

INSTINCT® | PRO

PLUMBING & HEATING COLLECTION





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*T&C'S APPLY

Introducing SOS:
Our 60-Minute Delivery
Service for Plumbing and
Heating Professionals!

Need parts fast? Get them delivered
to your location within 60 minutes*.

Order online, and we'll handle the rest!



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PRODUCTS**



**CHECK
AVAILABILITY**



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YOUR ORDER**



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IN 60 MINS***



MALONEY'S
PLUMBING & HEATING MERCHANTS



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Instinct Pro – we've got you covered

Welcome to the Instinct Pro Plumbing and Heating Collection 2024/25.
A comprehensive quality range of plumbing and heating products
designed with the Installer and Heating Engineer in mind.

Designed for performance, quality and reliability

The Instinct Professional brand offers trade customers an excellent
choice of plumbing and heating products for everyday projects.

Our heating range includes underfloor heating, boilers, cylinders and
peripheral components including radiators and towel rails in a choice
of sizes and finishes to suit your space.

Within our plumbing range you will find, heating system chemicals,
scale inhibitors, magnetic filters as well as plumbing tools and an
extensive range of pre-packed fittings.

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,
Instinct Pro can provide the answer for you.**

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Hydronic UFH

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Hydronic UFH Features

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

5

Years Guarantee



Self Balancing



1" ISO Valves

STAINLESS
STEELConstruction
Material

Pre Assembled

Temperature
GaugeTemperature
Range

Our frequently ordered Hydronic UFH products...



**Stainless Steel Manifold
(Hydraulic Balancing)**
Page 6



**Blending Valve
+ Pump Pack
(Bastion Pump)**
Page 8



**Single Room
Control Pump Pack
(Wilo Pump)**
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Underfloor Heating Designs Made Simple

All-in-one tool for calculating, designing, specifying and drawings.

Heat Load Calculations

Simplify your heat load calculations in alignment with industry standards

System Sizing

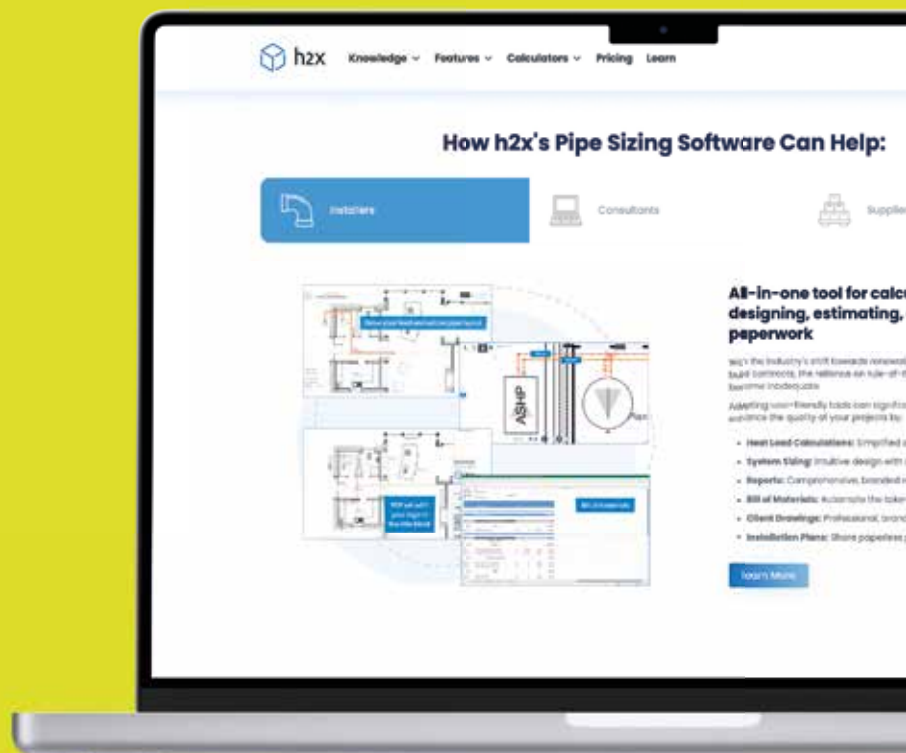
Automatically generate loop layouts with required pipe spacings

Reports + Client Drawings

Generate branded drawings and reports including system performance, energy usage and more

Bill of Materials

Download the automatically generated, detailed Bill of Materials with product specification



Get your free 2-week trial and/or book a free demo today at www.h2xengineering.com

Manifold

Guarantees

5 Years
on Stainless Steel Manifold

new



Stainless Steel Manifold (Hydraulic Balancing)

Stainless Steel manifold for HVAC systems with Hydraulic Balancing and independent setting from each individual circuit.

Features + Benefits

Delivery manifold with flow meters with fluid shut-off function

Return manifold with hydraulic flow balancing valves and manual handwheel (M30 x 1.5mm connection), prearranged for thermoelectric command via actuators that can be installed after fitting the relative ring nut (to be ordered separately)

Drain valves and manual air vent valves, pressure gauge

Key for presetting

Finish – Stainless Steel

Seals – EPDM

Handle – ABS

Springs – Stainless Steel

Brackets – Chrome plated steel

Adaptors – Brass



IN-116602-AB-BV	Manifold (2 Port)
IN-116603-AB-BV	Manifold (3 Port)
IN-116604-AB-BV	Manifold (4 Port)
IN-116605-AB-BV	Manifold (5 Port)
IN-116606-AB-BV	Manifold (6 Port)
IN-116607-AB-BV	Manifold (7 Port)
IN-116608-AB-BV	Manifold (8 Port)
IN-116609-AB-BV	Manifold (9 Port)
IN-116610-AB-BV	Manifold (10 Port)
IN-116611-AB-BV	Manifold (11 Port)
IN-116612-AB-BV	Manifold (12 Port)

Specification

Medium	Water or glycol solution
Maximum Glycol Percentage	30%
Maximum Working Pressure	6 Bar (10 Bar for system testing)
Working Temperature Range	5-70°C
Flow Meter Scale	0–5L/min
Main Connections	G1" F (ISO 228-1)
Outlets	G¾" M (ISO 228-1)
Centre Distance	50mm

No. of Outlets	2	3	4	5	6	7	8	9	10	11	12
Manifold width / mm	126	176	226	276	326	376	426	476	526	576	626

Turns	1.25	1.5	1.75	2	2.5	3	3.5	F.O.
Kv	0.12	0.33	0.47	0.57	0.77	0.88	0.95	1.02

No. of Outlets	1	2	3	4	5	6	7	8	9	10	11	12
Kv	1.02	1.65	2.23	2.55	2.81	2.97	3.13	3.26	3.34	3.38	3.42	3.50

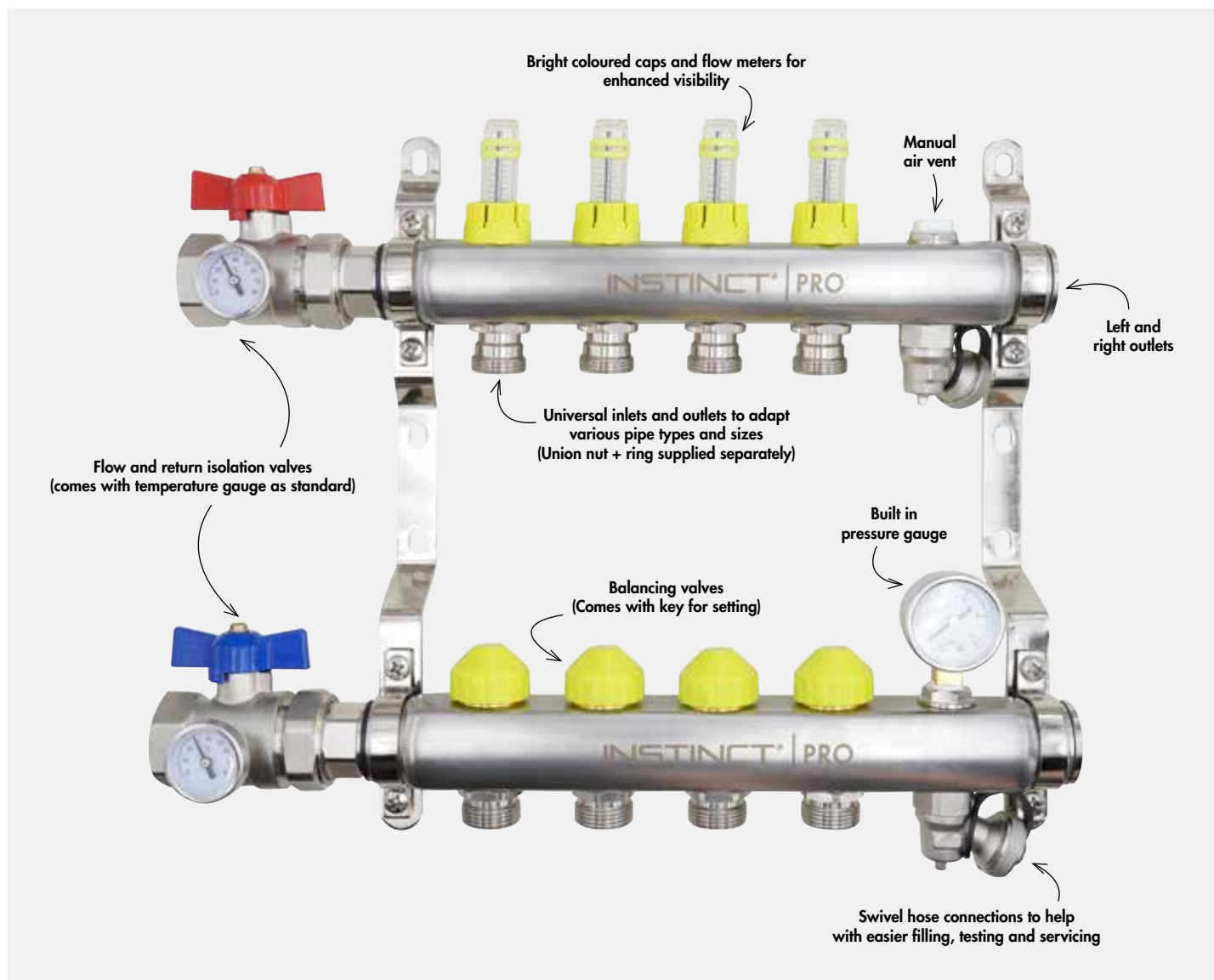
Guarantees

5 Years on Stainless Steel Manifold

5 Years on 230V UFH Actuator

Manifold

Instinct Pro Hydraulic Balancing Manifold and Gauges – Makes for Easy Installation, Commissioning and On-Site Testing



230V UFH Actuator

The valve actuator helps improve the energy efficiency of the system by allowing individual room temperature control.

