flushing Machines	Non-Hazardous Formulation	Bottle Made from 50% Recycled Plastic
App Control via Mobile Device	Minimum Operating Pressure	Maximum Operating Pressure	Minimum Operating Temperature	Maximum Operating Temperature

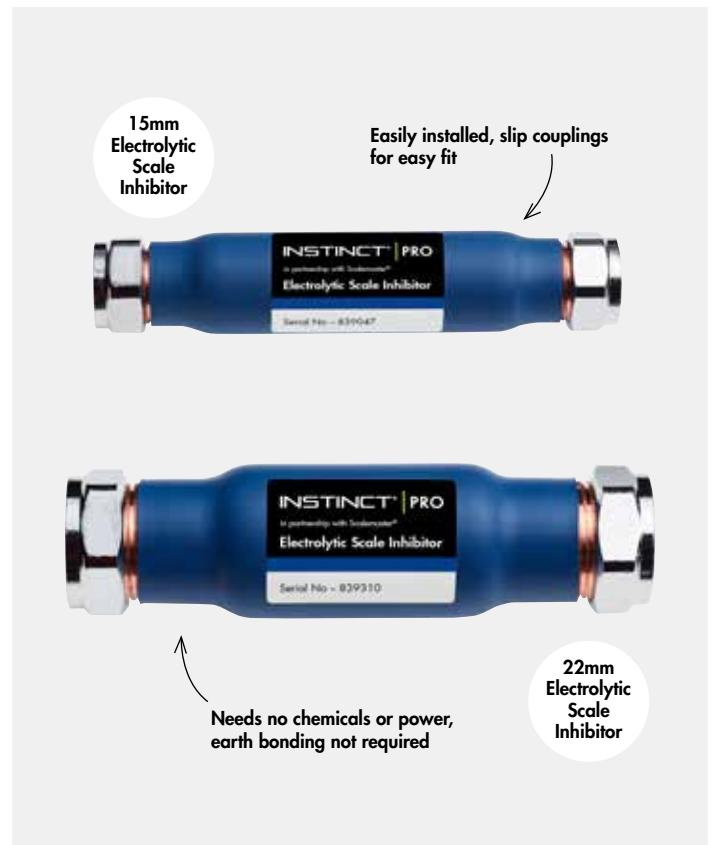
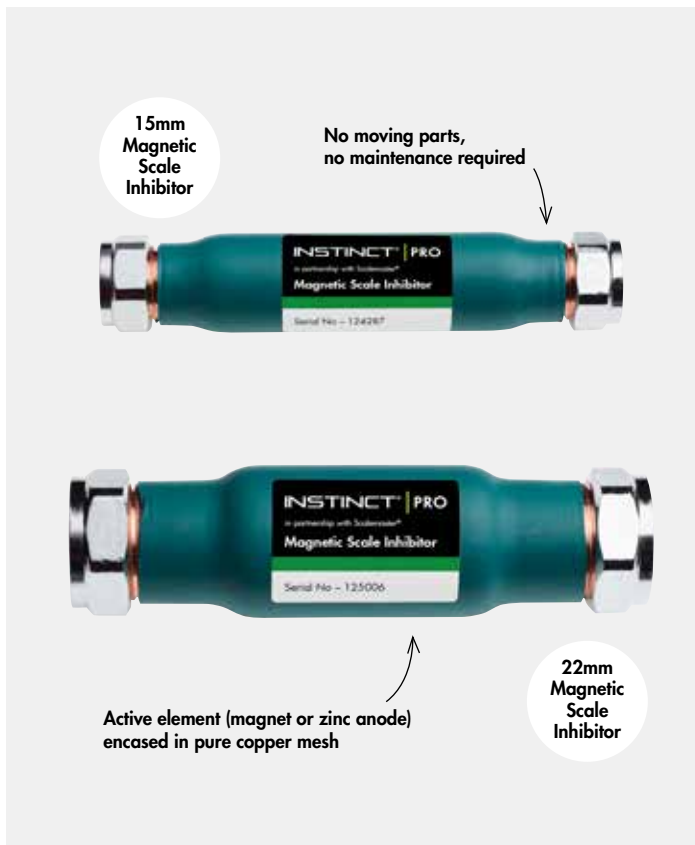
**Cost Saving Filter**

**22mm + 28mm Magnetic Filter (Isolation Valves)**  
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**Guarantees**

**2** Years on Scale Inhibitors      **1** Year on Trade Scale Inhibitor

# Scale Inhibitors



### Magnetic Scale Inhibitor

The range of Instinct Pro Scale Inhibitors are manufactured by Scalemaster® in the UK and incorporate the original Scalemaster® patented technology.

**Copper Mesh Enhances Limescale Inhibitor Performance**

Instinct Pro and Scalemaster® in-line limescale inhibitors incorporate an active element (magnet or zinc anode) encased in pure copper mesh. The mesh increases the surface area of copper in contact with the water passing through the unit which enhances the electrochemical effect (removal of dissolved oxygen and treatment to prevent limescale precipitation). Only Scalemaster® products use this technology (Patent No. 2285936) which has been proven in independent tests (by British Gas R&D) to extend boiler life typically by 50% by preventing scale build up in hard water areas.

The copper mesh – zinc/magnet anode pair reduces the water flow rate through the unit by less than 1%.

Finish – Green

Dimensions – 130(l) x 28(d) mm (403328)

136(l) x 35(d) mm (403335)

Installation – Easily installed, slip couplings for easy fit

Maintenance – No moving parts, no maintenance required

Power Source – Needs no chemicals or power, earth bonding not required

Manufacture – Made in the UK with Scalemaster® patented technology

Protection – Single appliance protection

Accreditations – WRAS Approved Product

Economy – Saves on energy costs



**403328** 15mm Magnetic Scale Inhibitor

**403335** 22mm Magnetic Scale Inhibitor

### Electrolytic Scale Inhibitor

The range of Instinct Pro Scale Inhibitors are manufactured by Scalemaster® in the UK and incorporate the original Scalemaster® patented technology.

**Copper Mesh Enhances Limescale Inhibitor Performance**

Instinct Pro and Scalemaster® in-line limescale inhibitors incorporate an active element (magnet or zinc anode) encased in pure copper mesh. The mesh increases the surface area of copper in contact with the water passing through the unit which enhances the electrochemical effect (removal of dissolved oxygen and treatment to prevent limescale precipitation). Only Scalemaster® products use this technology (Patent No. 2285936) which has been proven in independent tests (by British Gas R&D) to extend boiler life typically by 50% by preventing scale build up in hard water areas.

The copper mesh – zinc/magnet anode pair reduces the water flow rate through the unit by less than 1%.

Finish – Blue

Dimensions – 130(l) x 28(d) mm (403342)

136(l) x 32(d) mm (403359)

Installation – Easily installed, slip couplings for easy fit

Maintenance – No moving parts, no maintenance required

Power Source – Needs no chemicals or power, earth bonding not required

Manufacture – Made in the UK with Scalemaster® patented technology

Protection – Whole house protection

Accreditations – WRAS Approved Product

Economy – Saves on energy costs



**403342** 15mm Electrolytic Scale Inhibitor

**403359** 22mm Electrolytic Scale Inhibitor

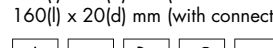


### Trade Magnetic Scale Inhibitor

Finish – White

Dimensions – 120(l) x 20(d) mm (without connections)

160(l) x 20(d) mm (with connections)



**403274** 15mm Trade Magnetic Scale Inhibitor



# INSTINCT® | PRO

in partnership with Scalemaster®

Complete  
Range  
Available

## The perfect concentration for reliable results



[www.instinctproducts.co.uk](http://www.instinctproducts.co.uk)

# Chemicals

## Introducing the range

Alongside Scalemaster®, a leading supplier of quality water treatment products for over 30 years, Instinct Pro has continued its commitment to product innovation, energy efficiency and the environment with the launch of a 250ml range of chemical solutions for heating systems. This new size evolution provides same dose as larger bottles but with less packaging waste whilst maintaining recyclable content.

All 250ml bottles are manufactured from 50% recycled High Density Polyethylene (HDPE)

All 250ml bottles are fully recyclable due to the white caps & security rings

All 250ml bottles will treat a 100 Litre (10 Rad) system

All 250ml bottles are Non-Hazardous formulations

250ml IN-100 Corrosion Inhibitor is NSF CIAS Approved

Ideal for dosing through a system filter

IN-100 in box quantities of 20, all other 250ml products in the range in mixed boxes of 20



Bottles Made from  
50% Recycled Plastic



Manufactured in  
Great Britain



**IN-100 Concentrate  
Corrosion Inhibitor**



**IN-200 Concentrate  
Boiler Noise Reducer**



**IN-300 Concentrate  
System Cleaner**



**IN-400 Concentrate  
Sludge Remover**



**IN-500 Concentrate  
Leak Sealer**



**IN-600 Concentrate  
Heat Optimiser**



**IN-700 Concentrate  
System Biocide**



**IN-800 Concentrate  
Power Cleaner**



# Chemicals

## Heating System Chemicals

### IN-100 Corrosion Inhibitor

Prevents corrosion, hard water limescale precipitation and is essential for protecting hot water heating systems and maintaining operational efficiency.

The 5 Litre Bottle (504582) is concentrated and will dose 2000 Litres.

Dimensions –

250(h) x 55(w) x 55(d) mm (504513)

137(h) x 72(w) x 49(d) mm (504223)

275(h) x 175(w) x 125(d) mm (504582)



504513 300ml Aerosol

504223 250ml Bottle

504582 5 Litre Bottle (Concentrated)



### IN-300 System Cleaner

For commissioning new heating systems.

Removes installation foulants, flux, grease and debris suspended in water by flushing. Should be left in system min 2 hours, max 2 weeks.

The 5 Litre Bottle (504599) is concentrated and will dose 2000 Litres.

Dimensions –

250(h) x 55(w) x 55(d) mm (504520)

137(h) x 72(w) x 49(d) mm (504247)

275(h) x 175(w) x 125(d) mm (504599)



504520 300ml Aerosol

504247 250ml Bottle

504599 5 Litre Bottle (Concentrated)



### IN-500 Leak Sealer

For the internal sealing of inaccessible leaks and weeping joints. Forms a soft seal within 24 hours. Will not cause blockages in circulatory pumps or air vents.

Dimensions –

250(h) x 55(w) x 55(d) mm (504537)

137(h) x 72(w) x 49(d) mm (504261)



504537 300ml Aerosol

504261 250ml Bottle



## Environmentally Friendly

All Instinct Pro Heating System Chemicals are manufactured in the UK by Scalemaster® using non-hazardous formulations.

All 250ml bottles are manufactured from 50% recycled High Density Polyethylene (HDPE) and are fully recyclable due to the white caps and security rings.

