INSTINCT® | PRO

IO
YEARS
OF EXCELLENCE

Plumbing + Heating Collection
Spring 2023

Great Value

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INSTINCT®

There's so much to celebrate

For 10 years Instinct has delivered a comprehensive quality range of bathroom, plumbing and heating products sold exclusively by a select group of leading regional merchants & showrooms across the UK.

Ever since its inception the Instinct brand ethos has always remained true to its principles.

Deliver high-build quality products

Products to be well designed and engineered

Products to be styled by leading industry designers

Products to incorporate cutting-edge technology where possible

Products must represent good value

Products to be supported by all necessary regulatory requirements

Whether you are looking for something to complement your existing or new bathroom, the Instinct product portfolio will inspire a high-quality bespoke solution for you.

Now isn't that worth celebrating.

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

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Contents

We've got you covered

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

Designed for performance, quality and reliability

Our heating collection provides a selection of boilers, cylinders and peripheral components including compact radiators and towel rails available in a choice of finishes. Within our 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.

INSTINCT®

ideal
HEATING

Instinct Hot Water Cyclinders
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 five 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.

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® PRO

Heating

Heating

Our frequently ordered Heating products...

Three Model Options

Ideal Instinct² Boilers
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Ideal Heating Cylinders
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Multiple Sizes Available

Henrad Compact Radiators
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Heating Features

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

Manufactured in the UK	Compact Fit Design	kg 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	B ErP Rating	SLIM Slim Design
STEEL Manufactured from Steel	Tested 10 Bar Tested to Withstand 10 Bar Pressure				

ideal
HEATING

INSTINCT²

24 30 35 **Combi Boilers**

Compact cupboard fit

kg
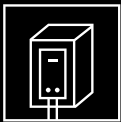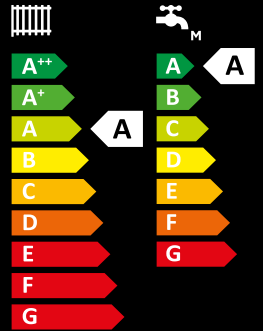
Low lift weight

OpenTherm ready

Easy to read pressure gauge

5 YEAR WARRANTY*

NOx class 6

Frost protection

Improved digital display

Energy efficiency ratings: A++ A+ A B C D E F G (heating: A); A B C D E F G (water: A M)

![ideal HEATING]

Boilers

Guarantees

| 5 | Years |
on Ideal Instinct² Combi Boilers

Ideal Instinct² Combi Boiler

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

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

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

Three Model Options

Ideal Instinct² 35 Combi Boiler

Boiler Plus Compliant
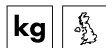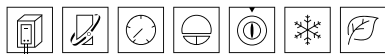
220481	Ideal Instinct² 24 Combi Boiler
220482	Ideal Instinct² 30 Combi Boiler
220483	Ideal Instinct² 35 Combi Boiler

Specification	Instinct² 24	Instinct² 30	Instinct² 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

Simple dial and button design

Backlit colour screen with large text and icons

Sat. 17 Nov   9.33pm

21.0
target temp

20.0
current temp

menu

manual mode

Compliments the mechanical timer

Boiler plus compliant

Wired power no batteries

Ideal OpenTherm Wired Room Thermostat

Specifically designed to work with the Instinct[2] 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[2] boiler is over 92% efficiency and has 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
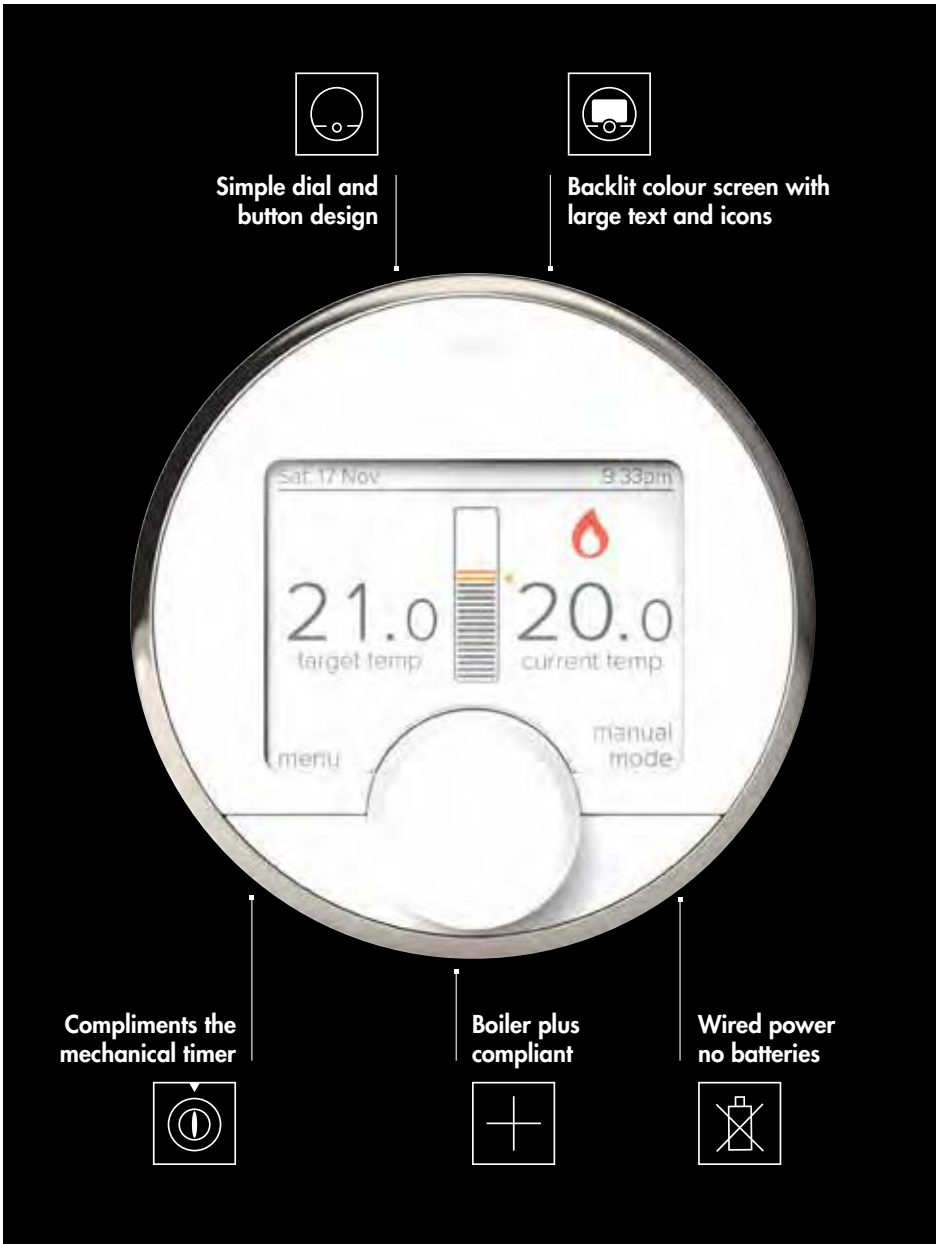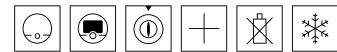Display – Backlit colour screen with large text and icons
Functionality – Easy temperature control
Compatibility – Compliments the mechanical timer
Accreditation – Boiler Plus compliant
Power Source – Wired power (no batteries) using the OpenTherm connection
Fixing – Trim plate included

221527	Ideal OpenTherm Wired Room Thermostat

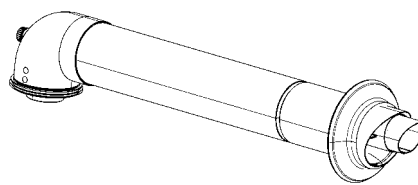| **Specification**	
Unit weight	0.096kg
Power source	OpenTherm (low voltage)
Communication protocol	OpenTherm
Install location	Wall mounted
Voltage	18 – 21V dc
Wire type	0.5-1.0mm diameter, multi-strand should be tinned
Boiler compatibility	Instinct[2]
ERP Class	V
WEEE	9

Flue & Access

Instinct[2] Weather Compensation Kit

Finish – White
Dimensions – 100(h) x 60(w) x 20(d) mm
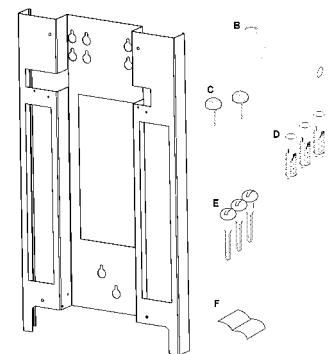
216119

Horizontal Flue Terminal for Instinct[2] Combi

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

208173

Instinct[2] Stand Off Kit

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

207668

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Heating

Condensate Pump

Guarantees

2 Years
on 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 (¼")
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)

IP20

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

Coming Soon

Stay up-to-date with all the latest news and product releases from Instinct Pro. Please like and subscribe to **@instinctproducts** on our selected social channels.