Features + Benefits

Normal Closed (NC)

Complete compatibility to valve adapter system

Simple snap-on installation

360° installation position

Patented 100% protection against leaky valves

First open function (NC type only)

Adaptation check on valve

Alignment aid on the valve

Surge protection

Certified by LL-C

Finish – Yellow

Dimensions – 62(h) x 42(w) x 42(d) mm

Stroke – 3mm

Power Consumption – 2W

IN-2033-230V

230V UFH Actuator



Specification

Operating Voltage	24V/230V AC (+/-15%) 50/60Hz
Maximum Inrush Current	< 200mA during 100ms max
Operating Power	2W
Stroke (Actuator Travel)	3mm
Actuating Force	100 N +10%
Storage Temperature	-25°C to +60°C
Degree of Protection	II
Type of Protection	IP54
CE Conformity	EN 60730 EN 61000
Connecting Cable/Colour	2 x 0.5mm² PVC / Light Grey
Cable Length	1m
Surge Protection	2.5 kV
According to EN60335-1	



Blending Valve + Pump Pack

Guarantees

5 Years on Blending Valve	5 Years on Bastion Pump	2 Years on Wilo Pump
-------------------------------------	-----------------------------------	--------------------------------

new



Blending Valve + Pump Pack

Designed to work with manifolds of all types, on 210mm centres. The thermostatic blending valve is a bolt on unit providing a quick and simple system to install.

Features + Benefits

Supplied with A rated 6m pump (either Bastion or Wilo) and 3/4" ball valves

The water supply temperature can be adjusted according to the structure of the floor

Designed for heat pump and low temperature systems that do require a thermostatic control valve

Finish – Chrome Plated

Dimensions –

300(h) x 196(w) x 128(d) mm (IN-2536J+BAS-PUMP)

302(h) x 230(w) x 122(d) mm (IN-2536J+WILO-PUMP)

Weight –

3.7kg (IN-2536J+BAS-PUMP)

1.87kg (IN-2536J+WILO-PUMP)



IN-2536J+BAS-PUMP

UFH Blending Valve +
Pump Pack (Bastion Pump)

IN-2536J+WILO-PUMP

UFH Blending Valve +
Pump Pack (Wilo Pump)

Specification

Medium	Water or glycol solution
Maximum Glycol %	30%
Maximum Working Pressure	6 Bar
Working Temperature Range	90°C
Adjustable Control Temperature Range	35 to 60°C
Thread Connections	BS EN ISO 228-1
Kv Value	2.8m ³ /h Dp = 1 Bar; Tmix = 45°C



Bastion Pump

Finish – Electrophoretic Paint / Black
Dimensions – 130(h) x 90(w) x 127(d) mm

5

Specification

Energy Efficiency Index (EEI)	≤ 0.20
Maximum Delivery Head	6m
Maximum Volume Flow	3.0m ³ /h



Wilo Pump

Finish – Composite Body / Grey
Dimensions – 139(h) x 93.5(w) x 123(d) mm

2

Specification

Energy Efficiency Index (EEI)	≤ 0.20
Maximum Delivery Head	6.3m
Maximum Volume Flow	2.6m ³ /h

Guarantees

- 5

Years
on Single Room Control Pump
- 5

Years
on Bastion Pump
- 2

Years
on Wilo Pump

Single Room Control Pump Pack

Single Room Control Pump Pack

UFH control pack for providing temperature controlled mixed water in single room applications to an underfloor heating system with a heat output up to 3Kw. The pump is pre-wired in conjunction with a flow temperature thermostat and mains connection cable and has provision to connect a room stat. The unit has integral ball valves for connecting/isolating the primary heating system, an adjustable thermostatic blending valve and an 'A' rated 6m circulating pump all secured to a fixing bracket with anti-vibration mountings for silent operation. G½" tappings are provided for use with any adaptors to connect the unit to the floor heating loop or manifolds.

Features + Benefits

Includes ½ to ¾" fittings excluding euro cones

Finish – Chrome Plated

Dimensions –

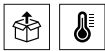
302(h) x 230(w) x 132(d) mm (IN-2532J+BAS-PUMP)

302(h) x 230(w) x 138(d) mm (IN-2532J+WILO-PUMP)

Weight –

4.265kg (IN-2532J+BAS-PUMP)

2.43kg (IN-2532J+WILO-PUMP)



IN-2532J+BAS-PUMP	UFH Single Room Control Pump Pack (Bastion Pump)
IN-2532J+WILO-PUMP	UFH Single Room Control Pump Pack (Wilo Pump)

Specification	
Medium	Water or glycol solution
Maximum Glycol %	30%
Maximum Working Pressure	10 Bar
Working Temperature Range	90°C
Adjustable Control Temperature Range	35 to 60°C
Thread Connections	BS EN ISO 228-1
Kv Value	2.8m³/h Dp = 1 Bar; Tmix = 45°C



Bastion Pump

Finish – Electrophoretic Paint / Black
Dimensions – 130(h) x 90(w) x 127(d) mm

5

Specification	
Energy Efficiency Index (EEI)	≤ 0.20
Maximum Delivery Head	6m
Maximum Volume Flow	3.0m³/h



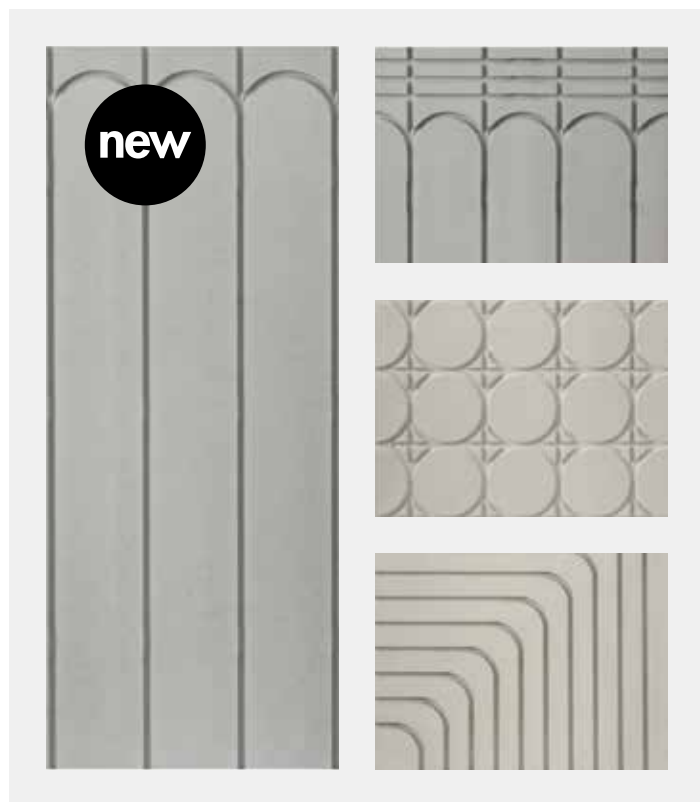
Wilo Pump

Finish – Composite Body / Grey
Dimensions – 139(h) x 93.5(w) x 123(d) mm

2

Specification	
Energy Efficiency Index (EEI)	≤ 0.20
Maximum Delivery Head	6.3m
Maximum Volume Flow	2.6m³/h

Floor Boards



Fibre Reinforced Gypsum Board

Low profile high performance underfloor heating board. Manufactured from reinforced gypsum, the CNC routed panels are engineered to provide optimum underfloor heating conditions in new build and refurbishment developments.

100% dry system that is able to accept various floor finishes (carpets, wood floors, ceramic tiles etc) with 24 hours of installation. A significant time saving benefit over wet system alternatives.

Features + Benefits

Efficient and fast transfer of heat

Suitable for all types of 10,12,16mm pipework

High heat retention

Can be installed as an acoustic system on separating floors

CNC routing options – straights, circles, radius returns and universal

Finish – White

150mm Centre

INHEATS018800 Grooved + Straight UFH Board
18mm x 600mm x 800mm for 12mm Pipes

INHEATSR0181200 Grooved UFH Board (With Serpentine Looped Returns)
18mm x 600mm x 1200mm for 12mm Pipes

INHEATRU0181200 Grooved UFH Board (With Serpentine Loops + 3 Cross Runs)
18mm x 600mm x 1200mm for 12mm Pipes

INHEATC018600 Fully Circled End Return UFH Board
18mm x 600mm x 600mm for 12mm Pipes

60mm Centre

INHEATT015600600 90° Flow + Return Highway UFH Board
18mm x 600mm x 600mm for 12mm Pipes

INHEATH018800 Straight Flow + Return Highway UFH Board
18mm x 600mm x 800mm for 12mm Pipes

Specification

Density	1200 kg/m ³
Thermal Conductivity	0.32 W/mk



Foil Faced Chipboard

A range of CNC grooved chipboards suitable for underfloor heating applications. The high performance boards are available in 1200mm and 2400mm lengths, and finished with a foil facing depending on your project. Boards provide extremely efficient and high performance underfloor heating for building occupants. They are ideal for all types of developments including residential, care homes and offices.

This system is ideal for replacing existing floor boarding on timber joisted floors as it has minimal impact on floor heights.

Features + Benefits

High heat output, with foil facing and pipe centre options

Suitable for all types of 10,12,14 and 16mm UFH pipes

Faster response times – UFH pipes are closer to surface finish than traditional FFB (fit from below) installation

Structurally tested to comply with BS:EN1195

Finish – Aluminium / Silver

150mm Centre

INCHIP0226002400R-FF-12/150 50mu Foil Faced UFH Chipboard
(With Handed Radius Returns Throughout the Board)
22mm x 2400mm x 600mm for 12mm Pipes

INCHIP0226002400R-FF-16/150 50mu Foil Faced UFH Chipboard
(With Handed Radius Returns Throughout the Board)
22mm x 2400mm x 600mm for 16mm Pipes

INCHIP0226001200R-FF-12/150 50mu Foil Faced UFH Chipboard
(With Handed Radius Returns Throughout the Board)
22mm x 1200mm x 600mm for 12mm Pipe

INCHIP0226001200R-FF-16/150 50mu Foil Faced UFH Chipboard
(With Handed Radius Returns Throughout the Board)
22mm x 1200mm x 600mm for 16mm Pipes

Specification

Moisture Absorption	0.6%
---------------------	------

Floor Boards



Routed Extruded Polystyrene (XPS) Board

A range of high quality underfloor heating insulation boards, featuring CNC grooved channels for UFH pipes to be installed.

Insulation boards provide extremely high compressive strength, with 300kPa from 18mm thickness offered as standard.

These high performance underfloor heating panels are ideal for new build and refurbishment projects, and are ideal for all types of developments including offsite, residential and commercial applications.

Features + Benefits

High thermal performance, with an option of foil facing

Suitable for all types of 10,12,16mm UFH pipes, multiple thickness' available

Ultra high compressive strength and high heat transfer

Can be used as part of an acoustic system on separating floors

Finish – Aluminium / Silver

150mm Centre

INXP50186001200(300)R-12/150-FF 300kPa, 50mu Foil Faced UFH Panel
(With Serpentine Loops + 3 Cross Runs)
18mm x 600mm x 1200mm for 12mm Pipes

INXP50206001200(300)R-16/150-FF 300kPa, 50mu Foil Faced UFH Panel
(With Serpentine Loops + 3 Cross Runs)
20mm x 600mm x 1200mm for 16mm Pipes

INXP50256001200(300)R-16/150 300kPa, Plain Faced UFH Heating Panel
(With Serpentine Loops + 3 Cross Runs)
25mm x 600mm x 1200mm for 16mm Pipe

Specification

Compressive Strength	300kPa
Thermal Conductivity	0.034 W/mk
Moisture Absorption	<0.7% (EN 12087)
Reaction to Fire	Euroclass E (EN 13501-1)



Thermal Perimeter Edge Strips

A range of high performance perimeter edge strips, offering a thermal break on the perimeter of each heated floor and also allowing for contraction and expansion of all types of screeded floor finishes.