# Chemicals

## Heating System Chemicals



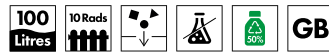
**IN-200 Boiler Noise Silencer**  
Dimensions – 137(h) x 72(w) x 49(d) mm



504230 250ml Bottle



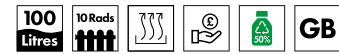
**IN-400 Sludge Remover**  
Dimensions – 137(h) x 72(w) x 49(d) mm



504254 250ml Bottle



**IN-600 Heat Optimiser**  
Dimensions – 137(h) x 72(w) x 49(d) mm



504278 250ml Bottle



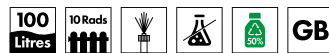
**IN-700 System Biocide**  
Dimensions – 137(h) x 72(w) x 49(d) mm



504285 250ml Bottle



**IN-800 Power Cleaner**  
Dimensions – 137(h) x 72(w) x 49(d) mm



504292 250ml Bottle



**Towel Rail Antifreeze (Pre-Mixed)**  
Dimensions – 217(h) x 105(w) x 84(d) mm

504773 1 Litre



**Over Winter Protector (Concentrated)**  
Dimensions –  
275(h) x 175(w) x 125(d) mm (504742)  
440(h) x 275(w) x 235(d) mm (504759)

504742 5 Litre Bottle  
504759 25 Litre Bottle



**Inhibited Antifreeze (Concentrated)**  
Dimensions –  
275(h) x 175(w) x 125(d) mm (504742)  
440(h) x 275(w) x 235(d) mm (504759)

504711 5 Litre Bottle  
504728 25 Litre Bottle



**Leak Sealer Paste**  
Dimensions –  
140(h) x 35(w) x 25(d) mm

504384 50g

# Chemicals

## Cleaning Chemicals



### Heavy Duty Drain Cleaner

Dimensions –  
217(h) x 105(w) x 84(d) mm

504780

1 Litre



### Sterilising / Disinfectant Fluid

Dimensions –  
217(h) x 105(w) x 84(d) mm

504797

1 Litre



### Spray Foam Mould + Mildew Remover

Dimensions –  
250(h) x 95(w) x 60(d) mm

504995

500ml



### Spray Foam Bathroom Limescale Remover

Dimensions –  
250(h) x 95(w) x 60(d) mm

504971

500ml



### Non-Toxic After Shower Cleaner

Dimensions –  
250(h) x 95(w) x 60(d) mm

504988

500ml



### General Purpose Descaler

Dimensions –  
143(h) x 55(w) x 55(d) mm

504612

250ml



### Drain + Toilet Cleaner (Enzyme Based)

Dimensions –  
261(h) x 95(w) x 60(d) mm

504636

750ml



### Sink + Drainer Unblocker (Enzyme Based)

Dimensions –  
192(h) x 65(w) x 65(d) mm

504629

1 Litre

## Soldering Paste



### Masterflux Flux Soldering Paste

Dimensions –  
80(h) x 80(w) x 70(d) mm

701103

250g

## Water Testing Strips + Kits



### Water Hardness Test Strips

Dimensions –  
138(h) x 93(w) x 15(d) mm

901046

6 Test Strips



### Heating System Water Quality Check Kit

Dimensions –  
80(h) x 28(w) x 100(d) mm

506005

Single Kit



### Rapid Inhibitor Test Strips

Dimensions –  
80(h) x 28(w) x 100(d) mm

504803

50 Test Strips

# INSTINCT® | PRO

## New Brand. New Brochure.

**The Instinct Pro Bathroom Collection provides Installers and Consumers an excellent choice of bathroom products for everyday projects.**

Within the new edition you will find:

Quality bathroom products at trade prices

Bathroom products to suit your space and needs

From traditional to contemporary styles, for every budget

If you are looking for a cost effective bathroom solution for a range of domestic installations, the Instinct Pro Bathroom Collection can provide the answer for you.

**Instinct Pro – we've got you covered.**



[www.instinctproducts.co.uk](http://www.instinctproducts.co.uk)

INSTINCT® | PRO

Bathroom Collection  
2023/24





Works with  
all chemical  
inhibitors

# Real-time measurement of corrosion inhibitor protection, on-site, in under 5 minutes!

(For annual testing compliance with BS7593:2019)



Phone not included.



# Water Testing

**Complete results in 5 minutes**



**Download the App**

## i-Test

### Are you British Standard Compliant?

Poor water quality is the most common root cause of central heating breakdowns. It is now a requirement of BS 7593:2019 to carry out an annual check of heating system water quality as part of the system maintenance programme.

### What is BS 7593:2019 and why is it important?

BS7593 is the British Standard code of practice for the preparation, commissioning and maintenance of domestic central heating and cooling water systems. It applies to individual domestic properties when commissioning a new system for the first time, re-commissioning following the installation of a new boiler, or any other major remedial work on the heating system.

The latest iteration, (BS 7593:2019) came into effect on 31 May 2019. Compliance is a regulatory requirement within Part L of Building Regulations and includes carrying out a check on inhibitor level to prevent corrosion.

### Scalemaster® i-Test® – Inhibitor Tester

Scalemaster® i-Test® provides a revolutionary way to check if the heating system water is healthy and there is sufficient active inhibitor present to provide adequate protection against corrosion on metals typically in a system. It doesn't just check if there is some chemical in the water - it provides a real-time measurement of corrosion protection provided in reference to the target performance levels of the NSF CIAS tests.

Unlike single dipstick tests, i-Test® will show:

- The level of corrosion protection provided by any inhibitor present
- If there are any other chemicals (such as system cleaner) or flux residues present working against the inhibitor to increase corrosion
- If the corrosion in a system is actually worse than in the tap water used to fill it!



506104

Scalemaster i-Test

506111

Scalemaster i-Test Replacement Probe (Pack of 10)

506128

Scalemaster i-Test Replacement Probe (Pack of 50)

## 6 Simple Steps to Check Corrosion Inhibitor Protection



**Step 1**  
Download the app



**Step 2**  
Clean the probe



**Step 3**  
Insert the probe



**Step 4**  
Check tap water



**Step 5**  
Test system water



**Step 6**  
Generate report

### Test Methodology

i-Test works by measuring the corrosion between two different metals (iron and copper) suspended in a small sample of system water. The signalling unit sends data to a free-to-download App on your smartphone which decodes and processes the data to generate a report which can immediately be sent to the customer or printed on a local printer.

**Download the instructions and watch the video at [www.i-test.com](http://www.i-test.com) or [www.scalemaster.co.uk](http://www.scalemaster.co.uk)**

# Magnetic Filters

**Guarantees**

**2** Years on Magnetic Filters    **2** Years on Trade-Tec Filters



## 22mm + 28mm Magnetic Filter (Isolation Valves)

The Instinct ECO-Mag magnetic central heating filter is the ideal solution to help combat against costly and unnecessary system breakdowns caused by both magnetic and non ferrous particulate in fluid based systems. The Instinct ECO-Mag can be used on all types of central heating systems and it is recommended, for maximum effect, that the filter be fitted on the return leg of the system, between the last radiator and the boiler.

- Finish – Black
- Dimensions – 242(h) x 232(w) x 157(d) mm (INMAG22)  
242(h) x 245(w) x 157(d) mm (INMAG28)
- Triple Action Filter – Magnetic filter, non ferrous filter and manual air separator actively filters magnetite and non ferrous debris
- Filter Magnet – 12000 gauss removable magnet
- Dosing Capacity – 500ml large dosing pot capacity enables installers to quickly dose without having to drain down the whole system
- Maintenance – Manual air bleed, even if the filter isn't serviced, it will never inhibit system performance as its unique connection, aided by full bore isolation valves, means that it will never block
- Spares – Supplied with a full set of spare sealing washers and O-rings
- Valves – Full bore isolating ball valves on inlet and outlet connections ensures that full flow is always achieved to maintain system performance
- Installation – Can be installed anywhere on any orientation of pipework saving the installer time and money effortless servicing and fitting

<b>INMAG22</b>	22mm Magnetic Filter (Isolation Valves)
<b>INMAG28</b>	28mm Magnetic Filter (Isolation Valves)
<b>MAGFILTOOL</b>	Spanner for INMAG magnetic filters

## 22mm + 28mm Trade-Tec Magnetic Filter (Isolation Valves)

The Trade-Tec magnetic central heating system filter, featuring our innovative double gauze non-ferrous filter, is suitable for all central heating systems and can be fitted anywhere, in any orientation on the central heating circuit. For maximum system protection however, we recommend that you fit the magnetic filter on the return leg of the circuit, between the last radiator and the boiler.

- Finish – Black
- Dimensions – 193(h) x 240(w) x 153(d) mm
- Filter – Actively filters magnetite & non-ferrous system debris, unique double gauze non-ferrous filter
- Filter Magnet – Removable high strength magnet
- Dosing Capacity – 500ml large dosing pot capacity enables installers to quickly dose without having to drain down the whole system
- Maintenance – Manual air vent
- Drain Valve – Low profile drain valve
- Valves – Full bore isolating ball valves
- Installation – 360° fully rotatable installation, convenient in line fitting, short installation footprint

<b>TRMAGFIL22</b>	22mm Magnetic Filter (Isolation Valves)
<b>TRMAGFIL28</b>	28mm Magnetic Filter (Isolation Valves)
<b>IKSPA13</b>	Spanner for Trade-Tec magnetic filters



# Magnetic Filters



## 22mm IntaKlean Nano Magnetic System Filter

The IntaKlean Nano is a magnetic system filter designed to remove ferrous and non ferrous material from fluid systems. This compact magnetic filter is designed for use on fluid heating systems, the perfect solution for where clean and efficient systems are required but a small installation footprint is paramount.

For maximum system component protection we advise that the IntaKlean Nano is installed onto the return leg of the circuit, between the last radiator and the boiler.

Finish – Black

Dimensions – 144(h) x 226(w) x 66(d) mm

Filter – Effectively filters ferrous and non ferrous system debris, 800µm stainless steel filter cartridge for ultimate particle capture

Filter Magnet – 12,000 Gauss, fully removable dry pocket magnet

Dosing Capacity – 200ml

Maintenance – Transparent settling chamber to easily identify servicing intervals

Valves – Complete with isolating ball valves

Compatible Fluid – Water, Water + Glycol 50% Max

Installation – Specific compact design for small installation footprints, multiple inlet/outlet variations to suit any installation requirement



IKN22

22mm IntaKlean Nano Magnetic System Filter



## 3/4" IntaKlean Nano Magnetic System Filter

The IntaKlean Nano is a magnetic system filter designed to remove ferrous and non ferrous material from fluid systems. IKN34 has been specifically designed to be installed directly underneath the relevant heat source such as boilers, heaters and Heat Interface Units.

For maximum system component protection we advise that the IntaKlean Nano is installed onto the return leg of the circuit, between the last radiator and the boiler.

Finish – Black

Dimensions – 144(h) x 171(w) x 66(d) mm

Filter – Effectively filters ferrous and non ferrous system debris, 800µm stainless steel filter cartridge for ultimate particle capture

Filter Magnet – 12,000 Gauss, fully removable dry pocket magnet

Dosing Capacity – 200ml

Maintenance – Transparent settling chamber to easily identify servicing intervals

Valves – Complete with isolating ball valves

Compatible Fluid – Water, Water + Glycol 50% Max

Installation – Multiple inlet/outlet variations to suit any installation requirement, direct under boiler connections



IKN34

3/4" IntaKlean Nano Magnetic System Filter



Multiple inlet/outlet variations

# Magnetic Filters



Take a closer look at the Fernox TF1 Sigma UB Filter features video



## Fernox TF1 Sigma UB Filter (Suitable with Ideal Instinct<sup>2</sup> Combi Boilers)

Composite under boiler system filter with a brass manifold designed for easy installation in small, restricted areas and with concealed pipework. This high-performance filter can be installed directly under the boiler or in restricted spaces due to the compact, versatile design. The TF1 Sigma UB Filter offers the ultimate in installer choice and provides high efficiency protection against the build-up of system debris.

The Filter has been designed to ensure there is minimal pressure loss in addition to maintaining a high collection efficiency. The filter has been designed to capture a range of system contaminants, whilst also ensuring it cannot block, reduce flow through pipework or impact the performance of the heating system.

The TF1 Sigma UB Filter utilises a range of high-quality component parts that ensure the filter offers optimum performance. The three-way ball valve has been designed to allow users to easily operate by hand, whilst also providing a reliable serving procedure. The filter manifold includes a secure connection to the system and a robust service point allowing the filter to be drained and cleaned. The magnet is made using premium grade neodymium, enabling a high efficiency capture rate, as well as a robust filtration medium that will ensure a continued and consistent level of collection

Finish – Black

Dimensions – 88(h) x 189(w) x 73(d) mm

Compact Design – A high capacity, compact design

Installation – Ideal for use in restricted spaces

Valves – Integrated three way valve with filter isolation and cleaning functionality

Construction – Durable and robust construction, made from a high-quality glass reinforced engineering polymer, and non-porous forged brass

Filter – Will not block or restrict flow

Maintenance – Can replace return valve if required



62631

Fernox TF1 Sigma UB Filter



Compact, versatile design allows for easier installation underneath the boiler or in restricted spaces

Launch  
Autumn  
2023

## Browse the Instinct Collections Online

Coming soon, check out our extensive range of bathroom, plumbing + heating products online.