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
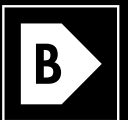

Mains pressure hot water

Manufactured in the UK

High quality fittings

Straight pipework for easy installation

B
B ErP rating up to 170L model

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

ideal HEATING

Heating

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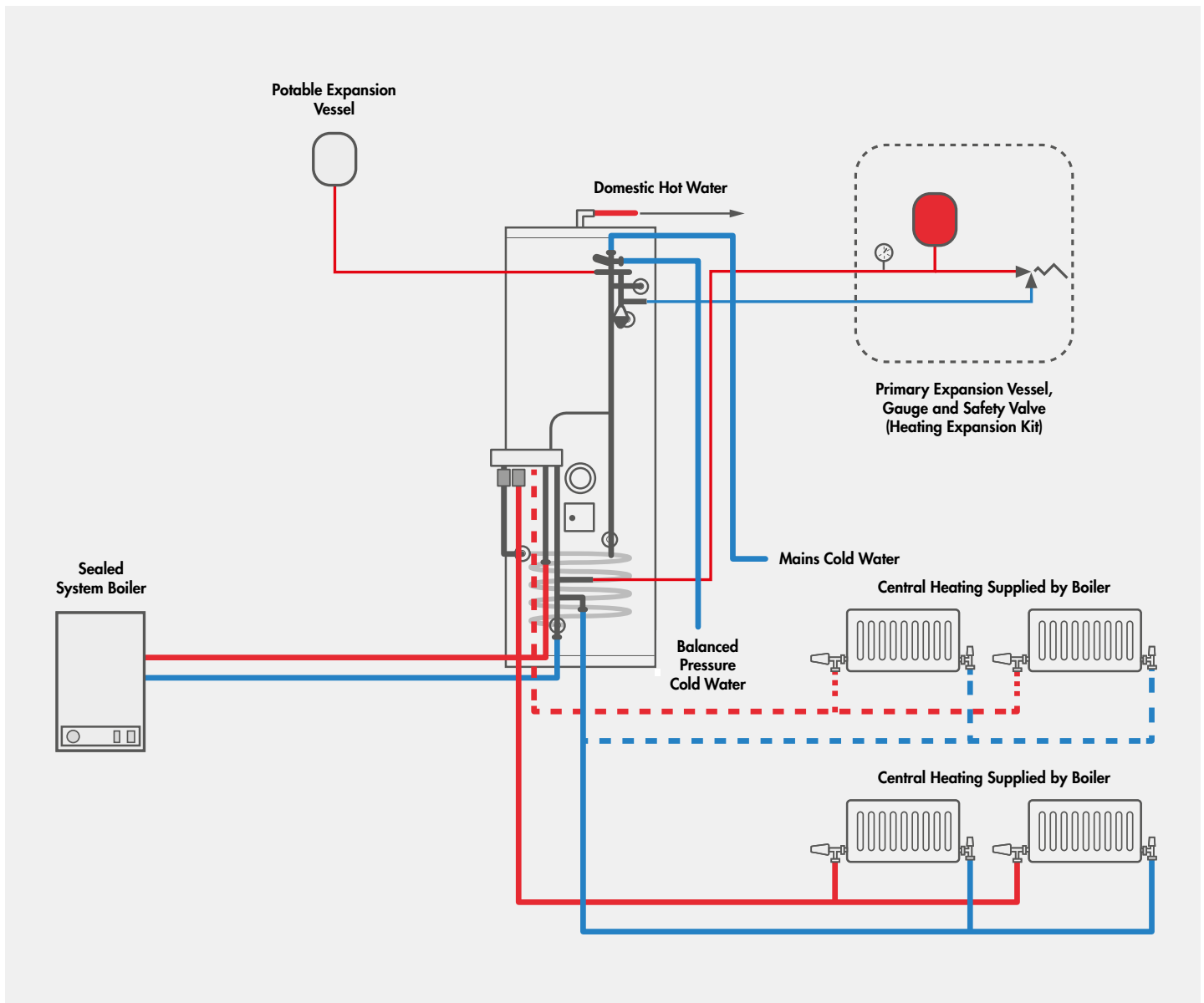
New pipe layout to suit smaller diameter cylinder to enable continuity of branding compared to PRO with wider diameter

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

Potable Expansion Vessel

Domestic Hot Water

Primary Expansion Vessel, Gauge and Safety Valve (Heating Expansion Kit)

Mains Cold Water

Sealed System Boiler

Balanced Pressure Cold Water

Central Heating Supplied by Boiler

Central Heating Supplied by Boiler

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

ideal
HEATING

Cylinders

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
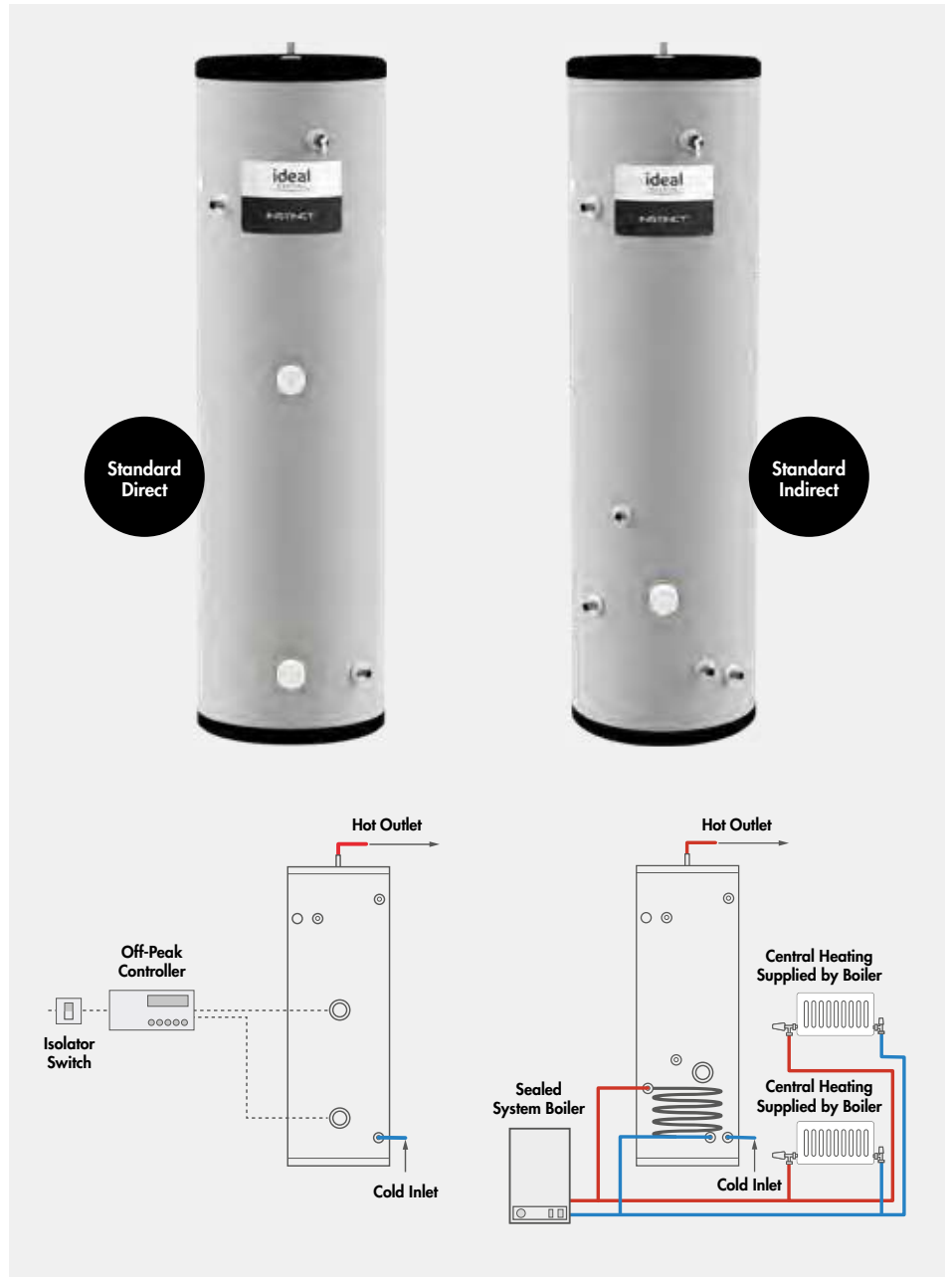Capacity – Available in sizes up to 300 Litres
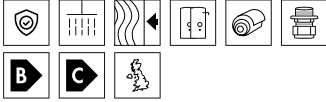
Standard Direct Cylinders