The closed cell polyethylene foam rolls are available with options of bonded PVC apron and self adhesive backing.

Successful installation of perimeter edge strips will also help with the overall thermal performance to achieve specific U-value and general part L regulations.

Features + Benefits

Lightweight, easy to handle and quick to install

100% recyclable. Zero VOC's – Zero CFCs, Zero ODP's – GWP <5

Available in multiple widths and lengths

Will improve the overall thermal performance and efficiency of floors

Finish – Blue and Grey

Edge Expansion Foam

INDGET0510025SA 5mm x 100mm x 25m rolls
(With Bond PVC Apron + Self Adhesive Backing
– Low Profile Edge Strip)

INDGET0510050 5mm x 100mm x 50m rolls
(With Bond PVC Apron)

INDGET0815025ADH 8mm x 150mm x 25m rolls
(With Bond PVC Apron + Self Adhesive Backing)

Specification

Working Temperature	-60 / +80°C
Material	Extruded closed cell polyethylene foam
Water Absorption	0.02 - 0.03 mg/cm²

Pipes

Guarantees

50 Years
on UFH Pipes

new

**3 Layers PE-RT EVOH Pipe (12mm x 1.6mm)**

Finish – Yellow

Dimensions – 12mm x 1.6mm

IN-PE12080	80m Coil
IN-PE12320	320m Coil

new

**5 Layers PE-RT EVOH Pipe (16mm x 2mm)**

Finish – Yellow

Dimensions – 16mm x 2mm

IN-PE16120	120m Coil
IN-PE16240	240m Coil
IN-PE16300	300m Coil
IN-PE16500	500m Coil

new

**Pert-AL-Pert Pipe (12mm x 1.6mm)**

Finish – White

Dimensions – 12mm x 1.6mm

IN-PAP12080	80m Coil
IN-PAP12160	160m Coil
IN-PAP12240	240m Coil

new

**Pert-AL-Pert MLCP Pipe (16mm x 2mm)**

Finish – White

Dimensions – 16mm x 2mm

IN-PAP16120	120m Coil
IN-PAP16240	240m Coil
IN-PAP16500	500m Coil

Guarantees

2 Years
on UHF Accessories + Ancillaries

Accessories + Ancillaries

Standard Clip Gun + Tracker Clips

After laying the insulating panel, proceed to lay the pipes with the tracker clips using the clip gun tool. The clips, provided in rows of 25 clips each, must be loaded in the tool, the panels are secured by pressing the handle down.

The clips are suitable for pipes with a diameter of 16mm.

Quantity –
1 (IN-CLG01)
300 Pack (ZL-CL01 + ZL-CL02)
Dimensions –
900(h) x 320(w) x 110(d) mm (IN-CLG01)
41.6(h) x 37.5(w) x 6(d) mm (ZL-CL01)
56.5(h) x 36.4(w) x 6.2(d) mm (ZL-CL02)

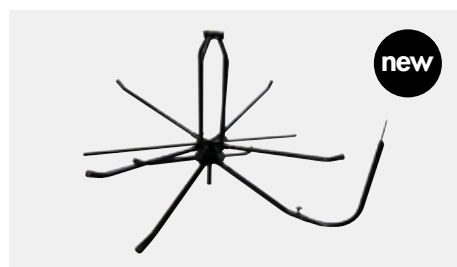
IN-CLG01	Standard Clip Gun
ZL-CL01	40mm Tracker Clips
ZL-CL02	60mm Tracker Clips



Aluminium Spreader Plate

Quantity – 1
Dimensions – 390(h) x 1000(w) x 0.45(d) mm
Pipe Centres –
IN-AP2 – 200mm
IN-AP3 – 133mm

IN-AP2	Double Groove Aluminium Plate (Fit 16mm)
IN-AP3	Triple Groove Aluminium Plate (Fit 16mm)



Premier Uncoiler

Quantity – 1
Dimensions – 887(h) x 1416(w) x 1416(d) mm
Max. Coil Size – 1.3m Max Weight – 200kg

IN-1235E



Pressure Test Pump

Quantity – 1
Dimensions – 160(h) x 490(w) x 160(d) mm

IN-RP-50



Chamfering Device (For 16mm Pipe)

Quantity – 1
Dimensions – 120(h) x 106(w) x 32(d) mm

ZL-1233-16



PVC/PPR Pipe Cutter

Quantity – 1
Dimensions – 230(h) x 95(w) x 35(d) mm
To Cut Pipe Size – 5-42mm

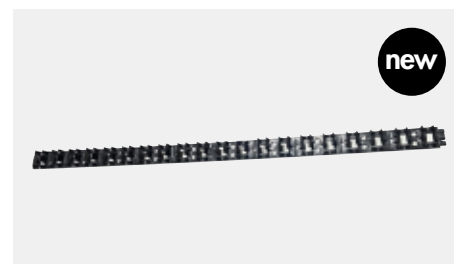
ZL-1232-26



Plastic Elbow

Quantity – 1
Dimensions – 165(h) x 75(w) x 24.5(d) mm
To Fit Pipe Size – 16mm

ZL-PE01



Track Rail Universal 14-16mm (With Tape)

Quantity – 1
Dimensions – 1000(h) x 45(w) x 24(d) mm

IN-CR02

Electric UFH

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Warmup Element™ WiFi Thermostat	24
Warmup Tempo™ Programmable Thermostat	25

Our frequently ordered Electric UFH products...



Warmup Element™ WiFi Thermostat
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Warmup 6iE™ WiFi Smart Thermostat
Page 23

Electric UFH

Thermostats										
		Display				Connectivity			Safety	
										
Range	Page No.	Touch Control	Customise Display	Colour Display	Mono Display	WiFi Control	App Control	Compatible with Smart Devices	IP20 Rated	IP33 Rated
Warmup 6iE™ WiFi Smart Thermostat	23	●	●	●		●	●	●		●
Warmup Element™ WiFi Thermostat	24	●		●		●	●	●		●
Warmup Tempo™ Programmable Thermostat	25				●				●	

Electric Underfloor Heating Features

There are many features in our electric underfloor heating range. Use the icons to help choose the right option for you.



Touch Controls

Multi function touchscreen providing effortless control at your fingertips.



Customise Display

Personalise with photo backgrounds, the only underfloor heating thermostat with this ability.



Colour Display

Clear graphical display makes any adjustment quick and easy. Choose the display style that suits you best – wide choice of screen themes.



Mono Display

Easy-to-use interface and intuitive design enables end users to choose the time as easily as they would with a watch or clock and quickly set their programs.



WiFi Control

Allows you to link your thermostat with your home's existing Smart technologies such as the Amazon Echo or Google Home.



App Control

SmartGeo is a unique technology developed by Warmup and built into the MyHeating App that uses an advanced algorithm to understand the most efficient heat settings for your home.



Compatible with Smart Devices

Monitor your energy + cost graphs on mobile, tablet and desktop.



IP20 Rated

The thermostat is touchproof and will be resistant to dust or objects that are over 12mm in size. However, it has no protection whatsoever against water.

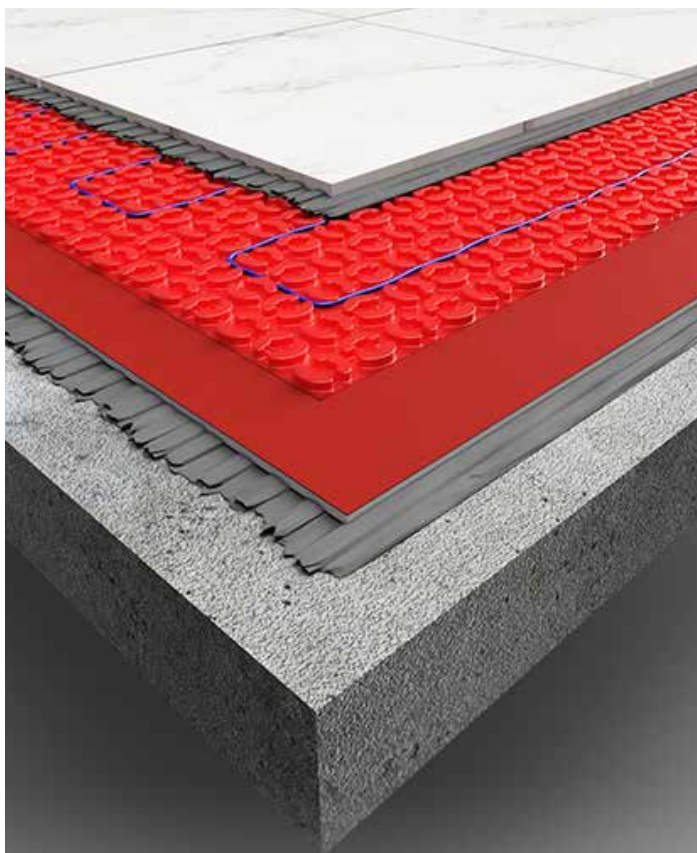


IP33 Rated

The thermostat is protected from tools and wires greater than 2.5mm. Protected from water spray less than 60 degrees from vertical.

Materials

DCM-PRO™



Take a closer look at the DCM-PRO™ features video, scan to find out more



DCM-PRO™ – Heated Decoupling System

Warmup DCM-PRO™ is an electric underfloor heating system that provides anti-fracture protection to tiled floor finishes. There are two alternative decoupling membranes within the range; one is backed with a standard non-woven fleece, the other a peel and stick adhesive, which provides the fastest solution for installing electric underfloor heating.

The patented membranes provide a versatile solution for any heated floor, with the peel and stick version being ideal for rapid installation over Warmup™ insulation or smooth subfloors, while the fleece backed version is better suited to coarse and/or damp surfaces.

● Anti-Fracture Protection

DCM-PRO™ Peel and Stick uses a viscous adhesive that absorbs the strain created as the subfloor grows and shrinks with the seasons, protecting the floor finish from excessive stress that would otherwise cause cracks. DCM-PRO™ Fleece uses a traditional decoupling fleece layer, perfect for use with levellers or for installation on damp or coarse subfloors.

● For a Variety of Floor Finishes

Designed for use under tile and stone floor, the DCM-PRO™ can also be installed under other flooring types including vinyl, carpet and timber by adding a 10 mm layer of levelling compound to the membrane first.

● Fastest to Install

DCM-PRO™ Peel and Stick with its self-adhesive underside can be affixed directly to the subfloor, eliminating the need to use tile adhesive below, significantly reducing installation time.

Protects Floor from Damage

Rated as high performance, DCM-PRO is proven to protect tiled floors from cracking (ANSI 118.12.5.4).