### Easy to navigate

Find the product you like at the click of a button

### Download documents

Product technical specification, installation guides + brochures

### Find your nearest branch

Use the branch finder to make your purchase

Log-on and keep up-to-date with all things Instinct + Instinct Pro.



# Controls

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### Control Features



Max 85°C

Min 0.2 Bar

Max 10 Bar



Temperature Adjustment Max Flow Temperature Min. Operating Pressure Max. Operating Pressure Anti Scald

## Our frequently ordered Controls products...



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**15mm Angled Lockshield Manual Radiator Valve (Drain Off)**  
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**15mm Straight Modern Radiator Valves (Pair)**  
Page 40

**Guarantees**

**1** Years on Thermostatic Mixing Valves (TMVs)

# Thermostatic Mixing Valves (TMVs)



**15mm TMV2 / 3 Thermostatic Mixing Valve**

Finish – Chrome  
Dimensions – 98(h) x 140(w) mm



40015CBA



**22mm TMV2 / 3 Thermostatic Mixing Valve**

Finish – Chrome  
Dimensions – 98(h) x 146(w) mm



40022CBA



**15mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)**

Finish – Chrome  
Dimensions – 98(h) x 132(w) mm



400MX15CBA



**22mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)**

Finish – Chrome  
Dimensions – 98(h) x 132(w) mm



400MX22CBA



# Thermostatic Radiator Valves (TRVs)



### 1/2" x 15mm Angled Modern Thermostatic Radiator Valves

Finish – Black or Anthracite  
Dimensions – 136(h) x 68(w) x 40(d) mm

INCNT004AP-BL	Black
INCNT004AP-AT	Anthracite



### 1/2" x 15mm Straight Modern Thermostatic Radiator Valves

Finish – Black or Anthracite  
Dimensions – 84(h) x 118(w) x 40(d) mm

INCNT004ST-BL	Black
INCNT004ST-AT	Anthracite



### 1/2" x 15mm Corner Modern Thermostatic Radiator Valves

Finish – Black or Anthracite  
Dimensions – 84(h) x 118(w) x 40(d) mm

INCNT024-BL	Black
INCNT024-AT	Anthracite



### 1/2" x 15mm Contemporary Radiator Valves

Finish – Matt Black  
Dimensions – 78(h) x 75(w) x 30(d) mm

INCNT003AP-ZMB	Angled Valve
INCNT003ST-ZMB	Straight Valve



### 15mm Angled TRV (Twin Pack)

Finish – Chrome Plated  
Dimensions – 140(h) x 76(w) x 48(d) mm

Max 110°C	Max 10 Bar
-----------	------------

15PACKACP.1



### 15mm Straight TRV (Twin Pack)

Finish – Chrome Plated  
Dimensions – 124(h) x 85(w) x 48(d) mm

Max 110°C	Max 10 Bar
-----------	------------

15PACKSCP.1



### 15mm Angled TRV

Finish – Chrome / White  
Dimensions – 140(h) x 76(w) x 48(d) mm

Max 110°C	Max 10 Bar
-----------	------------

15TRVAWHCP



### 10mm Angled TRV

Finish – Chrome / White  
Dimensions – 140(h) x 76(w) x 48(d) mm

Max 110°C	Max 10 Bar
-----------	------------

10TRVAWHCP



### 15mm Corner TRV Lockshield (Twin Pack)

Finish – Chrome  
Dimensions – 118(h) x 39(w) x 15(d) mm

TRVCNR

**Guarantees**

**1** Year on Thermostatic Radiator Valves (TRVs)

# Thermostatic Radiator Valves (TRVs)



**15mm Angled TRV (Twin Pack)**

Finish – Chrome / White  
Dimensions – 140(h) x 76(w) x 48(d) mm

Max 110°C Max 10 Bar

15PACKAWHCP.1



**10mm Angled TRV (Twin Pack)**

Finish – Chrome / White  
Dimensions – 140(h) x 76(w) x 48(d) mm

Max 110°C Max 10 Bar

10PACKAWHCP



**15mm Straight TRV (Twin Pack)**

Finish – Chrome / White  
Dimensions – 124(h) x 85(w) x 48(d) mm

Max 110°C Max 10 Bar

15PACKSWHCP.1



**15mm Angled TRV Lockshield (Twin Pack)**

Finish – Chrome / White  
Dimensions – 140(h) x 76(w) x 48(d) mm

Max 110°C Max 10 Bar

15PACKABS



**10mm Angled TRV Lockshield (Twin Pack)**

Finish – Chrome / White  
Dimensions – 140(h) x 76(w) x 48(d) mm

Max 110°C Max 10 Bar

108TWINA10



**15mm x 10mm One Piece Reducing Bullet**

Finish – Brass  
Dimensions – 30(h) x 50(w) x 60(d) mm

1510RED

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PHG Buying Ltd



Guarantees

**1** Year on Designer Radiator Valves

# Designer Radiator Valves



## 15mm Straight Modern Radiator Valves (Pair)

Finish – Polished Chrome  
Dimensions – 75(h) x 87.5(w) x 32(d) mm

Max 100°C Max 10 Bar

INST-AL024LC



## 15mm Angled Modern Radiator Valves (Pair)

Finish – Polished Chrome  
Dimensions – 90.5(h) x 75(w) x 32(d) mm

Max 100°C Max 10 Bar

INST-AL025LC



## 1/2" x 15mm Angled Crosshead Traditional Radiator Valve (Pair)

Finish – Polished Chrome  
Dimensions – 110(h) x 115(w) x 46(d) mm

Max 100°C Max 10 Bar

INST-AL034LC



15mm Angled Square Valve



## 15mm Angled Square Decorative Radiator Valves (Pair)

Finish – Polished Chrome  
Dimensions – 82(h) x 76(w) x 30(d) mm

Max 100°C Max 10 Bar

INST-AL030LC



## 15mm Straight Square Decorative Radiator Valves (Pair)

Finish – Polished Chrome  
Dimensions – 64(h) x 95(w) x 30(d) mm

Max 100°C Max 10 Bar

INST-AL031LC



## 15mm Corner Radiator Valves (Pair)

Finish – Polished Chrome  
Dimensions – 75(h) x 60(w) x 75(d) mm

Max 100°C Max 10 Bar

INST-AL029LC



## 15mm Dual Fuel Corner Radiator Valves (Pair)

Finish – Polished Chrome  
Dimensions – 71.8(h) x 64.3(w) x 68.5/48.3(d) mm

Max 100°C Max 10 Bar

INST-AL049LC



## 15mm Pipe Cover Set (Pair)

Finish – Polished Chrome  
Dimensions – 130(h) x 51(w) x 51(d) mm

Max 100°C Max 10 Bar

INST-AL033LC

**Guarantees**

**1** Year on Manual Radiator Valves

# Manual Radiator Valves



**15mm Angled Manual Radiator Valve**

Finish – Chrome / White  
Dimensions – 31(h) x 72(w) x 70(d) mm

Max 85°C Max 20 Bar

ER-15MMVAL



**10mm Angled Manual Radiator Valve**

Finish – Chrome / White  
Dimensions – 31(h) x 70(w) x 73(d) mm

Max 85°C Max 20 Bar

ER-10MMVAL



**15mm Straight Manual Radiator Valve**

Finish – Chrome / White  
Dimensions – 33(h) x 63(w) x 89(d) mm

Max 85°C Max 20 Bar

ER-15MMSVAL



**15mm Angled Manual Radiator Valve (Drain Off)**

Finish – Chrome / White  
Dimensions – 31(h) x 75(w) x 88(d) mm

Max 85°C Max 20 Bar

ER-15MMDOVAL



**10mm Angled Manual Radiator Valve (Drain Off)**

Finish – Chrome / White  
Dimensions – 32(h) x 82(w) x 82(d) mm

Max 85°C Max 20 Bar

ER-10MMDOVAL



**Radiator Drain Off Tail Piece**

Finish – Chrome  
Dimensions – 32(h) x 54(w) x 41(d) mm

Max 85°C Max 10 Bar

YU-JQAL213HC



**15mm Angled Lockshield Manual Radiator Valve**

Finish – Chrome / White  
Dimensions – 35(h) x 78(w) x 75(d) mm

Max 85°C Max 20 Bar

CEMMRV15



**10/8mm Angled Lockshield Manual Radiator Valve**

Finish – Chrome / White  
Dimensions – 35(h) x 78(w) x 69(d) mm

Max 85°C Max 20 Bar

CEMMRV10-8



**Demountable 10mm Push Fit Elbow (Pair)**

Finish – Chrome  
Dimensions – 22(h) x 47(w) x 65(d) mm

Max 5-100°C Max 10 Bar

459004



**15mm Angled Lockshield Manual Radiator Valve (Drain Off)**

Finish – Chrome / White  
Dimensions – 29(h) x 85(w) x 91(d) mm

Max 85°C Max 20 Bar

CEMDRN15



**10/8mm Angled Lockshield Manual Radiator Valve (Drain Off)**

Finish – Chrome / White  
Dimensions – 29(h) x 85(w) x 91(d) mm

Max 85°C Max 20 Bar

CEMDRN10-8



# Consumables

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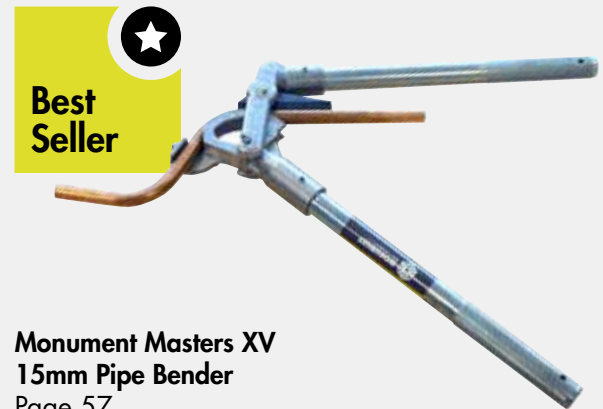
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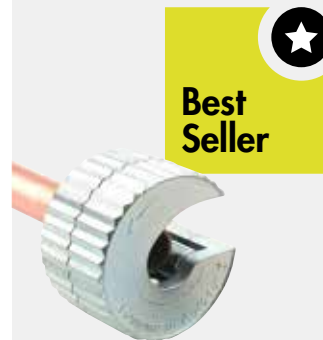
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## Our frequently ordered Consumable products...



**Best Seller**

**Monument Masters XV  
15mm Pipe Bender**  
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**Best Seller**

**15mm Autocut®  
Copper Pipe Cutter**  
Page 48



**15mm Drain  
Down Hose**  
Page 54



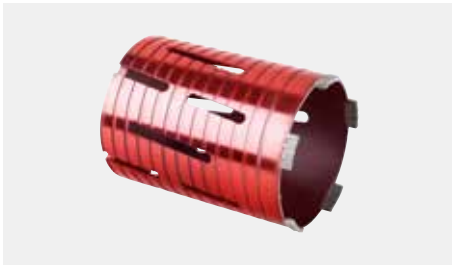
**200mm (8") Wide Jaw  
Adjustable Wrench**  
38mm Cap  
Page 55



**Omat® 250mm (10")  
Soldering + Brazing  
Pad**  
Page 46



# Core Drills



## Professional Dry Core Drill

Quantity – 1

CS038	38mm
CS052	52mm
CS065	65mm
CS107	107mm
CS117	117mm
CS127	127mm
CS152	152mm



## CS5 Professional 5 Piece Core Case

Quantity – 1

(Includes 1 x 38, 52, 65, 117, 127mm core drills and accessories)

Dimensions – 160(h) x 540(w) x 340(d) mm

Everything you need to get started with dry core drilling in a sturdy, aluminium case.