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

Standard Indirect

Hot Outlet

Off-Peak Controller

Isolator Switch

Cold Inlet

Hot Outlet

Central Heating Supplied by Boiler

Central Heating Supplied by Boiler

Sealed System Boiler

Cold Inlet

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

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

ideal HEATING
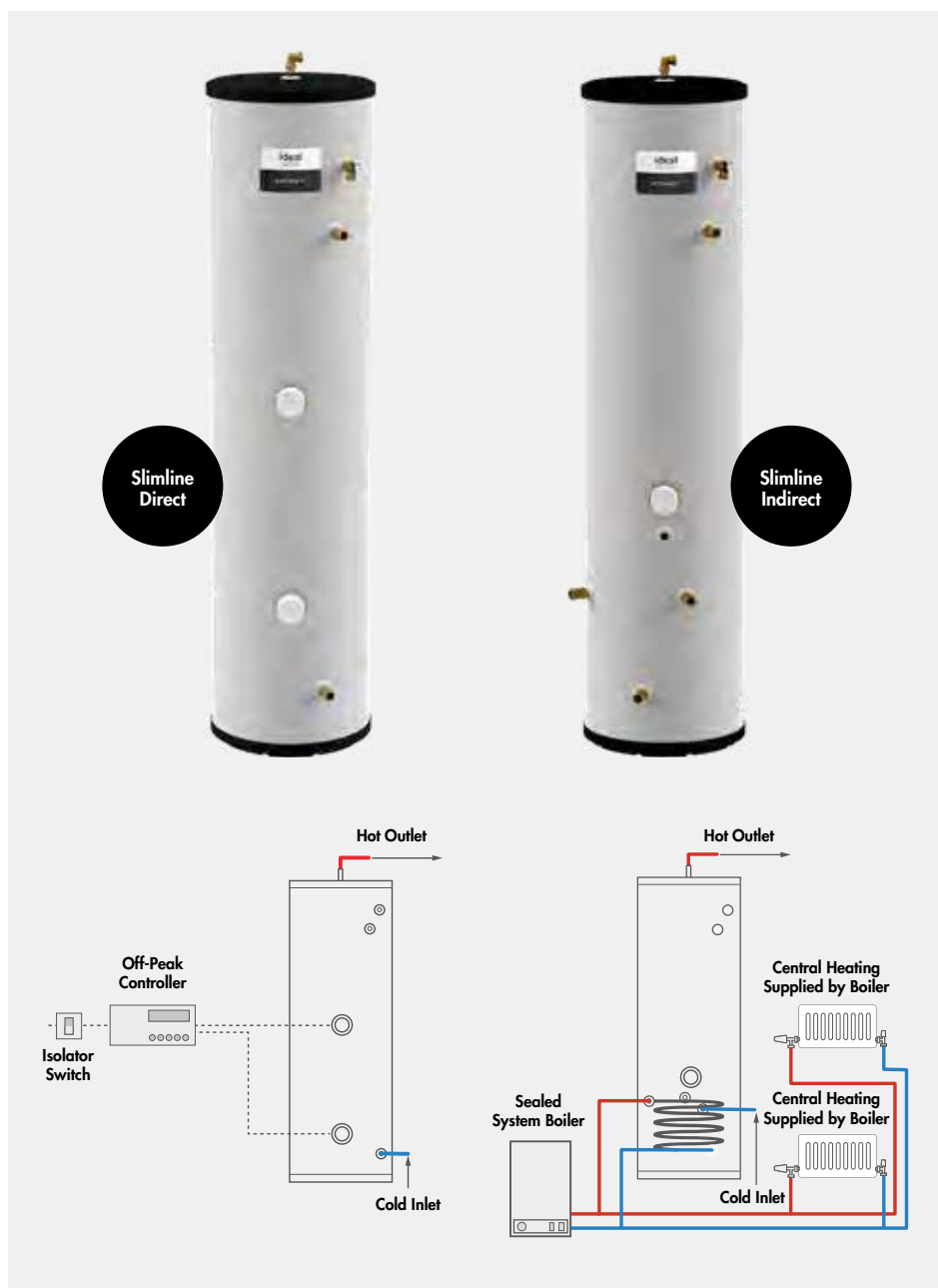
Cylinders

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

Slimline Indirect

Hot Outlet

Off-Peak Controller

Isolator Switch

Cold Inlet

Hot Outlet

Central Heating Supplied by Boiler

Sealed System Boiler

Central Heating Supplied by Boiler

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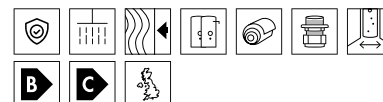
Slimline Direct Cylinders	
IDEINSDR120SL	Ideal Instinct Direct 120 Litre Slimline Unvented Cylinder
IDEINSDR150SL	Ideal Instinct Direct 150 Litre Slimline Unvented Cylinder
IDEINSDR180SL	Ideal Instinct Direct 180 Litre Slimline Unvented Cylinder
IDEINSDR210SL	Ideal Instinct Direct 210 Litre Slimline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

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

Slimline Direct

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

Slimline Indirect

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

joule

Cylinders
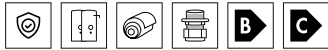
Joule Instinct Standard Cylinders

Finish – White / Grey
Material – Highly corrosion resistant duplex stainless steel
Construction – Butt welded process used throughout, robotically welded, branded quality components
Fittings – Compression fittings included as standard
Heating Element – 3kW Incoloy immersion
Installation – Pre plugged secondary tapping for ease of installation, all connections clearly labelled
Capacity – Available in sizes up to 300 Litres
Weight + Dimensions – See below

Indirect Models (As above plus)
Construction – Smooth tube coil construction for durability and performance
Heating Element – Single high recovery coil
Installation – Bevelled stat pocket for better fitting

Standard Direct Cylinders

INST-DIR-011	Joule Instinct Direct 120 Litre Standard Cylinder
INST-DIR-012	Joule Instinct Direct 150 Litre Standard Cylinder
INST-DIR-013	Joule Instinct Direct 180 Litre Standard Cylinder
INST-DIR-014	Joule Instinct Direct 210 Litre Standard Cylinder
INST-DIR-015	Joule Instinct Direct 250 Litre Standard Cylinder
INST-DIR-016	Joule Instinct Direct 300 Litre Standard Cylinder

Standard Indirect Cylinders

INST-IND-001	Joule Instinct Indirect 120 Litre Standard Cylinder
INST-IND-002	Joule Instinct Indirect 150 Litre Standard Cylinder
INST-IND-003	Joule Instinct Indirect 180 Litre Standard Cylinder
INST-IND-004	Joule Instinct Indirect 210 Litre Standard Cylinder
INST-IND-005	Joule Instinct Indirect 250 Litre Standard Cylinder
INST-IND-006	Joule Instinct Indirect 300 Litre Standard Cylinder