The self-healing decoupling layer contracts and expands to ideal with seasonal changes, preventing damage occurring from gaps and cracks in the subfloor. (Patent No. GB2548319B).



Protects floor surface from damage caused by subfloor movement.

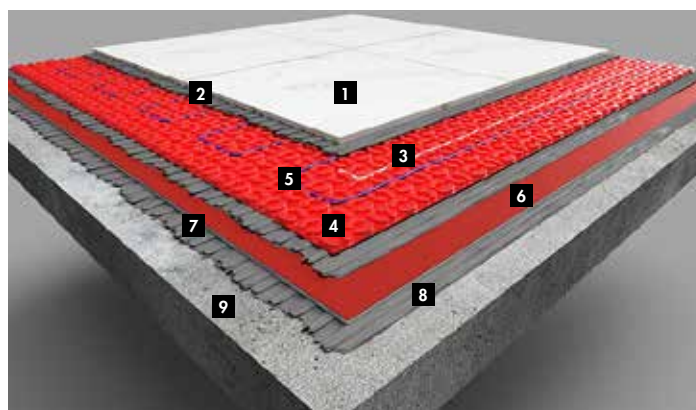


Patented adhesive layer slides and stretches with expansion.



Adhesive layer contracts and self-heals if gap shrinks due to seasonal changes (typical for wood subfloors).

Typical Floor Build-Up



- 1 Floor Finish
- 2 Flexible Adhesive
- 3 Floor Sensor
- 4 Decoupling Membrane (with adhesive backing)
- 5 Heating Cable
- 6 Warmup Ultralight™ (optional)
- 7 Flexible Tile Adhesive (optional)
- 8 Warmup Primer
- 9 Pre-insulated Subfloor (with a surface regularity of SR1*)

*If installing the optional Warmup Ultralight™, refer to its installation manual for its sub floor requirements

DCM-PRO™ Mat – Specification

Product Code	DCM-M-# (Peel and Stick)
Colour	Red
Dimensions	DCM-M-1 – 1m ² Sheet (980mm x 1040mm) DCM-M-15 – 15m ² Roll (980mm x 15.3m)
Composition	Polypropylene mat with self-adhesive backing

DCM-PRO™ Mat V3 – Specification

Product Code	DCM-M-# (Peel and Stick) DCM-F-# (Fleece)
Colour	Red
Dimensions	DCM-#-0.73 – 0.73m ² Sheet (985mm x 741mm) DCM-#-14 – 14m ² Roll (985mm x 14.3m)
Composition	Polypropylene mat with peel and stick or fleece backing



Materials

DCM-PRO™

DCM-PRO™ Cables – Specification

Product Code	DCM-C-X
Connection	3m long coldtail Flat 2 core cable with earth braid
Operating Voltage	230 V AC: 50 Hz
Output Rating	(3 castellations – 90 mm) DCM-C: 150 W/m ²
Heating Cores	Dual core, multi-strand heating element
ASTM C627	Light Commercial Use
Cable Sheath	Blue
IP Rating	X7
Inner / Outer Insulation	ETFE / PVC
Earth Protection	Metal braiding surrounding heating cores
Min. Install Temp.	-10 °C
Spacing	60 mm / 90 mm / 120mm

Convenient Sizing

The standard cable spacing is 3 castellations (90mm), but the system is designed to have the cable spacing adjusted to match both power and area requirements:

DCM-PRO™ 225 W/m² – based on 2 castellations

DCM-PRO™ 150 W/m² – based on 3 castellations (standard)

DCM-PRO™ 112.5 W/m² – based on 4 castellations

Heated area at different spacings, m²

	Castellations		
	2	3	4
	60mm	90mm*	120mm
	225 W/m ²	150 W/m ²	112.5 W/m ²
DCM-C-1	0.7	1.0	1.3
DCM-C-1.5	1.0	1.5	2.0
DCM-C-2	1.3	2.0	2.7
DCM-C-2.5	1.7	2.5	3.3
DCM-C-3	2.0	3.0	4.0
DCM-C-3.5	2.3	3.5	4.7
DCM-C-4	2.7	4.0	5.3
DCM-C-4.5	3.0	4.5	6.0
DCM-C-5	3.3	5.0	6.7
DCM-C-6	4.0	6.0	8.0
DCM-C-7	4.7	7.0	9.3
DCM-C-8	5.3	8.0	10.7
DCM-C-9	6.0	9.0	12.0
DCM-C-10	6.7	10.0	13.3
DCM-C-12	8.0	12.0	16.0
DCM-C-14	9.3	14.0	18.7
DCM-C-16	10.7	16.0	21.3

Cable Section



DCM-PRO™ Mat V3 – Product

	Format	Length	Heated
DCM-PS-0.73	DCM-PRO Peel & Stick V3 Mat - 0.73m ² Sheet	741mm	985mm
DCM-PS-14	DCM-PRO Peel & Stick V3 Mat - 14m ² Roll	14,252mm	985mm
DCM-F-0.73	DCM-PRO Fleece V3 Mat - 0.73m ² Sheet	741mm	985mm
DCM-F-14	DCM-PRO Fleece V3 Mat - 14m ² Roll	14,252mm	985mm

DCM-PRO™ Cables – Ancillaries

	Format	Length	Height	Width	Thickness
DCM-E-25	Perimeter Edge Strip	25m	–	30mm	10mm
DCM-T-10	Waterproofing Tape	10m	–	120mm	1mm
DCM-R-I	Internal Corner	120mm	60mm	120mm	1mm
DCM-R-E	External Corner	120mm	60mm	120mm	1mm



F&Qs

Q – Can the DCM-PRO™ system reduce the risk of my tiled floor developing cracks?

A – As a decoupling system, the DCM-PRO™ has been designed to absorb the normal lateral movement which occurs when the subfloor and finished floor expand and contract at different rates. This has been backed up with a 'High Performance' rating for crack isolation, as externally tested according to ANSI 118.12.5.4 (American National Standards Institute, www.ansi.org).

Q – How does the DCM-PRO™ cable fit into the DCM-PRO™ mat?

A – The DCM-PRO™ cable clips into the castellations of the DCM-PRO™ mat. No tools are required when installing the cable into the mat. It is easily installed by running your foot or thumb along the top of the cable to guide it into the castellations.

Q – How quickly can I lay a floor finish onto the DCM-PRO™?

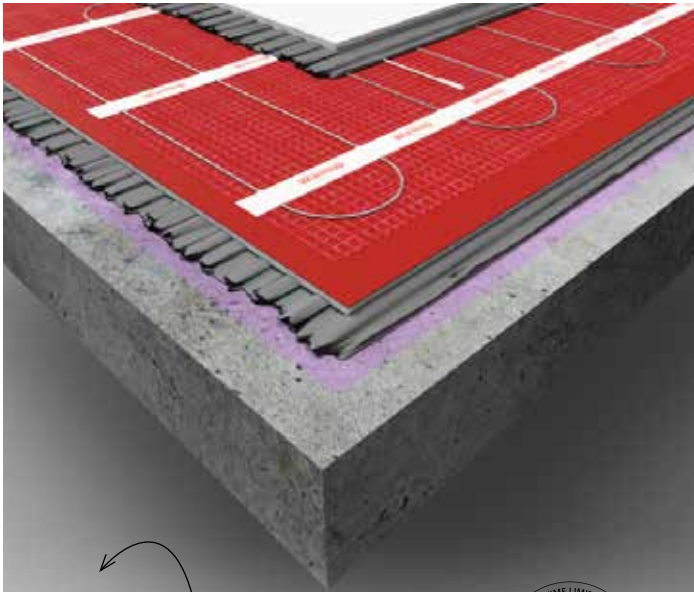
A – Straight away. One of the main advantages of the self-adhesive properties of the DCM-PRO™ is no waiting time. As soon as the mat is fitted, cable installed and cable resistance checked, tiling or self-levelling can be started.

Q – Can the DCM-PRO™ system be used in a wet room?

A – Yes. With the addition of the DCM-PRO™ waterproofing tape installed following the manual, the system is waterproof and can be used in a full wet room environment.

Materials

StickyMat™



Take a closer look at the StickyMat™ installation video, scan to find out more



StickyMat™ – Heated Mat System

The Warmup StickyMat™ System is designed for use within the adhesive layer under tiles or within a levelling compound under other floor finishes. The fixed spacing and self-adhesive mat makes installation of regularly shaped rooms quick and easy whilst ensuring precision is maintained.

The pressure sensitive adhesive securely binds the mats to the floor, keeping them flat and ensuring the application of tile adhesive is snag free whilst allowing the mats to be easily repositioned as needed.

✔ Quick + Easy Installation

Sturdy glass fibre mesh with pressure sensitive adhesive, for the fastest and most secure installation of electric underfloor heating

✔ No Increase In Floor Levels

With an ultra-thin, dual fluoropolymer coated heating wire

✔ Suitable For All Builds

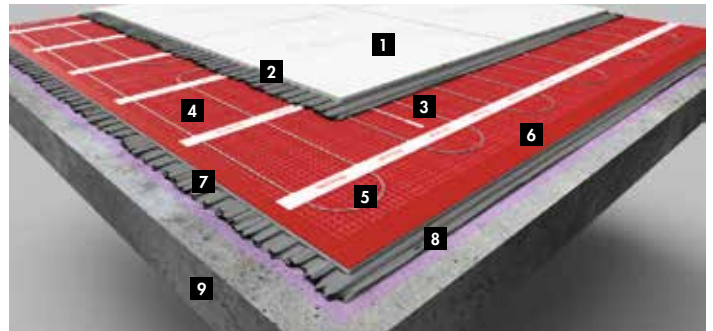
StickyMat™ underfloor heating system is suitable for all building projects; retrofits, new builds and refurbishments

StickyMat™ – Specification

Product Code	SPM / 2SPM
Connection	3m long coldtail, Flat 2 core cable with earth braid
Operating Voltage	230 V AC: 50 Hz
Output Rating	150 W/m ² (SPM) / 200 W/m ² (2SPM)
Heating Cores	Dual core, multi-strand heating element
Thread Connections	BS EN ISO 228-1
IP Rating	X7
Cable Sheath	Translucent
Cable Spacing	80 mm (+/- 3mm)
Mesh	Sticky pressure sensitive fibreglass mesh
Inner / Outer Insulation	ETFE
Earth Protection	Metal braiding surrounding heating cores
Min. Install Temp	-10 °C



Typical Floor Build-Up



- 1 Floor Finish
- 2 Flexible Adhesive
- 3 Floor Sensor
- 4 Fibreglass Mesh (with pressure sensitive adhesive)
- 5 Heating Cable
- 6 Warmup Ultralight™ (optional)
- 7 Flexible Tile Adhesive (optional)
- 8 Warmup Primer
- 9 Pre-insulated Subfloor (with a surface regularity of SR1*)

*If installing the optional Warmup Ultralight™, refer to its installation manual for its sub floor requirements