CS5



## Spectrum Hex Adaptor Pack

Quantity – 1 x JX01, JB09 + JB05

JX03



## CD5 5 Piece Core Case

Quantity – 1

(Includes 1 x 38, 52, 65, 117, 127mm core drills and accessories)

Dimensions – 152(h) x 530(w) x 330(d) mm

General purpose high quality diamond core drills.

CD5



## Spectrum Hex A Taper Drill Adaptor Pack

Quantity – 1 x JX01, JB13 + JB05

JX03-13



## Spectrum SDS Adaptor Pack (Adaptor, Guide, Drift)

Quantity – 1 x JS01, JB09 + JB05

JS03



## Spectrum SDS A Taper Drill Adaptor Pack (Adaptor, Drill, Drift)

Quantity – 1 x JS01, JB13 + JB05

JS03-13

# Pipe Clips



## 11, 16, 22, 28mm Nail Clip

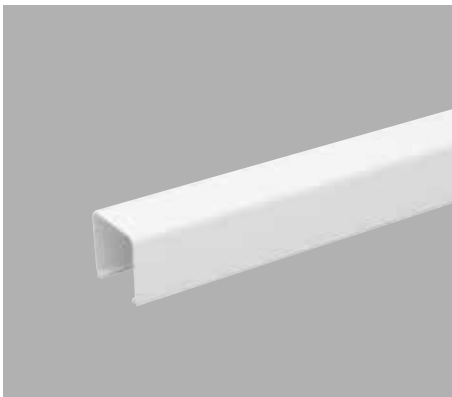
Colour – White

Quantity –

100 Pack (INSTC207, INSTM100, INSTM102)

50 Pack (INSTM103)

<b>INSTC207</b>	11mm
<b>INSTM100</b>	16mm
<b>INSTM102</b>	22mm
<b>INSTM103</b>	28mm

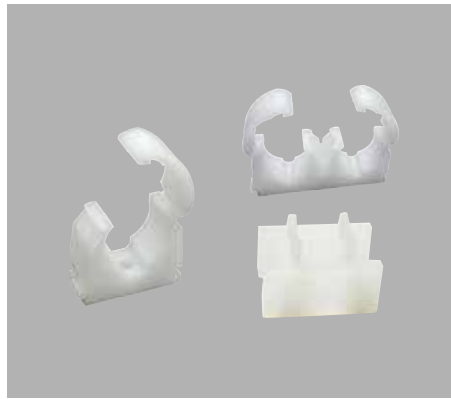


## 10, 15, 22, 28mm Clip Link Trunking

Colour – White

Quantity – 12 Pack

Single	
<b>T600</b>	15mm
<b>T601</b>	22mm
<b>T602</b>	28mm
Double	
<b>T603</b>	10mm
<b>INSTT604</b>	15mm
<b>INSTT605</b>	22mm



## 10, 15, 22, 28mm Hinged Clip

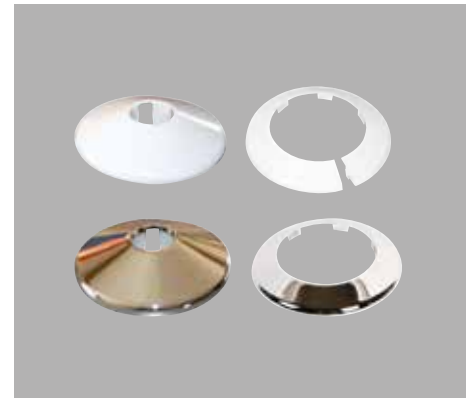
Colour – Translucent

Quantity –

100 Pack (P616, INSTP610, INSTP611, INSTP615)

50 Pack (INSTP612, P617, INSTP613, INSTP614)

Single	
<b>P616</b>	10mm
<b>INSTP610</b>	15mm
<b>INSTP611</b>	22mm
<b>INSTP612</b>	28mm
Double	
<b>P617</b>	10mm
<b>INSTP613</b>	15mm
<b>INSTP614</b>	22mm
<b>INSTP615</b>	Spacer Blocker



## 10, 15, 22, 28, 35, 42, 110mm Collar Clip

Colour – White or Chrome

Quantity –

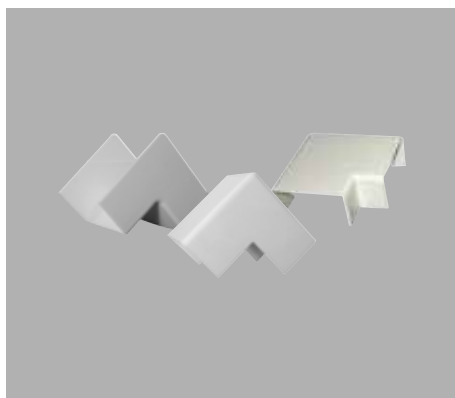
25 Pack (P310, P311, P312, P313, P314, P315, P322)

5 Pack (P316, P317, P319, P320)

1 Pack (P318, P321)

White	
<b>P310</b>	10mm
<b>P311</b>	15mm
<b>P312</b>	22mm
<b>P322</b>	28mm
<b>P319</b>	35mm
<b>P320</b>	42mm
<b>P321</b>	110mm
Chrome	
<b>P313</b>	10mm
<b>P314</b>	15mm
<b>P315</b>	22mm
<b>P316</b>	35mm
<b>P317</b>	42mm
<b>P318</b>	110mm

# Trunking Accessories



## 10, 15, 22mm Corner Clips

Colour – White

Quantity –

10 Pack (T611, T612, T614, T615, T617, T618)

2 Pack (T610, T613, T616)

Inner Corner	
T610	10mm
T611	15mm
T612	22mm

Outer Corner	
T613	10mm
T614	15mm
T615	22mm

Flat Corner	
T616	10mm
T617	15mm
T618	22mm



## 15, 22mm T Connectors

Colour – White

Quantity – 1 Pack

T634	15mm
T635	22mm



## 10, 15, 22mm Straight Connector Clips

Colour – White

Quantity –

10 Pack (T620, T621)

2 Pack (T619)

T619	10mm
T620	15mm
T621	22mm



## 10, 15, 22, 28mm Stop End Clips

Colour – White

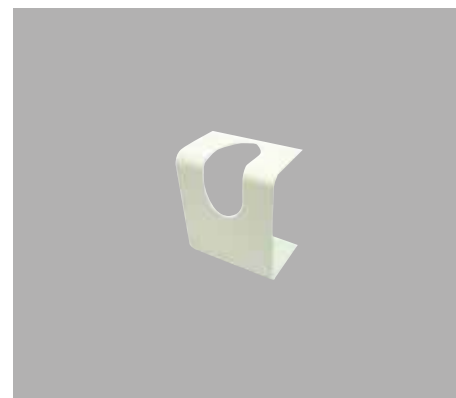
Quantity –

10 Pack (T622, T623, T624, T626, T627)

2 Pack (T625)

Single	
T622	15mm
T623	22mm
T624	28mm

Double	
T625	10mm
T626	15mm
T627	22mm



## 15, 22mm Access Clips

Colour – White

Quantity – 10 Pack

Top Access	
T628	15mm
T629	22mm

Side Access	
T630	15mm
T631	22mm



## 20, 70mm Vent Plugs

Colour – White

Quantity – 10 Pack

T632	20mm
T633	70mm



## 10mm Swept Bend

Colour – White

Quantity – 1 Pack

T636	10mm
------	------

# Plumbing Tools

Guarantees

**1** Year  
on Plumbing Tools

## Soldering + Brazing

### Omat® Soldering + Brazing Pad

Quantity – 1

Dimensions –

240(h) x 240(w) x 5(d) mm (INST2361)

155(h) x 155(w) x 5(d) mm (INST2363)

#### 250mm (10") Soldering + Brazing Pad

The INST2361 OMAT® is a patented, slotted protection mat for soldering pipes and tubes to protect walls, cables, carpets and other flammable material. The OMAT® slot has an overlap at the back which enables the protective mat to go either side of the tube or pipe being soldered so as to protect the surrounding area from burning or scorching as well as reducing the risk of fire. It is particularly useful under kitchen units and on pipes perpendicular to the wall where the use of a non-slotted mat would not easily cover the area. The OMAT® is designed for use on pipes and tubes 15 to 22mm diameter.

#### 150mm (6") Soldering + Brazing Pad

A patented, slotted protection mat or pad for soldering and brazing 15mm and 22mm copper tube and pipe. The size of the mat is 150mm x 150mm (6" x 6") for use in really awkward places where the larger sizes of Omat® would obstruct easy access of the soldering torch. It is designed to protect walls, cables, carpets and other flammable material surrounding a pipe being soldered/brazed. The slot in the Monument 2363L Micro Omat® has an overlap at the back which enables the protective mat to go either side of the tube or pipe being soldered/brazed so as to protect the surrounding area from burning or scorching, as well as reducing the risk of fire. It is particularly useful under kitchen units and on pipes perpendicular to the wall where the use of a non-slotted mat would provide inadequate cover of the area to prevent damage.

**INST2361** Omat® 250mm (10") Soldering + Brazing Pad

**INST2363** Omat® 150mm (6") Soldering + Brazing Pad


### 300mm (12") Soldering + Brazing Pad

Quantity – 1 of Each

Dimensions – 310(h) x 310(w) x 10(d) mm

**INST2350**

### Flux Brushes

Quantity – Pack of 5

Dimensions – 200(h) x 10(w) x 10(d) mm

**INST3015-1**

### Flux Brushes

Quantity – Pack of 10

Dimensions – 200(h) x 10(w) x 10(d) mm

**INST3015-10**

**Guarantees**

**1** Year  
on Plumbing Tools

# Plumbing Tools

## Copper Pipe Cutting + Bending



### 15mm + 22mm Copper Pipe Bender (Guides)

Quantity – 1  
Dimensions – 700(h) x 135(w) x 155(d) mm

The INST2600 15mm and 22mm Copper Pipe Bender is designed to professionally bend BSEN1057 15mm and 22mm copper pipe and 15mm stainless steel tube. The aluminium formers are marked with bending angles of 30, 45 and 90 degree offsets allowing for accurate bending. The Instinct Pro Pipe Bender is supplied with replaceable 15mm and 22mm aluminium bending guides.

INST2600



### Size 3mm-22mm Copper Pipe Cutter

Quantity – 1  
Dimensions – 45(h) x 70(w) x 30(d) mm

INST0264



### Size 4mm-28mm Copper Pipe Cutter

Quantity – 1  
Dimensions – 185(h) x 55(w) x 30(d) mm

INST0265



### Size2A 12mm-43mm Copper Pipe Cutter

Quantity – 1  
Dimensions – 220(h) x 65(w) x 40(d) mm

INST0266



### 15mm Copper Pipe Bender Guide

Quantity – 1  
Dimensions – 165(h) x 20(w) x 15(d) mm

INST2601



### 22mm Copper Pipe Bender Guide

Quantity – 1  
Dimensions – 230(h) x 22(w) x 25(d) mm

INST2603



### Spare Wheel (Size 0-1-2A Copper Pipe Cutters)

Quantity – Pack of 2  
Dimensions – 40(h) x 55(w) x 4(d) mm

INST0273



# Plumbing Tools

Guarantees

**1** Year  
on Plumbing Tools

## Copper Pipe Cutting



### 10mm Copper Pipe Cutter

Quantity – 1  
Dimensions – 45(h) x 45(w) x 30(d) mm

INST1810N



### 15mm Autocut® Copper Pipe Cutter

Quantity – 1  
Dimensions – 50(h) x 50(w) x 30(d) mm

INST1715



### 22mm Autocut® Copper Pipe Cutter

Quantity – 1  
Dimensions – 58(h) x 58(w) x 30(d) mm

INST1722



### 28mm Autocut® Copper Pipe Cutter

Quantity – 1  
Dimensions – 65(h) x 65(w) x 30(d) mm

INST1728



### Spare Wheels (Autocut® + Pipeslice®)

Quantity – Pack of 2  
Dimensions – 35(h) x 40(w) x 30(d) mm

INST0269



### 15mm + 22mm Autocut® Copper Pipe Cutter

Quantity – 1  
Dimensions – 55(h) x 55(w) x 40(d) mm

INST17151722

### 15mm + 22mm Autocut® Copper Pipe Cutters (Restricted Access Handles)

Quantity – Pack of 2  
Dimensions – 170(h) x 70(w) x 30(d) mm

The Restricted Access Handles are designed as an aid for rotating the INST1715 + INST1722 in confined spaces where the users' hands will not fit. Made from bright zinc plated steel the handles engage in the outer casing of the INST1715 + INST1722. They are designed to be easily slipped on and off of the cutter body from either side of the pipe cutter, even when it is engaged on the pipe to be cut.