Standard Direct

Standard Indirect

Standard Direct Cylinders

	ErP Rating	Energy Efficiency	Standing Loss	Capacity	Height	Diameter	Weight	ErP Usage
INST-DIR-011	C	39 nwh%	1.11 kWh/24h	120 Litres	920mm	545mm	26kg	6.955 kWH/day
INST-DIR-012	C	37 nwh%	1.26 kWh/24h	150 Litres	1100mm	545mm	33kg	12.915 kWH/day
INST-DIR-013	C	37 nwh%	1.40 kWh/24h	170 Litres	1300mm	545mm	38kg	13.055 kWH/day
INST-DIR-014	C	37 nwh%	1.48 kWh/24h	210 Litres	1480mm	545mm	41kg	13.195 kWH/day
INST-DIR-015	C	38 nwh%	1.76 kWh/24h	250 Litres	1730mm	545mm	46kg	20.830 kWH/day
INST-DIR-016	C	38 nwh%	2.03 kWh/24h	300 Litres	1950mm	545mm	55kg	21.100 kWH/day

Standard Indirect Cylinders

	ErP Rating	Reheat Indirect	Standing Loss	Capacity	Height	Diameter	Weight	ErP Usage
INST-IND-001	B	19.05 Min	1.11 kWh/24h	117 Litres	920mm	545mm	30kg	–
INST-IND-002	B	23.71 Min	1.26 kWh/24h	147 Litres	1100mm	545mm	38kg	–
INST-IND-003	B	29.20 Min	1.40 kWh/24h	176 Litres	1300mm	545mm	42kg	–
INST-IND-004	B	32.5 Min	1.48 kWh/24h	206 Litres	1480mm	545mm	45kg	–
INST-IND-005	C	38.83 Min	1.76 kWh/24h	246 Litres	1730mm	545mm	51kg	–
INST-IND-006	C	43.80 Min	2.03 kWh/24h	296 Litres	1950mm	545mm	60kg	–

joule

Cylinders

Joule Instinct Slim Cylinders

Finish – White / Grey
Material – Highly corrosion resistant duplex stainless steel
Construction – Butt welded process used throughout, robotically welded, branded quality components
Fittings – Compression fittings included as standard
Heating Element – 3kW Incoloy immersion
Installation – Pre plugged secondary tapping for ease of installation, all connections clearly labelled, Bevelled stat pocket for better fitting
Capacity – Available in sizes up to 300 Litres
Weight + Dimensions – See below

Indirect Slim Models (As above plus)

Construction – Smooth tube coil construction for durability and performance
Heating Element – Single high recovery coil
Installation – Bevelled stat pocket for better fitting

Slimline Direct

Slimline Indirect

Slim Direct Cylinders	
INST-DIRS-017	Joule Instinct Direct 120 Litre Slim Cylinder
INST-DIRS-018	Joule Instinct Direct 150 Litre Slim Cylinder
INST-DIRS-019	Joule Instinct Direct 180 Litre Slim Cylinder
INST-DIRS-020	Joule Instinct Direct 210 Litre Slim Cylinder

Slim Indirect Cylinders	
INST-INDS-007	Joule Instinct Indirect 120 Litre Slim Cylinder
INST-INDS-008	Joule Instinct Indirect 150 Litre Slim Cylinder
INST-INDS-009	Joule Instinct Indirect 180 Litre Slim Cylinder
INST-INDS-010	Joule Instinct Indirect 210 Litre Slim Cylinder

Slim Direct Cylinders

	ErP Rating	Energy Efficiency	Standing Loss	Capacity	Height	Diameter	Weight	ErP Usage
INST-DIRS-017	C	36 nwh%	1.24 kWh/24h	109 Litres	1205mm	475mm	30kg	7.085 kWH/day
INST-DIRS-018	C	36 nwh%	1.44 kWh/24h	140 Litres	1470mm	475mm	38kg	7.570 kWH/day
INST-DIRS-019	C	37 nwh%	1.53 kWh/24h	169 Litres	1731mm	475mm	42kg	7.375 kWH/day
INST-DIRS-020	C	37 nwh%	1.62 kWh/24h	197 Litres	1940mm	475mm	42kg	13.970 kWH/day

Slim Indirect Cylinders

	ErP Rating	Reheat Indirect	Standing Loss	Capacity	Height	Diameter	Weight	ErP Usage
INST-INDS-007	B	19.05 Min	1.24 kWh/24h	109 Litres	1205mm	475mm	30kg	–
INST-INDS-008	C	23.71 Min	1.44 kWh/24h	140 Litres	1470mm	475mm	38kg	–
INST-INDS-009	C	29.02 Min	1.53 kWh/24h	169 Litres	1731mm	475mm	42kg	–
INST-INDS-010	C	32.05 Min	1.62 kWh/24h	197 Litres	1940mm	475mm	42kg	–

HENRAD
Stelrad Group plc

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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

Heating

))) HENRAD
Stelrad Group plc

Radiators

Compact Radiators		Single Convector Type 11			Single Convector Type 21			Double Convector Type 22		
			Heat Emissions			Heat Emissions			Heat Emissions	
Height	Length	Henrad Code	Watts	Btu/hr	Henrad Code	Watts	Btu/hr	Henrad Code	Watts	Btu/hr
300	500	**2031105**	255	868	**2032105**	373	1271	**2032205**	491	1675
	1000	**2031110**	509	1737	**2032110**	745	2542	**2032210**	982	3351
	1500	**2031115**	764	2605	**2032115**	1118	3813	**2032215**	1473	5026
	1600	–	–	–	–	–	–	**2032216**	1571	5362
	2000	**2031120**	1018	3473	**2032120**	1490	5084	**2032220**	1964	6701
450	400	**2011104**	302	1032	**2012104**	422	1140	**2012204**	548	1871
	500	**2011105**	378	1290	**2012105**	528	1800	**2012205**	686	2339
	600	**2011106**	454	1548	**2012106**	633	2160	**2012206**	823	2807
	700	**2011107**	529	1806	**2012107**	739	2520	**2012207**	960	3274
	800	**2011108**	605	2064	**2012108**	844	2880	**2012208**	1097	3742
	900	**2011109**	680	2322	**2012109**	950	3240	**2012209**	1234	4210
	1000	**2011110**	756	2579	**2012110**	1055	3600	**2012210**	1371	4678
	1100	**2011111**	832	2837	**2012111**	1161	3960	**2012211**	1508	5146
	1200	**2011112**	907	3095	**2012112**	1266	4320	**2012212**	1645	5613
	1400	**2011114**	1058	3611	**2012114**	1477	5040	**2012214**	1919	6549
	1600	**2011116**	1210	4127	**2012116**	1688	5759	**2012216**	2194	7485
	1800	**2011118**	1361	4643	**2012118**	1899	6479	**2012218**	2468	8420
	2000	**2011120**	1512	5159	**2012120**	2110	7199	**2012220**	2742	9356
	2200	**2011122**	1663	5675	–	–	–	**2012222**	3016	10291
	2400	**2011124**	1814	6191	–	–	–	**2012224**	3290	11227
600	300	**2061103**	294	1003	–	–	–	–	–	–
	400	**2061104**	392	1338	**2062104**	538	1836	**2062204**	693	2364
	500	**2061105**	490	1672	**2062105**	673	2295	**2062205**	866	2955
	600	**2061106**	588	2006	**2062106**	807	2753	**2062206**	1039	3546
	700	**2061107**	686	2341	**2062107**	942	3212	**2062207**	1212	4137
	800	**2061108**	784	2675	**2062108**	1076	3671	**2062208**	1386	4728
	900	**2061109**	882	3009	**2062109**	1211	4130	**2062209**	1559	5319
	1000	**2061110**	980	3344	**2062110**	1345	4589	**2062210**	1732	5910
	1100	**2061111**	1078	3678	**2062111**	1480	5048	**2062211**	1905	6501
	1200	**2061112**	1176	4013	**2062112**	1614	5507	**2062212**	2078	7092
	1400	**2061114**	1372	4681	**2062114**	1883	6425	**2062214**	2425	8273
	1600	**2061116**	1568	5350	**2062116**	2152	7343	**2062216**	2771	9455
	1800	**2061118**	1764	6019	**2062118**	2421	8260	**2062218**	3118	10637
	2000	**2061120**	1960	6688	**2062120**	2690	9178	**2062220**	3464	11819
	2200	**2061122**	2156	7356	–	–	–	**2062222**	3810	13001
	2400	**2061124**	2352	8025	–	–	–	**2062224**	4157	14183
700	400	**2071104**	447	1527	**2072104**	612	2088	**2072204**	784	2676
	500	**2071105**	559	1906	**2072105**	765	2610	**2072205**	981	3345
	600	**2071106**	670	2287	**2072106**	918	3132	**2072206**	1177	4015
	700	**2071107**	782	2668	**2072107**	1071	3654	**2072207**	1373	4684
	800	**2071108**	894	3049	**2072108**	1224	4176	**2072208**	1569	5353
	900	**2071109**	1005	3430	**2072109**	1377	4698	**2072209**	1765	6022
	1000	**2071110**	1117	3811	**2072110**	1530	5220	**2072210**	1961	6691
	1100	**2071111**	1229	4192	**2072111**	1683	5742	**2072211**	2157	7360
	1200	**2071112**	1340	4573	**2072112**	1836	6264	**2072212**	2353	8029
	1400	**2071114**	1564	5336	**2072114**	2142	7309	**2072214**	2745	9367
	1600	**2071116**	1787	6098	**2072116**	2448	8353	**2072216**	3138	10705
	1800	**2071118**	2011	6860	**2072118**	2754	9397	**2072218**	3530	12044
	2000	**2071120**	2234	7622	**2072120**	3060	10441	**2072220**	3922	13382