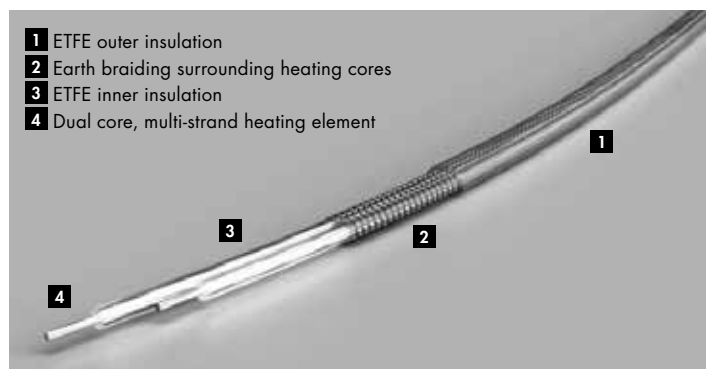
StickyMat™ – 150W/m² System

	Area Heated	Wattage	Amps
SPM1	1m ²	150W	0.65A
SPM1.5	1.5m ²	225W	0.98A
SPM2	2m ²	300W	1.30A
SPM2.5	2.5m ²	375W	1.63A
SPM3	3m ²	450W	1.96A
SPM3.5	3.5m ²	525W	2.28A
SPM4	4m ²	600W	2.61A
SPM4.5	4.5m ²	675W	2.93A
SPM5	5m ²	750W	3.26A
SPM6	6m ²	900W	3.91A
SPM7	7m ²	1050W	4.57A
SPM8	8m ²	1200W	5.22A
SPM9	9m ²	1350W	5.87A
SPM10	10m ²	1500W	6.52A
SPM11	11m ²	1650W	7.17A
SPM12	12m ²	1800W	7.83A
SPM15	15m ²	2250W	9.78A

StickyMat™ – 200W/m² System

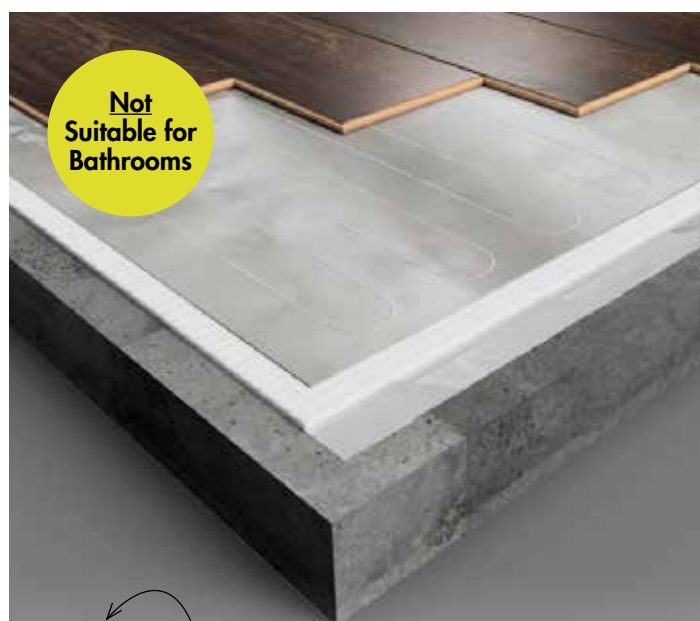
	Area Heated	Wattage	Amps
2SPM0.5	0.5m ²	100W	0.44A
2SPM1	1m ²	200W	0.87A
2SPM1.5	1.5m ²	300W	1.30A
2SPM2	2m ²	400W	1.74A
2SPM2.5	2.5m ²	500W	2.17A
2SPM3	3m ²	600W	2.61A
2SPM3.5	3.5m ²	700W	3.04A
2SPM4	4m ²	800W	3.48A
2SPM4.5	4.5m ²	900W	3.91A
2SPM5	5m ²	1000W	4.35A
2SPM6	6m ²	1200W	5.22A
2SPM7	7m ²	1400W	6.09A
2SPM8	8m ²	1600W	6.96A
2SPM9	9m ²	1800W	7.83A
2SPM10	10m ²	2000W	8.70A
2SPM15	15m ²	3000W	13.04A

Cable Section



Materials

Foil Heater™



Take a closer look at the Foil Heater™ installation video, scan to find out more



Foil Heater™

We recommend using the Warmup Insulated Underlay™ and Dual Overlay™ Systems for maximum efficiency.*

The Warmup Foil Heater™ is an electric underfloor heating system. The Foil heater™ is fitted between the insulating layer and the floating floor deck, adding negligible height to the installation.

Parquet flooring, carpets, vinyls and other resilient floor finishes can be laid over the Warmup Foil Heater™ by using our Dual Overlay™ system to create a thin floating floor deck.

✔ Diffusing Heat Evenly

Foil layer acts a continuous earth layer within the floor construction whilst also diffusing the heat evenly

✔ No Self-levelling required

Installed directly under the floor finish; no self-levelling required

✔ Regular Shaped Rooms

Ideal for regular shaped rooms, where the 0.5m wide mats can be rolled out across the floor in parallel runs

*Excludes bathrooms

Foil Heater™ – Specification

Product Code	WLFH
Operating Voltage	230 V AC: 50 Hz
IP Rating	X7
Width	500mm
Mat Thickness	3mm
Cable Thickness	1.8mm
Output Rating	140W/m ²
Insulation	ETFE
Min. Install Temp	5°C
Connection	3m long coldtail Flat 2 core cable with earth braid



Typical Floor Build-Up



1 Floor Finish

Compatible floor finishes such as laminate, or carpet, linoleum and vinyl flooring if using Dual Overlay

2 Warmup Foil Heater™

3 Warmup Insulated Underlay™

4 Subfloor

Foil Heater™ – 140W/m² System

	Area Heated	Wattage	Amps
WLFH-140W/140	1m ²	140W	0.65A
WLFH-140W/210	1.5m ²	210W	0.98A
WLFH-140W/280	2m ²	280W	1.30A
WLFH-140W/420	2.5m ²	420W	1.63A
WLFH-140W/560	3m ²	560W	1.96A
WLFH-140W/700	3.5m ²	700W	2.28A
WLFH-140W/840	4m ²	840W	2.61A
WLFH-140W/980	4.5m ²	980W	2.93A
WLFH-140W/1120	5m ²	1120W	3.26A
WLFH-140W/1260	6m ²	1260W	3.91A
WLFH-140W/1400	7m ²	1400W	4.57A
WLFH-140W/1680	8m ²	1680W	5.22A

Heater Build-up



1 Single-strand twin conductors heating element

2 Wire Insulation: advanced fluoropolymer

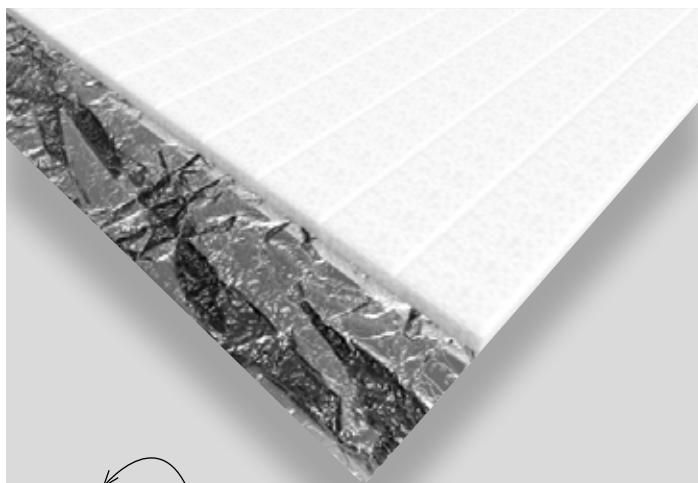
3 Aluminium Foil Earth

Foil Heater – Ancillaries

WDO Warmup Dual Overlay System	7mm Base Boards Pack 2.88m ²
WIU2.5	6mm Underlay – 120cm Wide, 200cm Length – 2.5m ²
WIU5.0	6mm Underlay – 120cm Wide, 400cm Length – 5m ²
WIU10.0	6mm Underlay – 120cm Wide, 800cm length – 10m ²
WIU25.0	6mm Underlay – 120cm Wide, 2000cm length – 25m ²

Materials

Warmup Insulated Underlay™



Take a closer look at the Insulated Underlay™ Installation manual, scan to find out more

Warmup Insulated Underlay™

Effective acoustic properties to reduce contact noise.

Warmup Insulated Underlay™ is a 6 mm ribbed EPS foam insulation with metallised polyethylene foil backing.

Designed specifically for use under the Warmup Foil Heater™ system, it is installed between the subfloor and the Foil Heater™, reducing heat loss downwards, making the system more energy efficient.

Installation is quick, clean and dry, making it an easier option for installers. With the foil acting as a moisture barrier, it is installed foil side down, the protective film from the self-adhesive strip is removed and the underlay is stuck to the subfloor.

Improved Energy Efficiency

Insulates and reduces heat loss making the heating system more energy efficient

Variety Of Floor Finishes

For use under floating wood and laminate flooring or when installed in conjunction with Warmup Dual Overlay™, carpet, LVT, linoleum and vinyl flooring

Essential Heat Resistance

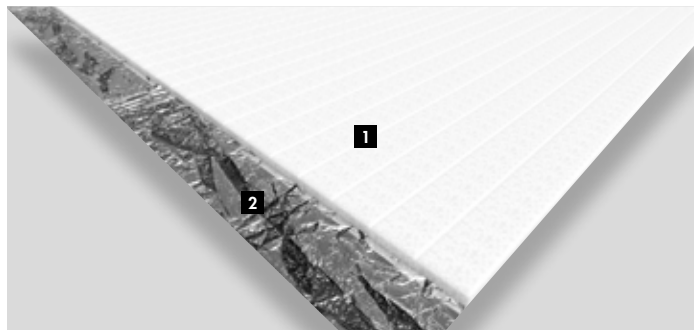
Warmup Insulated Underlay has a 1.7 tog rating. Essential when fitted with the Foil Heater™

Warmup Insulated Underlay™ – Specification

Product Code	WIU
Size	Width - 1200 mm Coverage/Pack - 2.5m², 5.0m², 10m², 25m²
Thickness	6 mm +/- 0.5
Composition	Top Layer – Ribbed EPS Bottom Layer – (silver) polyethylene foil backing
Density (kg/m³)	18
Impact Sound Reduction	21dB ΔLw *
Water Vapour Diffusion Resistance (SD)	> 100
Temperature Range	-30 °C up to +70 °C
Compressive Strength	43 kPa
Thermal Conductivity	0.033 W/m.K
Tog	1.7
Thermal Resistance	0.17 m².K/W
Fire Class EN 13501	Bfl-s1

*When installed with Warmup Dual Overlay

Typical Floor Build-Up



1 6mm, 43kPa ribbed EPS insulation

2 Metallised polyethylene foil backing

Warmup Insulated Underlay™ – Product

	Area Heated
WIU2.5	2.5m²
WIU5.0	5m²
WIU10.0	10m²
WIU25.0	25m²

F&Qs

Q – What is it made from?

A – The top layer of the underlay is comprised of a 6mm grooved lightweight polystyrene (which offers added acoustic properties by reducing contact noise) and a bottom layer of silver foil which has an adhesive overlap to join subsequent rolls. The underlay has a sound reduction of 21dB ΔLw when used in conjunction with Warmup Dual Overlay™.