INST1739

**Guarantees**

**1** Year on Plumbing Tools

# Plumbing Tools

## Cleaning + Deburring



**15mm + 22mm Copper Pipe + Fitting Brush**

Quantity – 1  
Dimensions – 195(h) x 45(w) x 30(d) mm

**INST3033**



**Deburring Tool**

Quantity – 1  
Dimensions – 143(h) x 15(w) x 10(d) mm

**INST3020**



**Cleaning Abrasive Strips**

Quantity – 10 Pack (INST3024), Twinpack (INST3024-6)  
Dimensions – 255(h) x 40(w) x 10(d) mm (INST3024)  
140(h) x 60(w) x 40(d) mm (INST3024-6)

**INST3024** Cleaning Abrasive Strips

**INST3024-6** 3m Rolls of Cleaning Abrasive Strips



**6-28mm Plastic Pipe Cutter**

Quantity – 1  
Dimensions – 195(h) x 70(w) x 20(d) mm

**INST2644**



**Burrfect Square Plastic Waste Pipe Deburrer**

Quantity – 1  
Dimensions – 80(h) x 80(w) x 3(d) mm

**INST2116**



**20-42mm Plastic Pipe Cutter**

Quantity – 1  
Dimensions – 220(h) x 125(w) x 25(d) mm

**INST2645**



**15mm + 22mm Autocut® (Plastic Pipe Cutter)**

Quantity – 1  
Dimensions – 75(h) x 75(w) x 40(d) mm (INST0115)  
70(h) x 70(w) x 40(d) mm (INST0122)

**INST0115** 15mm

**INST0122** 22mm

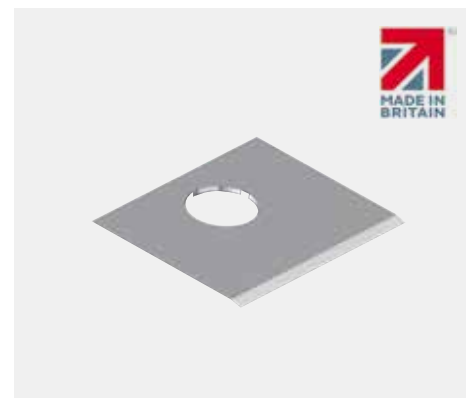


**1¼" + 1½" Autocut® (Plastic Waste Pipe Cutter)**

Quantity – 1  
Dimensions – 70(h) x 70(w) x 50(d) mm (INST1114)  
70(h) x 70(w) x 55(d) mm (INST1112)

**INST1114** 1¼"

**INST1112** 1½"



**Spare Blades for Autocut® (Plastic Pipe Cutter)**

Quantity – Pack of 5  
Dimensions – 50(h) x 50(w) x 5(d) mm

**INST0100**

# Plumbing Tools

Guarantees

**1** Year  
on Plumbing Tools

## Sawing + Cutting

### 300mm (12") Hacksaw

Quantity – 1

Dimensions – 440(h) x 140(w) x 20(d) mm

The INST1921 300mm (12") Hacksaw has a die-cast aluminium handle and square section tubular steel frame, which combine to give a lightweight hacksaw with great tensile strength. Adjusts to give 45° angle for flush cutting.



INST1921D



### Junior Hacksaw

Quantity – 1

Dimensions – 245(h) x 75(w) x 10(d) mm

INST2000

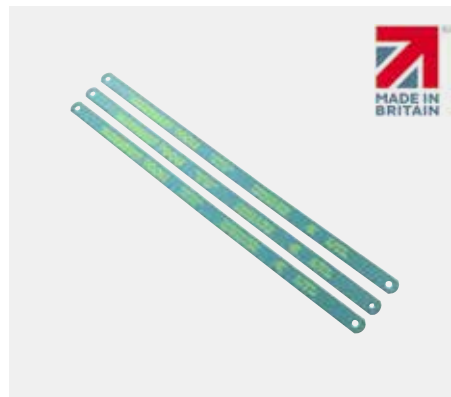


### Folding Knife

Quantity – 1

Dimensions – 75(h) x 55(w) x 10(d) mm

INST1023



### 300mm (12") Hacksaw Blades

Quantity – Pack of 3

Dimensions – 310(h) x 40(w) x 3(d) mm

INST1923



### Spare Blade (Junior Hacksaw)

Quantity – Pack of 10

Dimensions – 160(h) x 35(w) x 10(d) mm

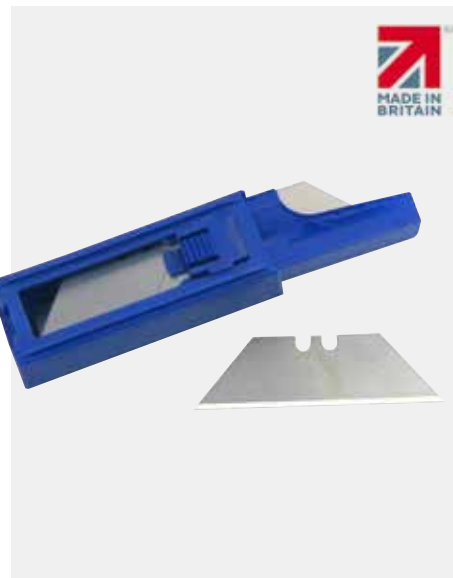
INST1120

### Standard Trapezoidal Knife Blades

Quantity – Pack of 10

Dimensions – 65(h) x 65(w) x 20(d) mm

The INST1024 Pack of Ten Standard Trapezoidal Knife Blades. Trimming knife blades are suitable for the trade trimming knife. Supplied in a dispenser.



INST1024



### Six Flat Bits

Quantity – Pack of 6

Dimensions – 155(h) x 50(w) x 20(d) mm

INST1950

**Guarantees**

**1** Year  
on Plumbing Tools

# Plumbing Tools

## Radiators



**Universal Radiator Valve Spanner**

Quantity – 1  
Dimensions – 110(h) x 40(w) x 20(d) mm

INST2052



**Radiator Step Wrench + Ratchet**

Quantity – 1  
Dimensions – 275(h) x 45(w) x 30(d) mm

INST2048



**1/2, 3/4 + 1" Lockshield Radiator Valve Key**

Quantity – 1  
Dimensions – 85(h) x 85(w) x 20(d) mm

INST2056



**Four-Way Multipurpose Key**

Quantity – 1  
Dimensions – 75(h) x 75(w) x 20(d) mm

INST2059



**TRV Tail Driver**

Quantity – 1  
Dimensions – 60(h) x 30(w) x 30(d) mm

INST2166



**Radiator Bleed Keys**

Quantity – 1  
Dimensions – 35(h) x 68(w) x 5(d) mm

INST2058



**Gas Meter + Radiator Bleed Key**

Quantity – 1  
Dimensions – 90(h) x 30(w) x 20(d) mm

INST2050



**3-in-1 and 4-in-1 Radiator Valve Spanners**

Quantity –  
Pack of 1 (INST2053 + INST2054)  
Pack of 2 (INST2055)  
Dimensions – 135(h) x 60(w) x 20(d) mm

INST2053 Radiator Valve Spanner 10mm Square + 5mm Balancing Tool

INST2054 Radiator Valve Spanner 12mm Hex., Air Release + 4mm Balancing Tool

INST2055 Twinpack

# Plumbing Tools

Guarantees

**1** Year  
on Plumbing Tools

## Taps + Stopcocks



### Contractors Telescopic Back Nut Wrench

Quantity – 1  
Dimensions – 280(h) x 150(w) x 30(d) mm

INST0781



### Domestic Mains Water Mini Stopcock Key

Quantity – 1  
Dimensions – 220(h) x 45(w) x 40(d) mm

INST0331



### Parallel Bush Tap Reseater (Three Cutters)

Quantity – 1  
Dimensions – 135(h) x 40(w) x 50(d) mm

INST0450



### 1050mm (42") Mains Water Tapered 1/2" + 3/4" Stopcock Key

Quantity – 1  
Dimensions – 1060(h) x 160(w) x 20(d) mm

INST0339



### Pro Adjustable Basin Wrench (Two Jaws)

Quantity – 1  
Dimensions – 255(h) x 90(w) x 80(d) mm

INST0345



### 27 x 32mm Tap Back Nut Box Spanner

Quantity – 1  
Dimensions – 157(h) x 40(w) x 40(d) mm

INST0319



### 45 x 50mm Waste Nut Box Spanner

Quantity – 1  
Dimensions – 200(h) x 60(w) x 50(d) mm

INST0308



### 8mm-13mm Monobloc Box Spanners

Quantity – Set of 3  
Dimensions – 185(h) x 45(w) x 20(d) mm

INST3240



### Malleable Cast Basin Back Nut Wrench

Quantity – 1  
Dimensions – 260(h) x 27(w) x 45(d) mm

INST0327



## Guarantees

**1** Year  
on Plumbing Tools

# Plumbing Tools

## Compression Fittings + Immersion Heaters



### Compression Fitting Nut Spanners

Quantity – Pack of 2  
Dimensions – 160(h) x 55(w) x 10(d) mm

INST2042



### Box Ring Immersion Heater Spanner

Quantity – 1  
Dimensions – 295(h) x 50(w) x 30(d) mm

INST0358



### Pro Cast Immersion Heater Spanner 86mm A/F

Quantity – 1  
Dimensions – 250(h) x 110(w) x 50(d) mm

INST0361



Additionally there is a power tool drive to make this indispensable tool even more useful!

**Just remember to have your drill set to drive not reverse.**

### 15mm + 22mm Compression Fitting Olive Puller

Quantity – 1  
Dimensions – 150(h) x 60(w) x 40(d) mm

The INST2036 works by engaging the tool in the end of the copper pipe and then winding the appropriate bush - 15mm and 22mm included - counter clockwise until it stops at the olive to be removed. The threaded bush is then screwed into the compression nut which is held captive on the pipe on the other side of the olive. Then by rotating the handle clockwise the compression fitting nut is drawn up the pipe and pulls the olive off the pipe without damaging it.

INST2036



### 22mm Compression Fitting Olive Cutter

Quantity – 1  
Dimensions – 192(h) x 55(w) x 25(d) mm

INST2031



### 15mm Compression Fitting Olive Cutter

Quantity – 1  
Dimensions – 195(h) x 55(w) x 20(d) mm

The INST2030 15mm and INST2031 22mm are designed to remove an olive from copper pipe without damage to the pipe and without producing swarf. The latest version includes replaceable, interchangeable and reversible tungsten carbide blades.

Not for use on steel olives.

INST2030

# Plumbing Tools

## Guarantees

**1** Year  
on Plumbing Tools

### Boilers, Flues + System Testing

#### 30mb Gas Test Gauge

Quantity – 1

Dimensions – 550(h) x 75(w) x 30(d) mm

The INST0257 30mb Gas Test Gauge is Made in Britain and is made from tough plastic. It is used both for testing pipework installations with air for leaks before the introduction of gas and for checking and setting correct gas pressures on domestic and commercial appliances. Extruded cover slides off and may be clipped over the base for standing the tool vertically during use. Hanging tab permits vertical hanging from suitable protrusions. Marked in millibars, the scale adjusts for zeroing the water level.