Btu/hr @ Δt50°C

Radiators

Henrad Compact 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 ½" BSP connections as standard
Safety – Tested to withstand 10.0 Bar

STEEL | **Tested 10 Bar**

For Low Energy Systems

Triple Convector Type 33 Radiator

Compact K3 Radiators

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

Btu/hr @ Δt50°C

HENRAD
Stelrad Group plc

Triple
Convector
Type 33
Radiator

22mm Towel Rails

Straight Towel Rails

1200 x 600mm Chrome

1200 x 600mm Black

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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® PRO

Heating

22mm Towel Rails

Curved Towel Rails

1200 x 600mm Chrome

Great Value

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
PHGKT080-50CPCV	800	500	89-119	246	841	125
PHGKT080-60CPCV	800	600	95-125	286	975	150
PHGKT100-50CPCV	1000	500	89-119	290	990	200
PHGKT100-60CPCV	1000	600	95-125	335	1144	200
PHGKT120-50CPCV	1200	500	89-119	358	1221	200
PHGKT120-60CPCV	1200	600	95-125	414	1413	300

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

Water Treatment

Our frequently ordered Water Treatment products...

Best Seller

New Bottle Size

Corrosion Inhibitor
Page 26

System Cleaner
Page 26

Water Treatment Features

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

Manufactured in the UK

Manufactured Using Proven Technologies

Easy to Install and Maintain

Cost Saving Product

Dosing Amount – Up to 10 Litres

10 Rads 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 + Fungul Growth

Use with Power Flushing Machines

Non-Hazardous Formulation

Bottle Made from 50% Recycled Plastic

App Control via Mobile Device

Min 0.2 Bar Minimum Operating Pressure

Max 4 Bar Maximum Operating Pressure

Min 90°C Minimum Operating Temperature

Max 120°C Maximum Operating Temperature

Cost Saving Filter

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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Water Treatment

Scale Inhibitors

Guarantees

2 Years
on Scale Inhibitors

15mm Magnetic Scale Inhibitor

No moving parts, no maintenance required

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

22mm Magnetic Scale Inhibitor

15mm Electrolytic Scale Inhibitor

Easily installed, slip couplings for easy fit

Needs no chemicals or power, earth bonding not required

22mm Electrolytic Scale Inhibitor

Magnetic Scale Inhibitor

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

Copper Mesh Enhances Limescale Inhibitor Performance
Instinct 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 Scale Inhibitors are manufactured by Scalemaster® in the UK and incorporate the original Scalemaster® patented technology.

Copper Mesh Enhances Limescale Inhibitor Performance
Instinct 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

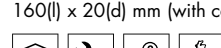| 403342	15mm Electrolytic Scale Inhibitor
403359	22mm Electrolytic Scale Inhibitor

Trade Magnetic Scale Inhibitor

Finish – White
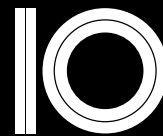Dimensions –
120(l) x 20(d) mm (without connections)
160(l) x 20(d) mm (with connections)

403267	15mm Trade Magnetic Scale Inhibitor

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® PRO

Water Treatment

Chemicals

Smaller 250ml Bottle

Introducing the range

Alongside Scalemaster®, a leading supplier of quality water treatment products for over 30 years, INSTINCT 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

GB — Made 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)

new · 250ml Bottle · 300ml Aerosol · 5 Litre Bottle

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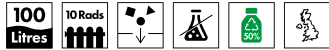
The 5 Litre Bottle (504599) is concentrated and will dose 2000 Litres.

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)

new · 250ml Bottle · 300ml Aerosol · 5 Litre Bottle

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 (504469)

504537	300ml Aerosol
504469	250ml Bottle

new · 250ml Bottle · 300ml Aerosol

Environmentally Friendly

All Instinct 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 & security rings.

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® PRO

Water Treatment

Chemicals

Heating System Chemicals

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

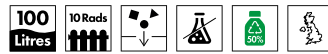504230   250ml Bottle

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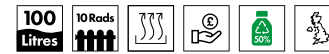Dimensions – 137(h) x 72(w) x 49(d) mm

504254   250ml Bottle

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

504278   250ml Bottle

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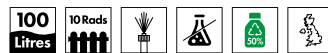Dimensions – 137(h) x 72(w) x 49(d) mm

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

Water Testing Strips + Kits

Masterflux Flux Soldering Paste
Dimensions –
80(h) x 80(w) x 70(d) mm

701103   250g

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

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Bathroom Collection
Autumn 2023

Launch Summer 2023

www.instinctproducts.co.uk

i-TEST

BY SCALEMASTER®

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)

Download on the App Store

GET IT ON Google Play

Phone not included.

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

SCALEMASTER®

Water Treatment

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!
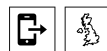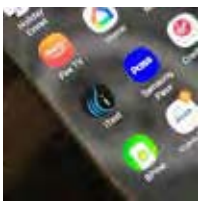
506104	Scalemaster i-Test
506111	Scalemaster i-Test Replacement Probe (Pack of 10)
506128	Scalemaster i-Test Replacement Probe (Pack of 50)

---

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 or www.scalemaster.co.uk

Magnetic Filters

22mm Magnetic Filter

22mm Trade Tec Magnetic Filter

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

Max 120°C | Max 6 Bar

INMAG22	22mm Magnetic Filter (Isolation Valves)
INMAG28	28mm Magnetic Filter (Isolation Valves)
MAGFILTOOL	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

Max 90°C | Min 0.2 Bar | Max 4 Bar

TRMAGFIL22	22mm Magnetic Filter (Isolation Valves)
TRMAGFIL28	28mm Magnetic Filter (Isolation Valves)
IKSPA13	Spanner for Trade Tec magnetic filters

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Water Treatment

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

	Max 90°C	Max 3 Bar	

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

	Max 90°C	Max 3 Bar	

IKN34	3/4" IntaKlean Nano Magnetic System Filter

Multiple inlet/outlet variations

FERNOX
MAKES WATER WORK

Magnetic Filters

new

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

Compact,
Versatile
Design

Specially designed for
horizontal installation

Excellent
collection capacity

22mm compression
connection

Easy removal of powerful
neodymium magnet

Will not block
or restrict flow

Easy to service and clean
via the drain valve

Fernox TF1 Sigma UB Filter
(Suitable with Ideal Instinct[2] 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 contaminates, 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

Max 100°C	Max 5 Bar	

62631   Fernox TF1 Sigma UB Filter

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

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Coming soon, discover our extensive range of bathroom, plumbing + heating products.

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Where to buy, videos and news

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Controls

Control Features

50° / 30°	Max 85°C	Min 0.2 Bar	Max 10 Bar	(Anti Scald symbol)
Temperature Adjustment	Max Flow Temperature	Min. Operating Pressure	Max. Operating Pressure	Anti Scald

Our frequently ordered Controls products...