Q – What is an R Value?

A – The R value is a measure of thermal resistance used in the construction industry. A rating of 0.17 represents a low level of insulation for energy efficiency but promotes faster response times when used over an insulated subfloor.

Q – Can I use this under tiles and stone?

A – No. It is designed for installation with the Foil Heater™ when installed under soft and resilient floor coverings such as wood, carpet, vinyl and linoleum. When your finish needs to be fixed down (glued) such as carpet, then a combination of the Insulated Underlay™, Foil Heater™ and HiDECK Overlay 18™ should be used.

Q – What goes over Warmup's Insulated Underlay™?

A – Warmup's Insulated Underlay™ has been specially developed as part of a system with the Warmup Foil Heater™ and Dual Overlay™ or HiDECK Overlay 18™ to protect the heating wire from sharp heels and heavy point loads. The combined thickness of the Warmup Dual Overlay™ and the Warmup Insulated Underlay™ is 13mm.

Materials

Warmup Ultralight™



Take a closer look at the Ultralight™ features video, scan to find out more



Warmup Ultralight™

4in1 (Insulating, Heat Spreading, Decoupling, Sound Reducing)

Ultralight™ is a specialised composite board designed for floor heating applications. Manufactured as flat, flexible sheets they are water and mould-resistant. The top surface incorporates a heat spreading aluminium layer combined with non-woven fleece.

The core PEF insulation provides thermal separation from the floor beneath, ensuring a rapid thermal response of a heated layer of tiles or levelling compound above.

✔ Improves Comfort and Reduces Running Costs

The heat spreading aluminium layer improves comfort and reduces running costs by providing a 50 % more even heat spread. This enables the floor to achieve the same comfort temperature whilst using 12% less energy. See Fig 1

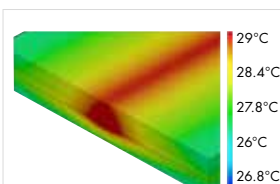
✔ Reduces eUFH Heat Up Times

30% faster heat up times than standard insulation boards

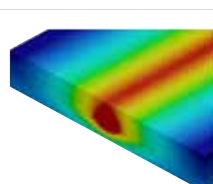
✔ Protection Against Tiles Cracking

Decoupling fleece layer provides high performance protection against tiles cracking due to lateral subfloor movement in accordance with ANSI A118.12 standard

Heat Spread



6 mm Ultralight™ Insulation – 29°C Surface Limit

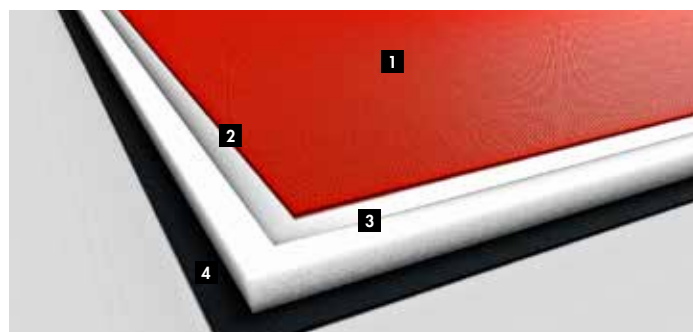


6 mm Traditional Insulation – 29°C Surface Limit

Fig. 1 – Improved Heat Spread of Ultralight™ Vs Traditional Insulation

When operating at a 29°C maximum surface temperature, traditional insulation would result in a minimum surface temperature just below 26°C. By comparison, Ultralight™ increases this to 27.5°C resulting in increased comfort and a 10.5% increase in heat output.

Typical Floor Build-Up



- 1 Non-Woven Fleece
- 2 Heat Spreading Aluminium
- 3 220kPa Insulation
- 4 Decoupling Non-Woven Fleece

Electric Systems – Compatibility

DCM-PRO™	✔
StickyMat™	✔

Warmup Ultralight™ Insulation – Specification

Product Code	WCI-X
Pack Size	1, 6, 16, 170 Boards
Thickness	6 mm ±0.3mm
Dimensions	800mm (W) x1200mm (L) ±6mm
Area	0.96m ²
Weight of Board	1.1kg
Thermal Resistance EN 12667	0.111m ² K/W
Thermal Conductivity EN 12667	0.054 W/mK
Reaction To Fire, EN 13501-1EN ISO 11952-2	Euroclass E
Release of Dangerous Substances, REACH	SVHC ≤ 0.1% w/w
Compressive Strength, 10% Compression, EN 826	220 kPa
Point Loading, Tiled ANSI A118.12	≥ 2.2 kN
Robinson Test, 100 - 199 mm Tiles, ASTM C627	Domestic
Robinson Test, 200 - 599 mm Tiles ASTM C627	Light Commercial
Robinson Test, ≥ 600 mm Tiles ASTM C627	Heavy Commercial
7 Day Shear Strength, ANSI A118.12	113 psi (780 kPa)
Crack Resistance (Anti-Fracture / Decoupling), ≥ 1/8" => High Performance ANSI A118.12	
Long Term Water Absorption, EN 12087	0.052% w/w
Water Vapour Permeability, EN 12086	9.12 mg/m ² h
Mould Growth, ANSI A118.12	Does not support mould growth

Warmup Ultralight™ Insulation – Product

WCI-01	Ultralight Insulation Board 6mm x 800mm x 1,200mm
WCI-06	Ultralight Insulation Board 6mm x 800mm x 1,200mm (Pack of 6 / 5.76m ²)
WCI-16	Ultralight Insulation Board 6mm x 800mm x 1,200mm (Pack of 16 / 15.36m ²)
WCI-170	Ultralight Insulation Board 6mm x 800mm x 1,200mm (Pallet of 170 / 163.20m ²)

Thermostats

Warmup Cement Coated Insulation™



Warmup Cement Coated Insulation™

Waterproof Insulation for Walls + Floors

Warmup Insulation Boards are manufactured from water resistant extruded polystyrene, finished on both faces with a thin layer of fibreglass reinforced cement. They are available in a range of thicknesses, from 6mm to 50mm, to match individual project requirements.

They are ideal for tile backing applications on both walls and floors, with the internal layer of insulation capable of supporting 30 tonnes per square metre. The 1mm thick cement coating provides an excellent surface for tile adhesive, plaster and smoothing/levelling compounds, with no priming required.

✔ Easy Cut + Shaped

Easy to cut and shape around fixtures with a knife or saw

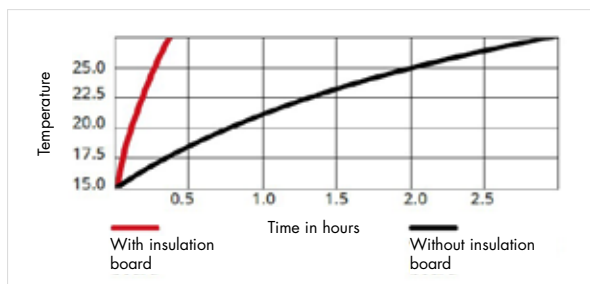
✔ A Range of Thicknesses

Comes in a range of thicknesses to suit floor and wall. It can be fixed to solid or stud walls applications

✔ Creates Waterproof Layer

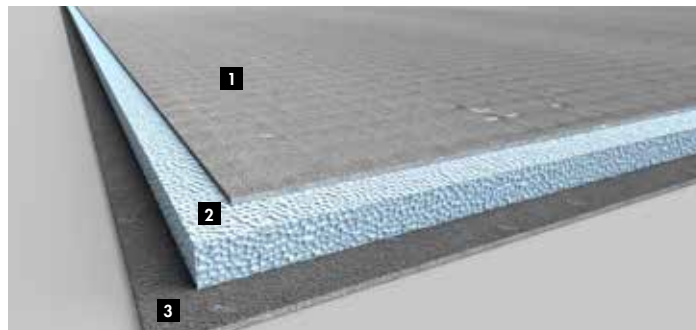
Can be used to easily create a waterproof floors and walls in wet rooms, just by adding silicone sealant to the edges of the board before butting them tightly together. High resistance to rot due to very low absorption rate

Heat Up Chart



In testing, heat-up time was cut from over 2 and a half hours to just 20 minutes. This data applies to Warmup heating products only. Source: Warmup tests performed to EN442-2 standards.

Typical Floor Build-Up



1 1mm Cement coating with fibreglass mesh

2 300kPa XPS insulation

3 1mm cement coating with fibreglass mesh

Warmup Cement Coated Insulation™ – Specification

Product Code	INSBOARDS
Width	600mm
Length	1250mm
Thickness	6/10/20/30/40/50mm
Area	0.75m ²
Weight of Board	2.2/2.3/2.5/2.8/3.0/3.2kg
Thermal Resistance EN 12667	0.11/0.22/0.50/ 0.78/ 1.06/1.33m ² K/W
Thermal Conductivity EN 12667	0.036 W/mK
Compressive Strength, 10% Compression, EN 826	300 kPa
Bond Strength	220 kPa
Shear Bond Strength	325 kPa
Maximum Tile Weight (for Walls)	60kg/m ²
Thermal Expansion Co-efficient (Foam Core ONLY) – mm/m per °	≤0.07
Water Absorption (2 Day Immersion) (Foam Core ONLY) - % by volume	≤1.5
Fire Rating – Euroclass	E
Zone Depletion Potential – ODP	0

Warmup Cement Coated Insulation™ – Product

INSBOARD 6MM	Cement Coated Insulation Board – 6mm x 600mm x 1250mm
INSBOARD 10MM	Cement Coated Insulation Board – 10mm x 600mm x 1250mm
INSBOARD 20MM	Cement Coated Insulation Board – 20mm x 600mm x 1250mm
INSBOARD 30MM	Cement Coated Insulation Board – 30mm x 600mm x 1250mm
INSBOARD 40MM	Cement Coated Insulation Board – 40mm x 600mm x 1250mm
INSBOARD 50MM	Cement Coated Insulation Board – 50mm x 600mm x 1250mm

Warmup Cement Coated Insulation™ – Ancillaries

INS TAPE 90m	Fibreglass Tape – 90m roll
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Thermostats

Warmup 6iE™ WiFi Smart Thermostat



Take a closer look at the 6iE™ features video, scan to find out more



Warmup 6iE™ WiFi Smart Thermostat

World's first UFH controller with a Smartphone touchscreen.

The 6iE™ from Warmup is the world's first UFH thermostat with a smartphone touchscreen providing effortless control at your fingertips. Available in Onyx Black and Bright Porcelain with an ultra-thin (16 mm from the wall) design, it will look great in classic or contemporary homes. Personalise the 6iE™ with photo backgrounds, the only underfloor heating thermostat with this ability.

Set up is done in a matter of seconds, simply scan the QR code which will appear on the 6iE™ using the MyHeating™ app and it will automatically connect to your WiFi network.