INST0257



#### Mains Water Pressure Test Gauge 11 Bar x 3/4" BSP

Quantity – 1

Dimensions – 285(h) x 55(w) x 40(d) mm

INST1510

#### Dry Test Kit 15mm x 4 Bar

Quantity – 1

Dimensions – 130(h) x 55(w) x 30(d) mm

The INST1512 Pipe Dry Testing Kit is ideal for dry testing pipe work during and after installation. It has an easy to read triple scale bar, psi and kPa and is suitable for water, air, gas and petroleum oil pipes up to 4 bar, and for testing combi systems. Can be left on test, while flooring is laid to reveal any nail damage also test hot and cold supplies separately to ensure pipes are not crossed. Fitted with a Schrader Valve and 15 mm push fit fitting for quick and easy assembly and has a rubber boot for added protection.



INST1512



#### Flue Brushes

Quantity – Pack of 3

Dimensions – 500(h) x 120(w) x 55(d) mm

INST3014



#### 15mm + 22mm Pipe End Plugs

Quantity – 1 of Each

Dimensions – 65(h) x 65(w) x 20(d) mm

INST1368



#### 15m Drain Down Hose

Quantity – 1

Dimensions – 280(h) x 240(w) x 175(d) mm

INST2404



#### 2m Spare Gas Test Gauge Hose (LPG)

Quantity – 1

Dimensions – 260(h) x 40(w) x 30(d) mm

INST1731

Guarantees

**1** Year  
on Plumbing Tools

# Plumbing Tools

## Wrenches + Spanners



**150mm (6") Wide Jaw Adjustable Wrench 34mm Cap**

Quantity – 1  
Dimensions – 165(h) x 65(w) x 15(d) mm

INST3140



**200mm (8") Wide Jaw Adjustable Wrench 38mm Cap**

Quantity – 1  
Dimensions – 210(h) x 70(w) x 10(d) mm

INST3141



**250mm (10") Wide Jaw Adjustable Wrench 50mm Cap**

Quantity – 1  
Dimensions – 290(h) x 95(w) x 20(d) mm

INST3143



**Mongoose 175mm (7") One Handed Slip Joint Pliers**

Quantity – 1  
Dimensions – 180(h) x 45(w) x 20(d) mm

INST2071



**Mongoose 250mm (10") One Handed Slip Joint Pliers**

Quantity – 1  
Dimensions – 245(h) x 50(w) x 20(d) mm

INST2072



**Mongoose 300mm (12") One Handed Slip Joint Pliers**

Quantity – 1  
Dimensions – 300(h) x 55(w) x 20(d) mm

INST2073



**150mm (6") Thin Jaw Adjustable Wrench**

Quantity – 1  
Dimensions – 165(h) x 65(w) x 20(d) mm

INST4140



**200mm (8") Thin Jaw Adjustable Wrench**

Quantity – 1  
Dimensions – 210(h) x 70(w) x 20(d) mm

INST4141



**6" + 8" Thin Jaw Adjustable Wrenches**

Quantity – 1  
Dimensions – 210(h) x 70(w) x 40(d) mm

INST41499

# Plumbing Tools

Guarantees

**1** Year on Plumbing Tools

## Roofing + Measuring



### Tape Measure (Backing Card)

Quantity – 1  
Dimensions – 150(h) x 85(w) x 35(d) mm

INST196155 5m

INST196258 8m



### Screwdriver

Quantity – 1  
Dimensions – 410(h) x 30(w) x 40(d) mm

INST1518 450mm (18") Flat Head Screwdriver

INST1517 300mm (12") No.2 Phillips Screwdriver



### Beech Sheet Lead Dresser

Quantity – 1  
Dimensions – 325(h) x 50(w) x 50(d) mm

INST0734 No2

INST0735 No3

## Toilets, Manholes + Drains



### 20ft Drain Cleaner

Quantity – 1  
Dimensions – 285(h) x 285(w) x 185(d) mm

INST3310



### D-End Manhole Lifting Keys

Quantity – 1 x Set of Keys  
Dimensions – 105(h) x 125(w) x 30(d) mm

INST1010



### Handy Plunger

Quantity – 1  
Dimensions – 320(h) x 125(w) x 90(d) mm

INST1460



### Toilet Plunger

Quantity – 1  
Dimensions – 620(h) x 125(w) x 130(d) mm

INSTM1600

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**Guarantees**

**1** Year on Monument Masters Tools

# Plumbing Tools

**Monument Masters SweatBOX®**

The SweatBOX® is the ultimate plumbers soldering tray. The SweatBOX® features a flame retardant engineering grade plastic with a patented clamp for holding different sizing of copper pipe up to 22mm or ¾".

There is a silicone strip edge to the Sweatbox ensuring heat is not conducted from the hot copper pipe to the plastic of the Sweatbox or the clients property. Adhesive rubber feet are included, helping to prevent scratches to surfaces. The sealed compartments are ideal for holding a gas bottle, separated blowtorch and all the essentials needed for soldering or sweating a joint. There's even a compartment for flux brushes.

Finish – Yellow  
Dimensions – 435(h) x 330(w) x 240(d) mm



Take a closer look at the SweatBOX® features video



MAST20201L

**Monument Masters XV 15mm Pipe Bender  
Monument Masters XXII Extended 22mm Bender**

The Monument Masters XV Copper Pipe Bender is a single sized pipe bender for 15mm copper pipe (0.7mm wall).

Quantity – 1  
Dimensions – 470(h) x 190(w) x 65(d) mm

Less fiddly – with the integrated hook and nylon guide, the integrated hook stop won't flop from side to side and the guide(s) won't fall out

Lighter in the hand than a combi – the XV weighs 1.5kg. The Monument combi weighs more than 4kg

Less cumbersome – you are only using a bender for the size of pipe being bent

Better sight lines – as the bend is in the same plane as the arms of the bender it is easier to line up by eye

Smaller than a combi – the XV has an arm length of 40cm approx. (a combi arm length is 65cm). The XV even fits in a tool bag

- 1215K Monument Masters XV 15mm Pipe Bender
- 1322EXTENDED Monument Masters XXII Extended 22mm Bender



**Best Seller**



# Pre-Packed Fittings

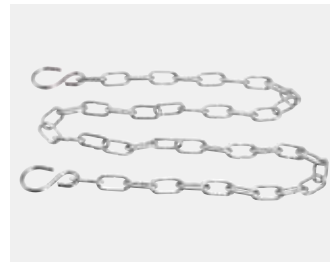
**Guarantees**
**1** Year  
on Pre-Packed Fittings

**12" Oval Link Chain (Chrome) (Stay)**

Quantity – 1  
Dimensions – 340(h) x 60(w) x 2(d) mm  
**200082-INS**


**18" Bath Ball Chain (Chrome) (S Hook CP)**

Quantity – 1  
Dimensions – 458(h) x 3(w) x 3(d) mm  
**200111-INS**


**18" Oval Link Chain (Chrome) (S Hooks)**

Quantity – 1  
Dimensions – 470(h) x 2(w) x 6(d) mm  
**200128-INS**


**12" Basin Ball Chain (Chrome) (Metal Stay CP)**

Quantity – 1  
Dimensions – 300(h) x 2(w) x 23(d) mm  
**200147-INS**


**O Rings (Basin + Bath Plugs)**

Quantity – 1 (5 x Basin + 5 x Bath)  
Dimensions – 325(h) x 2(w) x 2(d) mm  
**200666-INS**


**Brass Basin Plug (Chrome) (Triangle)**

Quantity – 1  
Dimensions – 13(h) x 38(w) x 38(d) mm  
**200716-INS**


**Brass Bath Plug (Chrome) (Triangle)**

Quantity – 1  
Dimensions – 14(h) x 43(w) x 43(d) mm  
**200739-INS**


**Basin Poly Plug (Black) (12" Ball Chain + Stay)**

Quantity – 1  
Dimensions – 80(h) x 60(w) x 14(d) mm  
**200764-INS**


**1 1/2" Poly Plug (Black) (Triangle)**

Quantity – 2  
Dimensions – 15(h) x 38(w) x 38(d) mm  
**200833-INS**


**1 3/4" Poly Plug (Black) (Triangle)**

Quantity – 2  
Dimensions – 15(h) x 45(w) x 45(d) mm  
**200837-INS**


**1 1/2" + 1 3/4" Poly Plug Kit (Black)**

Quantity – 1 (1 of each Plug)  
Dimensions – 15(h) x 90(w) x 120(d) mm  
**200839-INS**


**1 1/2" Plastic Basin Plug (White)**

Quantity – 2  
Dimensions – 21(h) x 38(w) x 38(d) mm  
**200842-INS**


**1 3/4" Bath Plastic Plug (White)**

Quantity – 2  
Dimensions – 21(h) x 43(w) x 43(d) mm  
**200844-INS**


**1 1/2" Pop Up Plug Only (Chrome)**

Quantity – 1  
Dimensions – 72(h) x 40(w) x 40(d) mm  
**200867-INS**


**Tap Hole Stopper Abs (Chrome)**

Quantity – 1  
Dimensions – 32(h) x 50(w) x 50(d) mm  
**201051-INS**


**Domed Chain Hole Stopper (Chrome)**

Quantity – 1  
Dimensions – 41(h) x 13(w) x 13(d) mm  
**201052-INS**

**Guarantees**

**1** Year  
on Pre-Packed Fittings

# Pre-Packed Fittings



**Rubber Washer  
(Sink Waste)**

Quantity – 5  
Dimensions – 1.5(h) x 84(w) x 84(d) mm  
**201230-INS**



**Rubber Washer  
(Basin Waste)**

Quantity – 5  
Dimensions – 1.5(h) x 60(w) x 60(d) mm  
**201231-INS**



**Rubber Washer  
(Bath Waste)**

Quantity – 5  
Dimensions – 3(h) x 62(w) x 62(d) mm  
**201233-INS**



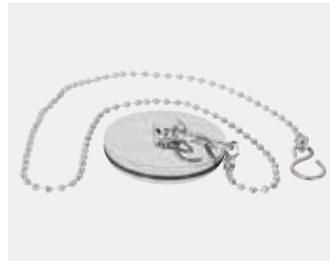
**Seal Kit  
(Basin Waste)**

Quantity – 1  
Dimensions – 22(h) x 68(w) x 68(d) mm  
**201686-INS**



**Brass Basin Plug (Chrome)  
12" Ball Chain + Stay**

Quantity – 1  
Dimensions – 15(h) x 80(w) x 120(d) mm  
**201924-INS**



**Brass Bath Plug (Chrome)  
18" Ball Chain + S Hook**

Quantity – 1  
Dimensions – 16(h) x 80(w) x 120(d) mm  
**201925-INS**



**Tap Hole Stopper (White)**

Quantity – 1  
Dimensions – 32(h) x 50(w) x 50(d) mm  
**202118-INS**



**Bath Poly Plug (Black)  
(18" Ball Chain)**

Quantity – 1  
Dimensions – 15(h) x 60(w) x 80(d) mm  
**202255-INS**



**Contract Cistern Lever**

Quantity – 1  
Dimensions – 150(h) x 34(w) x 119(d) mm  
**202298-INS**



**Seal (Clicker Waste  
201753 201773)**

Quantity – 2  
Dimensions – 4(h) x 37(w) x 37(d) mm  
**202510-INS**



**O Ring (Basin Mushroom  
Clicker Waste 201314)**

Quantity – 2  
Dimensions – 4(h) x 40(w) x 40(d) mm  
**202515-INS**



**Rubber MT Cock Washer**

Quantity – 5  
Dimensions – 2(h) x 13(w) x 13(d) mm  
**303396-INS**



**Rubber Pump Gaskets**

Quantity – 2  
Dimensions – 3(h) x 43(w) x 43(d) mm  
**305431-INS**



**Cone Washer (Bottom  
Entry Float Valve Pre Pack)**

Quantity – 2  
Dimensions – 6(h) x 38(w) x 38(d) mm  
**306290-INS**



**Torbeck Valve Washers**

Quantity – 1  
Dimensions – 17(h) x 30(w) x 30(d) mm  
**306492-INS**



**Part 2 Ball Valve Washer**

Quantity – 5  
Dimensions – 6(h) x 32(w) x 32(d) mm  
**306730-INS**

# Pre-Packed Fittings

Guarantees

**1** Year on Pre-Packed Fittings



**1/2" Plastic Piston Pack**

Quantity – 2  
Dimensions – 32(h) x 16(w) x 16(d) mm

306810-INS



**1/2" HP Plastic Seat**

Quantity – 5  
Dimensions – 16(h) x 22(w) x 22(d) mm

306816-INS



**1/2" Red Fibre Seating Washer (Float Valve)**

Quantity – 5  
Dimensions – 1.5(h) x 22(w) x 22(d) mm

306832-INS



**1/2" Part 1 Cotter Pin**

Quantity – 5  
Dimensions – 34(h) x 7(w) x 3(d) mm

306850-INS



**5/8" Flat Tap Washer**

Quantity – 2  
Dimensions – 5(h) x 22(w) x 22(d) mm

306880-INS



**Dome Tap Washers**

Quantity – 2  
Dimensions –  
7(h) x 17(w) x 17(d) mm (306882-INS)  
10(h) x 23(w) x 23(d) mm (306884-INS)