Best Seller

15mm Angled TRV (Twin Pack)
Page 39

Chrome Plated Design

15mm Straight TRV (Twin Pack)
Page 38

Great Value

15mm Angled Lockshield Manual Radiator Valve (Drain Off)
Page 41

Best Seller

15mm Straight Modern Radiator Valves (Pair)
Page 40

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Controls

Guarantees

1 Years
on Thermostatic Mixing Valves (TMVs)

Thermostatic Mixing Valves (TMVs)

Anti Scald

15mm TMV2 / 3 Thermostatic Mixing Valve
Finish – Chrome
Dimensions – 98(h) x 140(w) mm

| 50°/30° | Max 85°C | Min 0.2 Bar | Max 10 Bar | | WRAS | NSF | NSF |

40015CBA

Anti Scald

22mm TMV2 / 3 Thermostatic Mixing Valve
Finish – Chrome
Dimensions – 98(h) x 146(w) mm

| 50°/30° | Max 85°C | Min 0.2 Bar | Max 10 Bar | | WRAS | NSF | NSF |

40022CBA

Anti Scald

15mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)
Finish – Chrome
Dimensions – 98(h) x 132(w) mm

| 50°/30° | Max 85°C | Min 0.2 Bar | Max 10 Bar | | WRAS | NSF | NSF |

400MX15CBA

Anti Scald

22mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)
Finish – Chrome
Dimensions – 98(h) x 132(w) mm

| 50°/30° | Max 85°C | Min 0.2 Bar | Max 10 Bar | | WRAS | NSF | NSF |

400MX22CBA

Thermostatic Radiator Valves (TRVs)

new

½" 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

new

½" 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

new

½" 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

½" 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℃	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℃	Max 10 Bar

15PACKSCP.1

15mm Angled TRV

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

Max 110℃	Max 10 Bar

15TRVAWHCP

10mm Angled TRV

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

Max 110℃	Max 10 Bar

10TRVAWHCP

15mm Corner TRV Lockshield (Twin Pack)

Finish – Chrome
Dimensions – ??(h) x ??(w) x ??(d) mm

TRVCNR

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Controls

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

Designer Radiator Valves

Guarantees

1 Year
on 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

½" 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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® PRO

Controls

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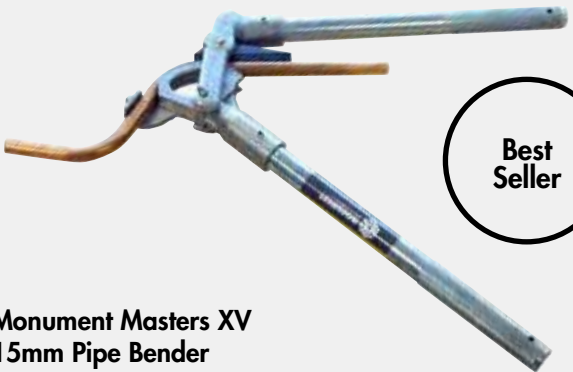Finish – Chrome / White
Dimensions – 29(h) x 85(w) x 91(d) mm

Max 85°C | Max 20 Bar

CEMDRN10-8

Consumables

Our frequently ordered Consumable products...

Best Seller

Monument Masters XV 15mm Pipe Bender
Page 57

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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® PRO

Consumables

Core Drills

Professional Dry Core Drill

Quantity – 1

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

Spectrum Hex Adaptor Pack

Quantity – 1 x JX01, JB09 & JB05

JX03

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

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
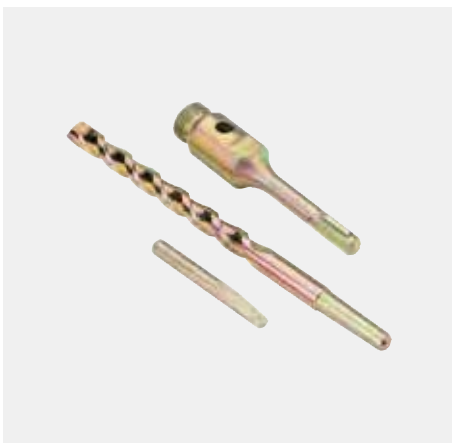
Spectrum Hex A Taper Drill Adaptor Pack

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

INSTINCT® | PRO

Pipe Clips

11, 16, 22, 28mm Nail Clip

Colour – White
Quantity –
100 Pack (INSTC207, INSTM100, INSTM102)
50 Pack (INSTM103)

INSTC207	11mm
INSTM100	16mm
INSTM102	22mm
INSTM103	28mm
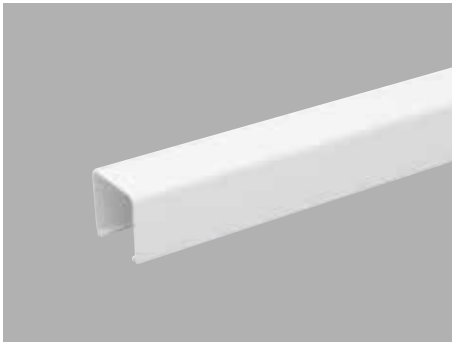
10, 15, 22, 28mm Clip Link Trunking

Colour – White
Quantity – 12 Pack

Single	
T600	15mm
T601	22mm
T602	28mm

Double	
T603	10mm
INSTT604	15mm
INSTT605	22mm

10, 15, 22, 28mm Hinged Clip

Colour – Translucent
Quantity –
100 Pack (P616, INSTP610, INSTP611, INSTP615)
50 Pack (INSTP612, P617, INSTP613, INSTP614)

Single	
P616	10mm
INSTP610	15mm
INSTP611	22mm
INSTP612	28mm

Double	
P617	10mm
INSTP613	15mm
INSTP614	22mm
INSTP615	Spacer Blocker
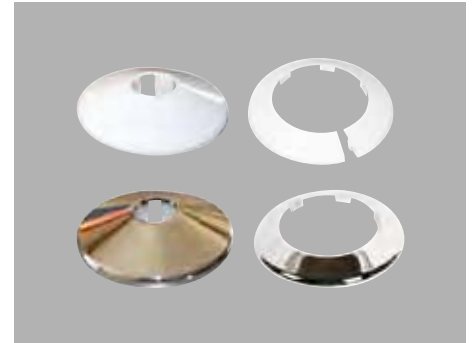
10, 15, 22, 28, 35, 42, 110mm Collar Clip

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	
P310	10mm
P311	15mm
P312	22mm
P322	28mm
P319	35mm
P320	42mm
P321	110mm

Chrome	
P313	10mm
P314	15mm
P315	22mm
P316	35mm
P317	42mm
P318	110mm

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Consumables

Trunking Accessories
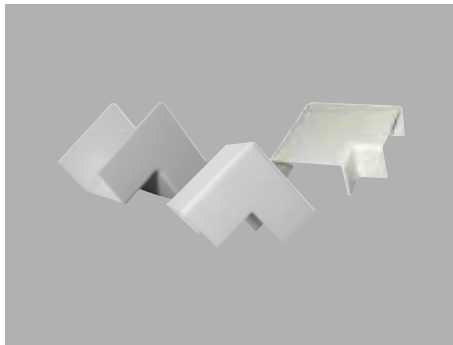
10, 15, 22mm Corner Clips
Colour – White
Quantity –
10 Pack (T611, T612, T614, T615, T617, T618)
2 Pack (T610, T613, T616)

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
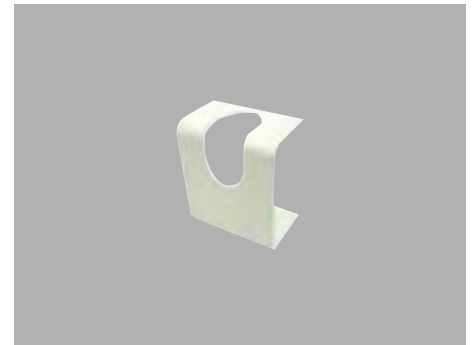
15, 22mm Access Clips
Colour – White
Quantity – 10 Pack

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

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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Consumables

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 Trade Instinct 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 for Size 0-1-2A Copper Pipe Cutters