✔ Reduces Energy Use By Up To 25%*

Reduce energy use by up to 25% with the energy efficient MyHeating app technology

✔ Automatic Control of Your Heating

Unique SmartGeo™ automatically turns down the heating when you're out

✔ Reduce Energy Bills by up to £400

Using less energy and switching to a cheaper tariff with Warmup AutoSwitch™



6iE™ WiFi Smart Thermostat – Onyx Black



6iE™ WiFi Smart Thermostat – Bright Porcelain

Features + Benefits

Premium ultra-thin design (16 mm from the wall) with the world's first smartphone touchscreen providing effortless control at your fingertips

Personalise the 6iE™ with photo backgrounds, the only underfloor heating thermostat with this ability

Easy to setup. Simply scan the QR code which will appear on the 6iE using the MyHeating app and it will automatically connect to your WiFi network

Compatible with all Warmup Underfloor Heating Systems

Automatic control of your heating. SmartGeo™ learns your routines and location through background communication with your smartphone and lowers temperatures when you are away, only rising them up to your ideal comfort temperature in time for your arrival home saving you money and energy

Helps find the most efficient heat settings for your home

Finish – Onyx Black or Bright Porcelain
Dimensions – 115(h) x 90(w) x 39(d) mm



6iE-01-OB-DC

Onyx Black

6iE-01-BP-LC

Bright Porcelain

Warmup 6iE Thermostat – Specification

Max. Load	16A (3680W)
Max. Ambient Temperature	0 - 40°C
Operating Frequency	2401 - 2484MHz
Sensors	Air & Floor
Sensor Type	NTC 10K 3m Long (can be extended to 50m)
Installation Depth	50mm back box recommended (35mm minimum)
IP Rating	IP33
Compliance	CE & UKCA Marked
Warranty	12 Year Warranty
Er-P Class	IV
Approvals	BEAB

Thermostats

Warmup Element™ WiFi Thermostat



Take a closer look at the Element™ features video, scan to find out more



Warmup Element™ WiFi Thermostat

Warmup's Element WiFi Thermostat has been designed with simplicity and stylish functionality in mind. It brings energy efficient heating control to all Warmup floor heaters.

Warmup's Element™ WiFi Thermostat has been designed with simplicity and stylish functionality in mind. It brings energy efficient heating control to all Warmup floor heaters. Combining smart technology with simple, contemporary design, the Element™ WiFi Thermostat is the perfect all-rounder to control Warmup heating systems.

The Element™ WiFi Thermostat utilises simple touch buttons for accurate control of your underfloor heating system. Its sleek, unobtrusive design will suit any home décor.

Installation and set up is done in a matter of seconds, simply scan the QR code on the Element™ thermostat using the MyHeating™ app and it will automatically connect to your WiFi network.

● Reduces Energy Use By Up To 25%*

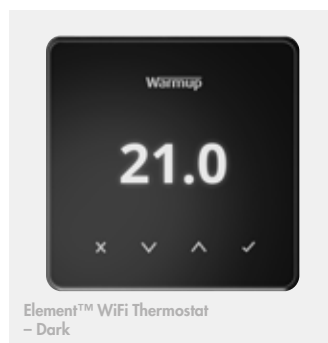
Reduce energy use by up to 25% with the energy efficient MyHeating app technology

● Automatic Control of Your Heating

Unique SmartGeo™ automatically turns down the heating when you're out

● Reduce Energy Bills by up to £400

Using less energy and switching to a cheaper tariff with Warmup AutoSwitch™



Element™ WiFi Thermostat – Dark



Element™ WiFi Thermostat – Light

Features + Benefits

Simple touch buttons for accurate control of your underfloor heating system. Its sleek, unobtrusive design will suit any home décor

Easy to setup. Simply scan the QR code on the Element™ thermostat using the MyHeating app and it will automatically connect to your WiFi network

Reduce energy use by up to 25% with energy efficient MyHeating™ app technology

Compatible with all Warmup Underfloor Heating Systems

Automatic control of your heating. SmartGeo™ learns your routines and location through background communication with your smartphone and lowers temperatures when you are away, only rising them up to your ideal comfort temperature in time for your arrival home saving you money and energy

Helps find the most efficient heat settings for your home

Finish – Dark or Light

Dimensions – 86(h) x 86(w) x 16(d) mm



ELM-01-OB-DC

Dark (Band Colour – Dark Chrome)

ELM-01-WH-RG

Light (Band Colour – Rose Gold)

Warmup Element™ WiFi Thermostat – Specification

Max. Load	16A (3680W)
Max. Ambient Temperature	0 - 40°C
Operating Frequency	2401 - 2484MHz
Sensors	Air & Floor
Sensor Type	NTC 10K 3m Long (can be extended to 50m)
Display	1.8"
Installation Depth	50mm back box recommended (35mm minimum)
IP Rating	IP33
Compliance	CE & UKCA Marked
Warranty	12 Year Warranty with option to upgrade to Lifetime Warranty
Er-P Class	IV
Approvals	BEAB

Thermostats

Warmup Tempo™ Programmable Thermostat



Warmup Tempo™ Programmable Thermostat

The Tempo™ Digital Programmable Thermostat features a simple, clear design and intuitive controls for all Warmup underfloor heating systems.

The Tempo™ thermostat enables end users to choose the time as easily as they would with a watch or clock and quickly set their programs – heat on when they want it and off when they do not need it.

Suitable with all Warmup underfloor heating systems, the Tempo™ thermostat allows you to control the temperature of your underfloor heating to give you comfort, warmth and luxury to match your specific needs.

✓ Better

Easy-to-use interface and intuitive design. With Tempo™, end users can simply program their settings to suit individual requirements, warmer when they are at home, lower when they are away or asleep

✓ Faster

Set-up takes just minutes to get right the first time. It will help avoid wasting energy and achieve savings on utility bills

✓ Smarter

Its Proportional Adaptive Function ensures the room does not over-heat, reducing wasted energy whilst also protecting the components inside



Tempo™ PB Digital Thermostat
– Piano Black



Tempo™ PW Digital Thermostat
– Porcelain White

Features + Benefits

Stylish and contemporary design

Clear screen displaying program details

Easy control with dial and sliders

Suitable with all Warmup electric and water underfloor heating systems

Available in Porcelain White and Piano Black

Perfect for the whole house with the exception of the bathroom

Finish – Piano Black or Porcelain White

Dimensions – 90(h) x 113(w) x 23(d) mm (flush fit)



ELT-PB

Piano Black

ELT-PW

Porcelain White

Warmup Tempo™ Programmable Thermostat – Specification

Max. Load	16A (3680W)
Max. Ambient Temperature	0 - 40°C
Screen Size	45 x 50mm
Sensors	Floor/Air
Sensor Type	NTC 10K 3m Long (can be extended to 50m)
Display Size	45 x 50mm
Input Voltage	230V +/- 15% at 50Hz
IP Rating	IP20
Compliance	CE & UKCA Marked
Warranty	3 Year Warranty with option to upgrade to Lifetime Warranty
Er-P Class	IV
Installation Depth	35mm Back Box
Approvals	BEAB



Warmup Manual Thermostat



Residual Circuit Device, Twin Pole

Warmup Manual Thermostat

MSTAT

Warmup Manual Thermostat

Warmup Manual Thermostat – Ancillaries

RCD

Residual Circuit Device, Twin Pole

Instinct Hot Water Cylinders

Work hand in hand with your boiler

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

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

25 year vessel warranty

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

Available in sizes up to 300 litres

Corrugated heating coil

Manufactured from duplex stainless steel

Manufactured in the UK

Instinct's hot water cylinders work with your boiler to provide your home with the heat and warmth you need, perfect for homes that have a high demand for hot water.

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



Heating

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Heating Features

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

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

Our frequently ordered Heating products...

Easy To Install



Ideal Instinct² Boilers
Page 28



Ideal Heating Cylinders
Page 38-39

Multiple Sizes

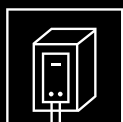


Henrad Compact Radiators
Page 40

ideal
HEATING

INSTINCT²

24 30 35 Combi Boilers



Compact cupboard fit



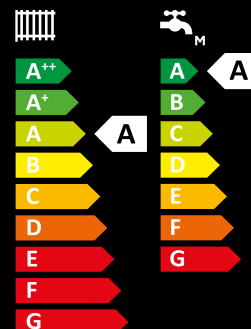
Low lift weight



OpenTherm ready



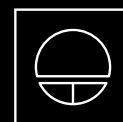
Easy to read pressure gauge



NOx class 6



Frost protection



Improved digital display

Guarantees

5 Years
on Ideal Instinct² Combi Boilers

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)

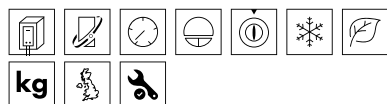
Flue – Fast Fix flue turret connections

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



220481 Ideal Instinct² 24 Combi Boiler

220482 Ideal Instinct² 30 Combi Boiler

220483 Ideal Instinct² 35 Combi Boiler

Don't forget your Heating System Chemicals

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

Page 54-55



Specification	Instinct ² 24	Instinct ² 30	Instinct ² 35
Weight (packaged) (kg)	33.7	33.7	33.8
Max installation weight (kg)	29.9	29.9	30.0
CH output (kW) min/max mean 70°C	4.8 – 24.2	6.1 – 24.2	7.1 – 24.2
CH output (kW) min/max mean 40°C	5.1 – 25.6	6.4 – 25.6	7.5 – 25.6
DHW output (kW) max	24.2	30.3	35.3
DHW flow rate l/min. 35°C rise	9.9	12.4	14.5
SEDBUK rating (2005) %	91.0	91.1	91.0
SEDBUK rating (2009/2012) %	89.0	89.0	88.9
NOx classification	Class 6	Class 6	Class 6
Water heating efficiency class	A	A	A
Max horizontal flue (m)	9	8	6
Max vertical flue (m)	7.5	7.5	7.5
Seasonal space heating efficiency class	A	A	A
Seasonal space heating energy efficiency (η _s) %	94	94	94
Sound power level, indoors (LWA dB)	46	46	41



Boilers

Guarantees

2 Years
on Ideal Thermostat**new**Simple dial
and button
designBacklit colour
screen with large
text and icons**Easy To
Install**Service timer
functionBoiler plus
compliant

Wireless

**Ideal Halo Lite RF Thermostat**

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

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

Features + Benefits

Designed specifically to work with Instinct² Boilers

Wireless control with robust signal

Maintain boiler health with on screen service and fault notifications

Fast and simple to install with out of the box pairing

Advanced settings to tailor controls to tenant and landlord needs

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

Load compensation provides easy Boiler Plus compliance

Frost protection for winter boiler and system protection

Finish – White

Dimensions –

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

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

Installation – Easy Install

Styling – Compact and contemporary design

Display – Large, clear, colour screen

**237423**

Ideal Halo Lite RF Thermostat

Specification

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

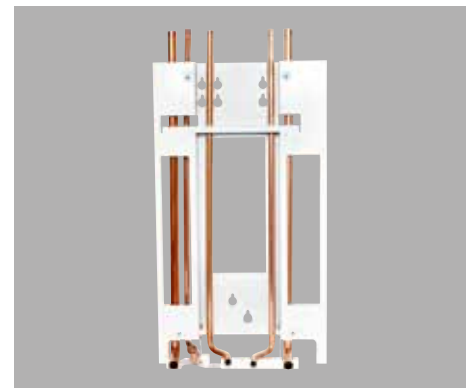
Flue + Accessories**Instinct² Weather Compensation Kit**