306882-INS 1/2"

306884-INS 3/4"



**Delta Tap Washers**

Quantity – 5  
Dimensions –  
5(h) x 16(w) x 16(d) mm (306886-INS)  
5(h) x 18(w) x 18(d) mm (306888-INS)

306886-INS 1/2"

306888-INS 3/4"



**Pillar Tap Washer**

Quantity – 10  
Dimensions – 1.5(h) x 44(w) x 44(d) mm

306924-INS

**Vacca Washer Flat**

Quantity – 10  
Dimensions –  
5(h) x 16(w) x 16(d) mm (306940-INS)  
5(h) x 19(w) x 19(d) mm (306942-INS)  
5(h) x 22(w) x 22(d) mm (306944-INS)  
5(h) x 25(w) x 25(d) mm (306946-INS)

306940-INS 3/8"

306942-INS 1/2"

306944-INS 5/8"

306946-INS 3/4"



**Pegler Washer Flat**

Quantity – 5  
Dimensions –  
4(h) x 16(w) x 16(d) mm (306950-INS)  
4(h) x 18(w) x 18(d) mm (306952-INS)

306950-INS 1/2"

306952-INS 3/4"



**Straight Boiler Filling Loop**

Quantity – 1  
Dimensions – 500(h) x 39(w) x 24(d) mm

307413-INS



**1/2" Directional Air Vent (Chrome) + 1/2" Plug Kit**

Quantity – 1 of Each  
Dimensions – 19(h) x 24(w) x 24(d) mm

313580-INS



**Alloy Radiator Key**

Quantity – 2  
Dimensions – 30(h) x 34(w) x 9(d) mm

313704-INS



**Brass Radiator Key**

Quantity – 2  
Dimensions – 23(h) x 27(w) x 9(d) mm

313708-INS



**Brass Clock Radiator Key**

Quantity – 1  
Dimensions – 34(h) x 39(w) x 9(d) mm

313713-INS

**Guarantees**

**1** Year on Pre-Packed Fittings

# Pre-Packed Fittings



**15mm (Chrome) Snappit Cover 200mm**

Quantity – 10  
Dimensions – 30(h) x 15(w) x 19(d) mm

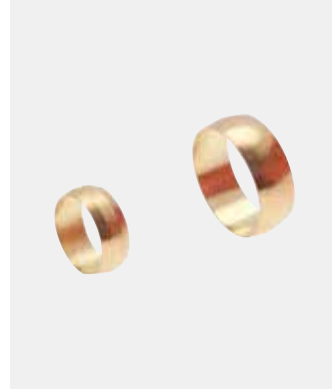
**317274-INS**



**Brass Olives**

Quantity –  
5 (324015-INS, 324019-INS, 324024-INS, 324032-INS, 324037-INS)  
10 (324028-INS)  
Dimensions –  
6(h) x 10(w) x 10(d) mm (324015-INS)  
6(h) x 12(w) x 12(d) mm (324019-INS)  
6(h) x 14(w) x 14(d) mm (324024-INS)  
6(h) x 17(w) x 17(d) mm (324028-INS)  
7(h) x 24(w) x 24(d) mm (324032-INS)  
8(h) x 30(w) x 30(d) mm (324037-INS)

<b>324015-INS</b>	8mm
<b>324019-INS</b>	10mm
<b>324024-INS</b>	12mm
<b>324028-INS</b>	15mm
<b>324032-INS</b>	22mm
<b>324037-INS</b>	28mm



**Copper Olives**

Quantity –  
5 (324122-INS, 324154-INS)  
10 (324118-INS, 324122-INS10)  
Dimensions –  
6(h) x 17(w) x 17(d) mm (324118-INS)  
7(h) x 24(w) x 24(d) mm (324122-INS)  
7(h) x 24(w) x 24(d) mm (324122-INS10)  
6(h) x 24(w) x 24(d) mm (324154-INS)

<b>324118-INS</b>	15mm
<b>324122-INS</b>	22mm
<b>324122-INS10</b>	22mm
<b>324154-INS</b>	¾"



**Flexible Tap Connector**

Quantity –  
1 (324636-INS)  
2 (324634-INS, 324643-INS, 324645-INS)  
Dimensions –  
317(h) x 26(w) x 26(d) mm (324634-INS)  
516(h) x 25(w) x 25(d) mm (324636-INS)  
315(h) x 29(w) x 29(d) mm (324643-INS)  
323(h) x 29(w) x 29(d) mm (324645-INS)

<b>324634-INS</b>	15mm x ½" Flexible Tap Connector – 30cm
<b>324636-INS</b>	15mm x ½" Flexible Tap Connector – 50cm
<b>324643-INS</b>	15mm x ¾" Flexible Tap Connector – 30cm
<b>324645-INS</b>	22mm x ¾" Flexible Tap Connector – 30cm



**Chrome Pipe Covers + Floor Plate**

Quantity – 2 of Each  
Dimensions – Please request

**317290-INS**



**Flexible Tap Connector (Iso Valve – 30cm)**

Quantity – 2  
Dimensions –  
315(h) x 26(w) x 26(d) mm (324652-INS)  
318(h) x 35(w) x 35(d) mm (324656-INS)

<b>324652-INS</b>	15mm x ½"
<b>324656-INS</b>	22mm x ¾"



**15mm Flexible Tap Connector – 30cm**

Quantity – 2  
Dimensions – 327(h) x 26(w) x 26(d) mm

**324665-INS**



**15mm x 10mm Flexible Tap Connector – 30cm**

Quantity – 2  
Dimensions – 400(h) x 75(w) x 24(d) mm

**324675-INS**



**15mm x 12mm Flexible Tap Connector – 30cm**

Quantity – 2  
Dimensions – 400(h) x 75(w) x 24(d) mm

**324679-INS**



**15mm Pushfit x ½" Flexible Tap – 30cm**

Quantity – 2  
Dimensions – 302(h) x 28(w) x 28(d) mm

**324705-INS**



**15mm Pushfit x ¾" Flexible Tap – 30cm**

Quantity – 2  
Dimensions – 300(h) x 36(w) x 36(d) mm

**324714-INS**



**15mm Pushfit Flexible Connector – 30cm**

Quantity – 2  
Dimensions – 340(h) x 28(w) x 28(d) mm

**324740-INS**



**15mm Pushfit x ½" Flexible Tap Connector (Iso Valve – 30cm)**

Quantity – 2  
Dimensions – 130(h) x 42(w) x 32(d) mm

**324720-INS**

# Pre-Packed Fittings

Guarantees

**1** Year on Pre-Packed Fittings



**1/2" Flexible Tap Fibre Washer**

Quantity – 2  
Dimensions – 2(h) x 20(w) x 20(d) mm

**324790-INS**



**3/4" Flexible Tap Rubber Washer**

Quantity – 2  
Dimensions – 2(h) x 24(w) x 24(d) mm

**324795-INS**



**1/2" BS5412 Brass Headwork (Pair)**

Quantity – 1  
Dimensions – 150(h) x 150(w) x 24(d) mm

**330135-INS**



**1/2" Ceramic Disc Headwork (Pair)**

Quantity – 1  
Dimensions – 150(h) x 150(w) x 24(d) mm

**330180-INS**



**Tap Washers**

Quantity – 4  
Dimensions –  
4(h) x 16(w) x 16(d) mm (330910-INS)  
5(h) x 19(w) x 19(d) mm (330915-INS)  
5(h) x 25(w) x 25(d) mm (330920-INS)

**330910-INS** 3/8"

**330915-INS** 1/2"

**330920-INS** 3/4"



**Universal Top Hat Washer**

Quantity – 1  
Dimensions – 12(h) x 50(w) x 50(d) mm

**330950-INS**



**Conical Trap Washers**

Quantity – 5  
Dimensions –  
8(h) x 44(w) x 44(d) mm (344260-INS)  
10(h) x 49(w) x 49(d) mm (340297-INS)

**344260-INS** 1. 1/4"

**340297-INS** 1. 1/2"



**Flat Trap Washers**

Quantity – 5  
Dimensions –  
2(h) x 39(w) x 39(d) mm (344215-INS)  
2(h) x 42(w) x 42(d) mm (344255-INS)

**344215-INS** 1. 1/4"

**344255-INS** 1. 1/2"



**Cistern Overflow Stopper (Chrome)**

Quantity – 1  
Dimensions – 40(h) x 37(w) x 34(d) mm

**344325-INS**



**Bottom Entry Overflow Pipe Angled**

Quantity – 1  
Dimensions – 277(h) x 42(w) x 42(d) mm

**344330-INS**



**1 1/2" Flush Pipe Sealing Ring**

Quantity – 3  
Dimensions – 9(h) x 47(w) x 47(d) mm

**344335-INS**



**Shower Hose Washers**

Quantity – 5  
Dimensions – 2(h) x 18(w) x 18(d) mm

**344405-INS**



**1/2" Diaphragm Washer (Siamp)**

Quantity – 1  
Dimensions – 15(h) x 27(w) x 27(d) mm

**345365-INS**



**Plastic Internal Flush Cone**

Quantity – 1  
Dimensions – 27(h) x 70(w) x 70(d) mm

**345400-INS**



**Universal Flush Pipe Connector External**

Quantity – 1  
Dimensions – 55(h) x 73(w) x 73(d) mm

**345405-INS**



**Rubber Internal Flush Cone**

Quantity – 1  
Dimensions – 26(h) x 53(w) x 59(d) mm

**345410-INS**



**Guarantees**

**1** Year  
on Pre-Packed Fittings

# Pre-Packed Fittings



**1 1/2" Compression Syphon Nut**

Quantity – 1  
Dimensions – 17(h) x 57(w) x 57(d) mm

**345420-INS**



**Oblong Syphon Washer**

Quantity – 5  
Dimensions – 1(h) x 86(w) x 86(d) mm

**345430-INS**



**Round Syphon Washer**

Quantity – 5  
Dimensions –  
1(h) x 114(w) x 114(d) mm (345433-INS)  
1(h) x 127(w) x 124(d) mm (345435-INS)

**345433-INS** 4.1/2"

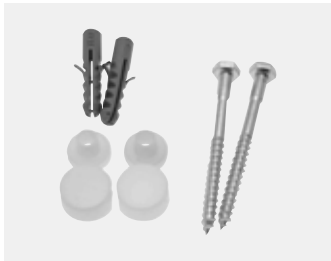
**345435-INS** 5"