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

INST0273

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 for 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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Consumables

Guarantees

| 1 | Year
on Plumbing Tools |

Plumbing Tools

Cleaning + Deburning

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® for 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)

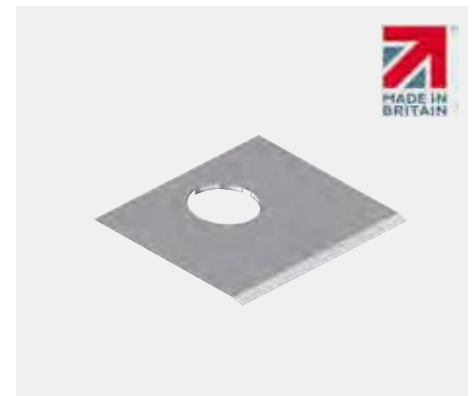| **INST0115**	15mm
INST0122	22mm

1¼" & 1½" Autocut® for 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® for Plastic Pipe Cutter

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

INST0100

INSTINCT® | PRO

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.

new

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
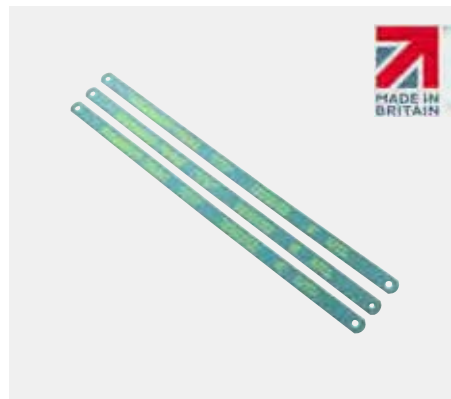
300mm (12") Hacksaw Blades

Quantity – Pack of 3
Dimensions – 310(h) x 40(w) x 3(d) mm

INST1923

Spare Blade for 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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Consumables

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

½, ¾ & 1" Lockshield Radiator Valve Key
Quantity – 1
Dimensions – 85(h) x 85(w) x 20(d) mm

INST2056

Four-Way Multipurpose Key
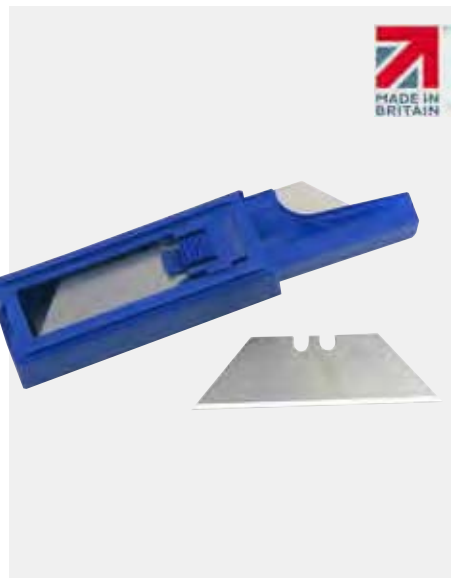Quantity – 1
Dimensions – 75(h) x 75(w) x 20(d) mm

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

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

Gas Meter & Radiator Bleed Key
Quantity – 1
Dimensions – 90(h) x 30(w) x 20(d) mm

INST2050

INST2053	Radiator Valve Spanner 10mm Square & 5mm Balancing Tool
INST2054	Radiator Valve Spanner 12mm Hex., Air Release & 4mm Balancing Tool
INST2055	Twinpack

INSTINCT® | PRO

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 ½" & ¾" 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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® PRO

Consumables

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

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.

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.

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

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.

MADE IN BRITAIN

INST0257

Mains Water Pressure Test Gauge 11 Bar x ¾" 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.

MADE IN BRITAIN

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 for LPG

MADE IN BRITAIN

Quantity – 1
Dimensions – 260(h) x 40(w) x 30(d) mm

INST1731

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Consumables

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

Roofing + Measuring

Tape Measure (Backing Card)
Quantity – 1
Dimensions – 150(h) x 85(w) x 35(d) mm

INST1961S5	5m
INST1962S8	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

INSTINCT® |PRO

👍

Coming Soon

in

Stay up-to-date with all the latest news and product releases from Instinct Pro. Please like and subscribe to **@instinctproducts** on our selected social channels.

Plumbing Tools

Guarantees

1	**Year**
	on Monument Masters 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

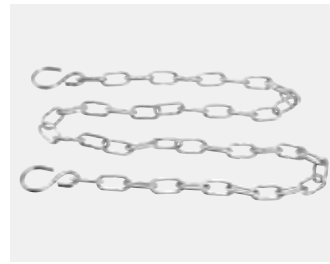| 1215K	Monument Masters XV 15mm Pipe Bender
1322EXTENDED	Monument Masters XXII Extended 22mm Bender

Best Seller

INSTINCT® | PRO
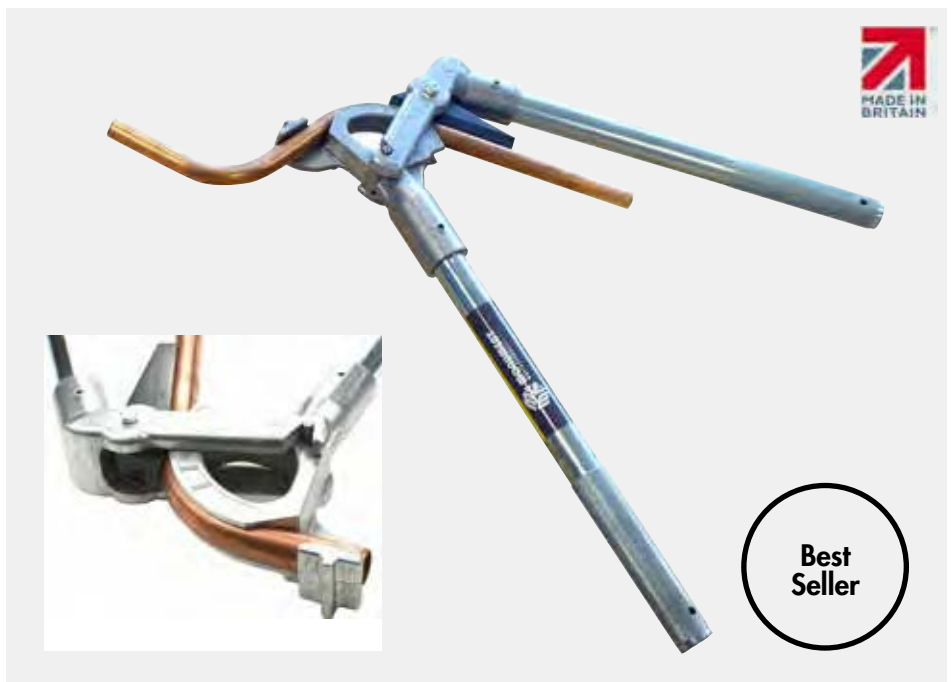
Pre-Packed Fittings

**12" Chrome Oval Link Chain
(Stay)**
Quantity – 1
Dimensions – 340(h) x 60(w) x 2(d) mm

200082-INS
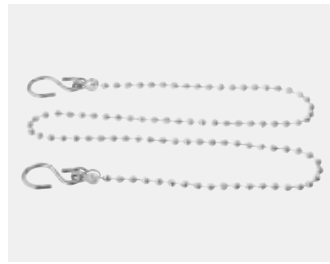
**18" Bath Ball Chain (Chrome)
(S Hook CP)**
Quantity – 1
Dimensions – 458(h) x 3(w) x 3(d) mm

200111-INS

**18" Chrome Oval Link Chain
(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 for Basin & Bath Plugs
Quantity – 1 (5 x Basin & 5 x Bath)
Dimensions – 325(h) x 2(w) x 2(d) mm

200666-INS

**Chrome Basin Plug (Brass)
(Triangle)**
Quantity – 1
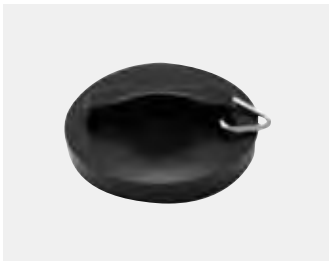Dimensions – 13(h) x 38(w) x 38(d) mm

200716-INS

**Brass Bath Plug (Chrome)
(Triangle)**
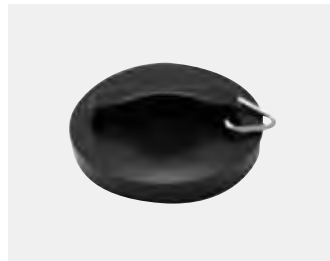Quantity – 1
Dimensions – 14(h) x 43(w) x 43(d) mm

200739-INS

**Basin Black Poly Plug
(12" Ball Chain & Stay)**
Quantity – 1
Dimensions – 80(h) x 60(w) x 14(d) mm

200764-INS

**1½" Black Poly Plug
(Triangle)**
Quantity – 2
Dimensions – 15(h) x 38(w) x 38(d) mm

200833-INS

**1¾" Black Poly Plug
(Triangle)**
Quantity – 2
Dimensions – 15(h) x 45(w) x 45(d) mm

200837-INS

**1½" & 1¾" Black Poly
Plug Kit**
Quantity – 1 (1 of each Plug)
Dimensions – 15(h) x 90(w) x 120(d) mm

200839-INS

1½" Plastic White Basin Plug
Quantity – 2
Dimensions – 21(h) x 38(w) x 38(d) mm

200842-INS
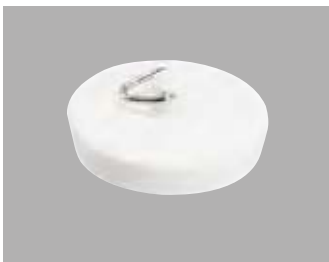
1¾" Bath White Plastic Plug
Quantity – 2
Dimensions – 21(h) x 43(w) x 43(d) mm

200844-INS

**1½" 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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

INSTINCT® | PRO

Consumables

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
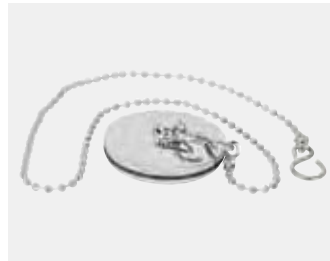**201233-INS**

**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 Black Poly Plug with
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 for Clicker Waste
201753 201773**
Quantity – 2
Dimensions – 4(h) x 37(w) x 37(d) mm
202510-INS

**O'Ring for 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 for 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

½" Plastic Piston Pack
Quantity – 2
Dimensions – 32(h) x 16(w) x 16(d) mm

306810-INS

½" HP Plastic Seat
Quantity – 5
Dimensions – 16(h) x 22(w) x 22(d) mm

306816-INS

½" Red Fibre Seating Washer for Float Valve
Quantity – 5
Dimensions – 1.5(h) x 22(w) x 22(d) mm

306832-INS

½" Part 1 Cotter Pin
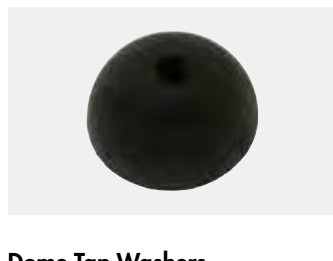Quantity – 5
Dimensions – 34(h) x 7(w) x 3(d) mm

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	½"
306884-INS	¾"

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	½"
306888-INS	¾"

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	½"
306944-INS	⁵/₈"
306946-INS	¾"

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	½"
306952-INS	¾"

Straight Boiler Filling Loop
Quantity – 1
Dimensions – 500(h) x 39(w) x 24(d) mm

307413-INS

½" Directional Air Vent (Chrome) & ½" 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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

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Consumables

Pre-Packed Fittings

Guarantees

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

15mm (Chrome) Snappit Cover 200mm

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

317274-INS

Chrome Pipe Covers & Floor Plate

Quantity – 2 of Each
Dimensions – Please request

317290-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)

324015-INS	8mm
324019-INS	10mm
324024-INS	12mm
324028-INS	15mm
324032-INS	22mm
324037-INS	28mm
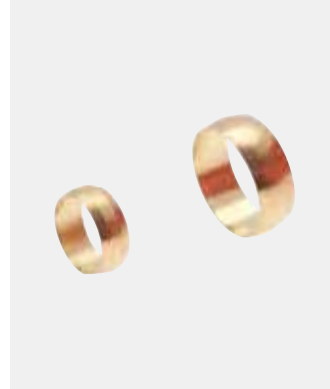
Copper Olives

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)

324118-INS	15mm
324122-INS	22mm
324122-INS10	22mm
324154-INS	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)

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

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)

| 324652-INS | 15mm x ½" |
| 324656-INS | 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

½" Flexible Tap Fibre Washer

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

324790-INS

¾" Flexible Tap Rubber Washer

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

324795-INS

**½" BS5412 Brass Headwork
(Pair)**

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

330135-INS

**½" 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	⅜"
330915-INS	½"
330920-INS	¾"

**Universal Top Hat Washer
½" & ¾"**

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	1.¼"
340297-INS	1.½"

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	1.¼"
344255-INS	1.½"

**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

1½" 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

**½" Diaphram Washer for
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

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

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Consumables

Guarantees

| 1 | Year |
on Pre-Packed Fittings

Pre-Packed Fittings

1½" 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)
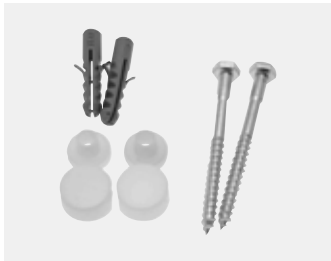1(h) x 127(w) x 124(d) mm (345435-INS)

| 345433-INS | 4.½" |
| 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

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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** | ½″ |
| **348620-INS** | ¾″ |

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** | ½″ |
| **348917-INS** | ¾″ |

Blanking Nut and 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** | ½″ |
| **348987-INS** | ¾″ |

3′ 6″ Micropoint Hose
Quantity – 1
Dimensions – 1066(h) x 36(w) x 25(d) mm

352020-INS

½″ 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

½″ Bayonet Socket (Angled)
Quantity – 1
Dimensions – 35(h) x 25(w) x 25(d) mm

352144-INS

$\frac{1}{8}$″ 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 0X 18mm-25mm
390626-INS	Size 1 25mm-35mm

All dimensions in mm. All measurements are approximate and subject to standard tolerances.

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Consumables

Pre-Packed Fittings

Guarantees

1 Year
on 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)

390710-INS	15mm
390715-INS	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)

392442-INS	1.5mm
392451-INS	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)

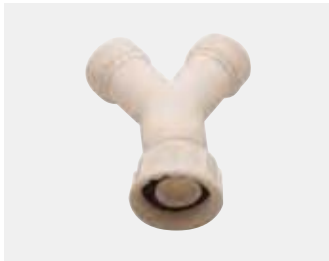|	
392446-INS	1.5mm
392455-INS	2.5mm

2.5m Outlet Hose
Quantity – 1
Dimensions – 2500(h) x 34(w) x 34(d) mm

392475-INS

Washing Machine Y Piece
Quantity – 1
Dimensions – 80(h) x 69(w) x 32(d) mm

392490-INS

Washing Machine Hose Washer
Quantity – 5
Dimensions – 2(h) x 24(w) x 24(d) mm

392495-INS

Plumbing Out Kit
Quantity – 1
Dimensions – Please request

392528-INS

17mm Washing Machine Outlet Hose Joiner
Quantity – 1
Dimensions – 67(h) x 28(w) x 28(d) mm

392530-INS

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)

394005-INS	½"
394010-INS	¾"

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)

394030-INS	½"
394035-INS	¾"
394040-INS	1"

1¼" Plastic Sink Washer
Quantity – 5
Dimensions – 1.5(h) x 57(w) x 57(d) mm

394045-INS

1½" Plastic Washer
Quantity – 2
Dimensions – 1.5(h) x 86(w) x 86(d) mm

394050-INS

PTFE Tape 12mm x 12m Reel (WRAS)
Quantity – 1
Dimensions – 20(h) x 57(w) x 57(d) mm

INST61427T

PTFE Tape 12mm x 5m Reel (Gas)
Quantity – 1
Dimensions – 20(h) x 57(w) x 57(d) mm

UW61425

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