**Syphon Bolt Kit Long + Washer**

Quantity – 1  
Dimensions – Please request

**345505-INS**



**Toilet Pan Screw Set**

Quantity – 1  
Dimensions – 120(h) x 180(w) x 31(d) mm

**345550-INS**



**Sanitary Fixing Kit 10 x 120**

Quantity – 1  
Dimensions – 120(h) x 180(w) x 31(d) mm

**345560-INS**



**Brass Adjustable Cistern Lift Arm**

Quantity – 1  
Dimensions – 102(h) x 29(w) x 15(d) mm

**345605-INS**



**Plastic Adjustable Cistern Lift Arm**

Quantity – 1  
Dimensions – 106(h) x 16(w) x 18(d) mm

**345610-INS**



**Cistern Handle Ceramic (Chrome)**

Quantity – 1  
Dimensions – 160(h) x 108(w) x 40(d) mm

**345617-INS**



**Metal Cistern Lever Kit (Chrome)**

Quantity – 1  
Dimensions – 150(h) x 170(w) x 37(d) mm

**345620-INS**



**Chrome Lever Kit 160mm Spindle**

Quantity – 1  
Dimensions – 150(h) x 250(w) x 41(d) mm

**345630-INS**



**E Type Finger Tip Front Cistern Lever**

Quantity – 1  
Dimensions – 180(h) x 150(w) x 40(d) mm

**345635-INS**



**Small Cistern C Link**

Quantity – 2  
Dimensions – 60(h) x 20(w) x 3(d) mm

**345650-INS**



**Large Cistern C Link**

Quantity – 2  
Dimensions – 110(h) x 20(w) x 3(d) mm

**345660-INS**



**C Link Pack (Small and Large Bag)**

Quantity – 1 of Each  
Dimensions – 180(h) x 105(w) x 3(d) mm

**345670-INS**



**Set of Toilet Seat Hinges (Black)**

Quantity – 1  
Dimensions – 320(h) x 80(w) x 31(d) mm

**345700-INS**

# Pre-Packed Fittings

## Guarantees

**1** Year  
on Pre-Packed Fittings



### Set of Toilet Seat Hinges (White)

Quantity – 1  
Dimensions – 320(h) x 80(w) x 31(d) mm

**345705-INS**



### Close Couple Cistern Kit

Quantity – 1  
Dimensions – 240(h) x 150(w) x 22(d) mm

**345750-INS**



### Donut Washer

Quantity – 1  
Dimensions – 20(h) x 100(w) x 100(d) mm

**345805-INS**



### Brass Cap

Quantity – 2  
Dimensions –  
13(h) x 26(w) x 26(d) mm (348616-INS)  
14(h) x 32(w) x 32(d) mm (348620-INS)

**348616-INS** 1/2"

**348620-INS** 3/4"



### Brass Backnut Heavy

Quantity – 2  
Dimensions –  
11(h) x 38(w) x 38(d) mm (348910-INS)  
11(h) x 44(w) x 44(d) mm (348917-INS)

**348910-INS** 1/2"

**348917-INS** 3/4"



### Blanking Nut + Washer

Quantity – 1  
Dimensions –  
120(h) x 88(w) x 14(d) mm (348985-INS)  
120(h) x 88(w) x 14(d) mm (348987-INS)

**348985-INS** 1/2"

**348987-INS** 3/4"



### 3' 6" Micropoint Hose

Quantity – 1  
Dimensions – 1066(h) x 36(w) x 25(d) mm

**352020-INS**



### 1/2" Micropoint Socket Straight

Quantity – 1  
Dimensions – 35(h) x 25(w) x 25(d) mm

**352070-INS**



### 4' Bayonet Cooker Hose

Quantity – 1  
Dimensions – 1122(h) x 34(w) x 34(d) mm

**352121-INS**



### 1/2" Bayonet Socket (Angled)

Quantity – 1  
Dimensions – 35(h) x 25(w) x 25(d) mm

**352144-INS**



### 1/8" Test Nipples

Quantity – 1  
Dimensions – 16(h) x 10(w) x 10(d) mm

**352505-INS**



### Cooker Safety Chain – 1m

Quantity – 1  
Dimensions – 100(h) x 1120(w) x 4(d) mm

**352600-INS**



### Cooker Rest Chain – 16" (BS6172 Kit)

Quantity – 1  
Dimensions – 120(h) x 80(w) x 15(d) mm

**352615-INS**



### Meter Box Key

Quantity – 1  
Dimensions – 53(h) x 40(w) x 14(d) mm

**352655-INS**

### Hose Clips

Quantity – 2  
Dimensions –  
12(h) x 33(w) x 23(d) mm (390620-INS)  
15(h) x 36(w) x 28(d) mm (390622-INS)  
15(h) x 39(w) x 31(d) mm (390624-INS)  
15(h) x 49(w) x 40(d) mm (390626-INS)

**390620-INS** Size 00 14mm-20mm

**390622-INS** Size 0 16mm-22mm

**390624-INS** Size OX 18mm-25mm

**390626-INS** Size 1 25mm-35mm



**Guarantees**

**1** Year on Pre-Packed Fittings

# Pre-Packed Fittings



**Copper Saddle Clips**

Quantity – 2  
Dimensions –  
10(h) x 41(w) x 16(d) mm (390710-INS)  
10(h) x 49(w) x 24(d) mm (390715-INS)

<b>390710-INS</b>	15mm
<b>390715-INS</b>	22mm



**Washing Machine Hose (Red)**

Quantity – 1  
Dimensions –  
1500(h) x 32(w) x 32(d) mm (392442-INS)  
2500(h) x 32(w) x 32(d) mm (392451-INS)

<b>392442-INS</b>	1.5mm
<b>392451-INS</b>	2.5mm



**Washing Machine Hose (Blue)**

Quantity – 1  
Dimensions –  
1500(h) x 32(w) x 32(d) mm (392446-INS)  
2500(h) x 32(w) x 32(d) mm (392455-INS)

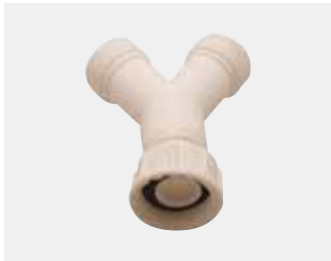
<b>392446-INS</b>	1.5mm
<b>392455-INS</b>	2.5mm



**2.5m Outlet Hose**

Quantity – 1  
Dimensions – 2500(h) x 34(w) x 34(d) mm

<b>392475-INS</b>
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**Washing Machine Y Piece**

Quantity – 1  
Dimensions – 80(h) x 69(w) x 32(d) mm

<b>392490-INS</b>
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**Washing Machine Hose Washer**

Quantity – 5  
Dimensions – 2(h) x 24(w) x 24(d) mm

<b>392495-INS</b>
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**Plumbing Out Kit**

Quantity – 1  
Dimensions – Please request

<b>392528-INS</b>
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**17mm Washing Machine Outlet Hose Joiner**

Quantity – 1  
Dimensions – 67(h) x 28(w) x 28(d) mm

<b>392530-INS</b>
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**Fibre Cap + Lining Washer**

Quantity – 10  
Dimensions –  
1.5(h) x 19(w) x 19(d) mm (394005-INS)  
1.5(h) x 24(w) x 24(d) mm (394010-INS)

<b>394005-INS</b>	1/2"
<b>394010-INS</b>	3/4"



**Plastic Washers**

Quantity –  
10 (394030-INS, 394035-INS)  
5 (394040-INS)  
Dimensions –  
1.5(h) x 38(w) x 38(d) mm (394030-INS)  
1.5(h) x 44(w) x 44(d) mm (394035-INS)  
1.5(h) x 59(w) x 59(d) mm (394040-INS)

<b>394030-INS</b>	1/2"
<b>394035-INS</b>	3/4"
<b>394040-INS</b>	1"



**1 1/4" Plastic Sink Washer**

Quantity – 5  
Dimensions – 1.5(h) x 57(w) x 57(d) mm

<b>394045-INS</b>
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**1 1/2" Plastic Washer**

Quantity – 2  
Dimensions – 1.5(h) x 86(w) x 86(d) mm

<b>394050-INS</b>
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**PTFE Tape 12mm x 12m Reel (WRAS)**

Quantity – 1  
Dimensions – 20(h) x 57(w) x 57(d) mm

<b>INST61427N</b>
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**Gas PTFE Tape 12mm x 5m Reel (WRAS)**

Quantity – 1  
Dimensions – 20(h) x 57(w) x 57(d) mm

<b>INST61425T</b>
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## Going green

We, as Instinct, have a responsibility to the environment. Our aim is to have 100% recycled packaging and continue to work with industry bodies to help customers use their water more efficiently, therefore reducing energy bills and ultimately carbon emissions.

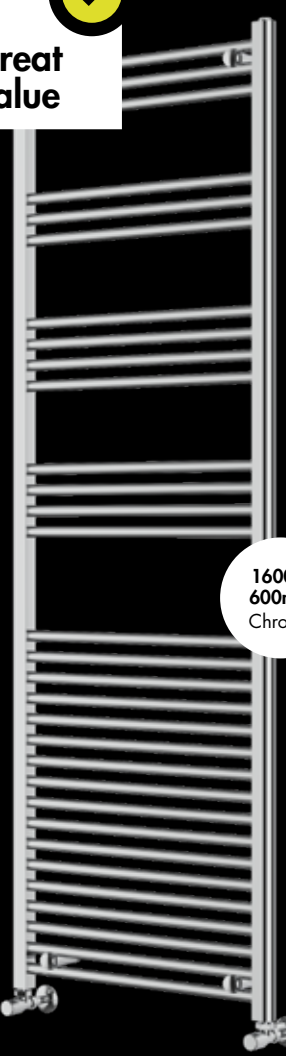
Where required our Instinct products are individually and legally tested to ensure compliance with CE and UKCA Marking. This not only covers material quality but also lifecycle, product impact testing, water integrity and traceability of manufacture.

When it comes to the paper used in the production of this brochure or the wood used in our Wall Panels and Furniture, we have sourced as many products as possible with an FSC® (Forest Stewardship Council®) label or PEFC (Programme for the Endorsement of Forest Certification) accreditation. The FSC® label guarantees that the product originated from managed forests, recycled paper or a combination of both. Products carrying the FSC® label are independently certified to assure that they come from forests that are managed to meet the social, economic and ecological needs of present and future generations.

As a brand, Instinct is committed to protecting the environment and is constantly exploring ways it can improve on this.

**Small steps, big change.**

# Heating solutions for domestic installations



**Great Value** ✓

1600 x 600mm  
Chrome

**Instinct 22mm Towel Rails**  
Page 20



**Easy To Install**

Compact cupboard fit

35

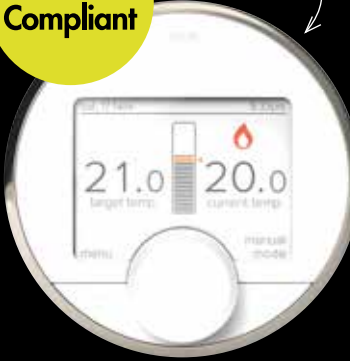
Easy access to all components

ideal INSTINCT²

**Ideal Instinct² 35 Combi Boiler**

**Boiler Plus Compliant**

**Ideal Instinct² Combi Boiler**  
Page 6



**Boiler Plus Compliant**

Backlit colour screen with large text and icons

21.0 target temp. 20.0 current temp.

**Ideal OpenTherm Wired Room Thermostat**  
Page 8



Standard Direct Cylinder

Slimline Indirect Cylinder

**Ideal Instinct Standard + Slimline Cylinders**  
Pages 12-13



**Slim Profile Design**

**Henrad Compact Radiators**  
Page 14



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