Finish – White

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

216119**Horizontal Flue Terminal for Instinct² Combi**

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

208173**Instinct² Stand Off Kit**

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

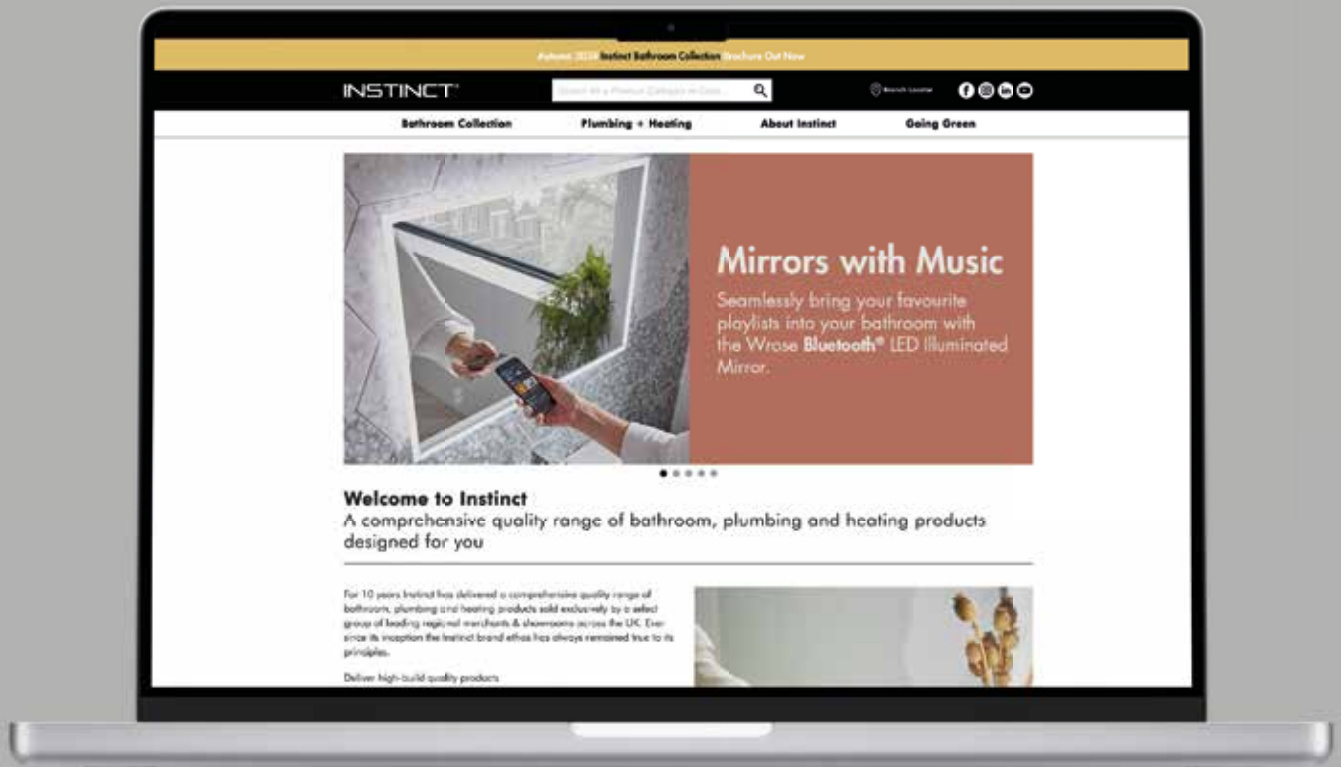
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plumbing + heating products online.



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Condensate Removal Pump

Guarantees

2 Years
on Condensate Removal Pump



**Easy To
Install**

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.

Features + Benefits

Exceptional durability and reliability

Quick and easy installation in any place

Quick and easy maintenance

Regular duty (IP44, 2 Litre tank capacity)

Finish – White

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

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

No. of Inlets – 4 inlets Ø30mm

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

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

Maintenance – Easily removable tank and reversible pump

Float – Oil and acid resistant

Stability – Reinforced mechanical structure improving shocks resistance

Pump – High discharge head

Flow Rate – High flow rate for shorter running time

Thermal Protection – 120°C (auto reset)

Max discharge head – 5.4m (65 l/h)



SI83CE05IN23

Condensate Removal Pump

Kit Contents

Integrated tank pump of 2.0 Litres

Integrated barb end check valve, Ø ext. 10mm

Power cable – 1.8m European plug (L,N,G)

Alarm wires – 1.0m

PVC Tubing – 6m long, 10 mm diameter

ACC02040 Ø 1"-1 1/4" – 1 1/2" (24-32-40m) adapter

2 screws + plug



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www.instinctproducts.co.uk



Guarantees

2 Years
on Pressure Safe System

Pressure Safe System

Pressure Safe System

Designed for gas boilers, the pressure safe system allows a safe discharge of condensates and pressure release valve water.

The pump SI-1800 collects condensates and pressure release valve water. A diffuser reduces the pressure of the water discharged in the pump. If a failure occurs, the pump sends a signal to a regulation box. The regulation box then closes the solenoid valve and stops cold water from entering the boiler.

Features + Benefits

No risk of house floods

No risk of heating system shutting down due to frozen PRV discharge pipes

Notifies failures and informs when contact with the contractor is needed

No long expensive copper pipe runs

No ladder work, no drilling through wall

No water or energy loss

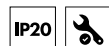
Finish – White

Dimensions – 171(h) x 279(w) x 130(d) mm

Sound (at 3.3ft or 1m in application) – ≤ 45 dBA

Safety – CE, EAC, UKCA

RoHS and WEEE Directives – Compliant



PS1800 Pressure Safe System



Kit Contents

Regulation box including 2 strain reliefs and 4 screws

Solenoid valve with 2 m cable bare ends (L,N,G)

Diffuser

SI1800 – centrifugal pump with tank of 2,0 l

PVC Tubing – 10 mm ID, 5m long

Ø10 to 10 mm (3/8" to 3/8") straight connector for clear tubing Ø10mm extension

2 bags of 2 screws + 2 rawl plugs

Ø int. 15-20-24-32-40 mm (Ø int. 5/8"-3/4"-1"-1 1/4"-1 1/2") inlet adaptor for PVC pipe

Condensate self-sealing evacuation connector, Ø10 mm int.

Ø10 to 20 mm (3/8" to 3/4") outlet adaptor for rigid tubing Ø20 mm

Specification

Max Flow Rate	500l/h
Max Discharge Head	5m
Mains Supply	230V~ 50Hz - 70 W – 0.67A
Protection	IP20
Max Condensate Temperature	65 °C
Max Condensate Acidity	>2.5
Safety Switch	NC 4 A resistive – 250V
Detection	Integrated



Circulating Pumps

Guarantees

5 Years
on Wilo Atmos PICO Circulating Pump



Wilo Atmos PICO Circulating Pump

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

Features + Benefits

New & redesigned small circulator pump

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

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

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

Finish – Green / Black / Grey

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

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

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



4232693 Wilo Atmos PICO 130 (6m)

4232696 Wilo Atmos PICO 180 (8m)

Atmos PICO 130 (6m) – Operating Specification

Field of Application	Heating / Floor heating / Air conditioning
Max. Operating Pressure	10 Bar
Performance Range	6m to 3.5 m³/h
Water Temp at Max Ambient Temp of +40°C	-10°C/95°C
Protection Class	IPX2D
Min/Max Power Consumption	4-40W
Display	7 LEDs
Operation	Push button
Setting (nb curves)	6 curves
Regulation Modes	$\Delta p-v$, 3 speeds
Faults Management	LED with blinking code
Quick Connection	Yes
Dejamming	Automatic
Compactness (L2 dimension)	94.1
EEl	≤0.23

Atmos PICO 180 (8m) – Operating Specification

Field of Application	Heating / Floor heating / Air conditioning
Max. Operating Pressure	10 Bar
Performance Range	8m to 4.3 m³/h
Water Temp at Max Ambient Temp of +40°C	-10°C/95°C
Protection Class	IPX2D
Min/Max Power Consumption	4-75W
Display	7 LEDs
Operation	Push button
Setting (nb curves)	6 curves
Regulation Modes	$\Delta p-v$, 3 speeds
Faults Management	LED with blinking code
Quick Connection	Yes
Dejamming	Automatic
Compactness (L2 dimension)	94.1
EEl	≤0.23

Guarantees

3 Years
on Wilo SB 30 Hot Water Pump

Circulating Pumps

new

Easy To
Install

Non overloading motor

Unique hollow shaft and sintered bronze filter
ensures long, trouble free operation

Condensation proof design as standard
(-10°C to + 110°C)

Wilo SB 30 Hot Water Pump

A bronze secondary circulation pump with a blocking current-proof motor and manual three-stage speed control allowing you to tailor its performance to your specific needs.

It's non overloading motor and unique hollow shaft ensures long, trouble-free operation.

To be used in domestic hot water circulation systems, suitable for drinking water only.

Features + Benefits

WRc approved

Suitable for new and replacement

Condensation proof design as standard
(-10°C to + 110°C)

Unique hollow shaft and sintered bronze filter ensures long, trouble free operation

Non overloading motor

Optional plug in timer for Legionellae protection

Finish – Green / Bronze

Dimensions – 125(h) x 132(w) x 133(d) mm

Weight – 2.5kg



Operating Specification	
Max. Fluid Temperature	65°C
Min. Fluid Temperature	2°C
Min. Ambient Temperature	0°C
Max. Ambient Temperature	40°C
Max. Operating Pressure	10 Bar
Max. Permitted Total Water Hardness	3.21 mmol/l (18°dH)

Motor Specification	
Emitted Interference	EN 61000-6-3
Interference Resistance	EN 61000-6-2
Mains Connection	1~230 V, 50 Hz
Power Consumption	89 W
Rated Current	0.39 A
Protection Class Motor	IP42
Threaded Cable Connection	1 x PG11

Materials	
Pump Housing	Bronze
Impeller	Plastic
Shaft	Oxide Ceramic
Bearing	Carbon, synthetic resin-impregnated

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

Accessories	
Screwed connection R 1/Ø 28 i x G 1½, 1 Set	
Screwed connection R 1/Ø 28 i x G 1½, 24 Set	
Adapter G 1½/G 2	

Cylinders

Ideal Instinct Indirect Pre Plumbed System Ready Cylinders

120 150 170 200 250 + 300

25

Year Guarantee†



Next day delivery available



Proven technologies and quality manufacturing at a competitive price



High corrosion resistant duplex stainless steel



Mains pressure hot water



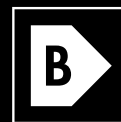
Manufactured in the UK



High quality fittings



Straight pipework for easy installation



B ErP rating up to 170L model

†Guarantees

25 Years
on Vessel

2 Years
on Parts

Cylinders

Ideal Instinct Indirect Pre Plumbed System Ready Cylinders

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



Features + Benefits

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

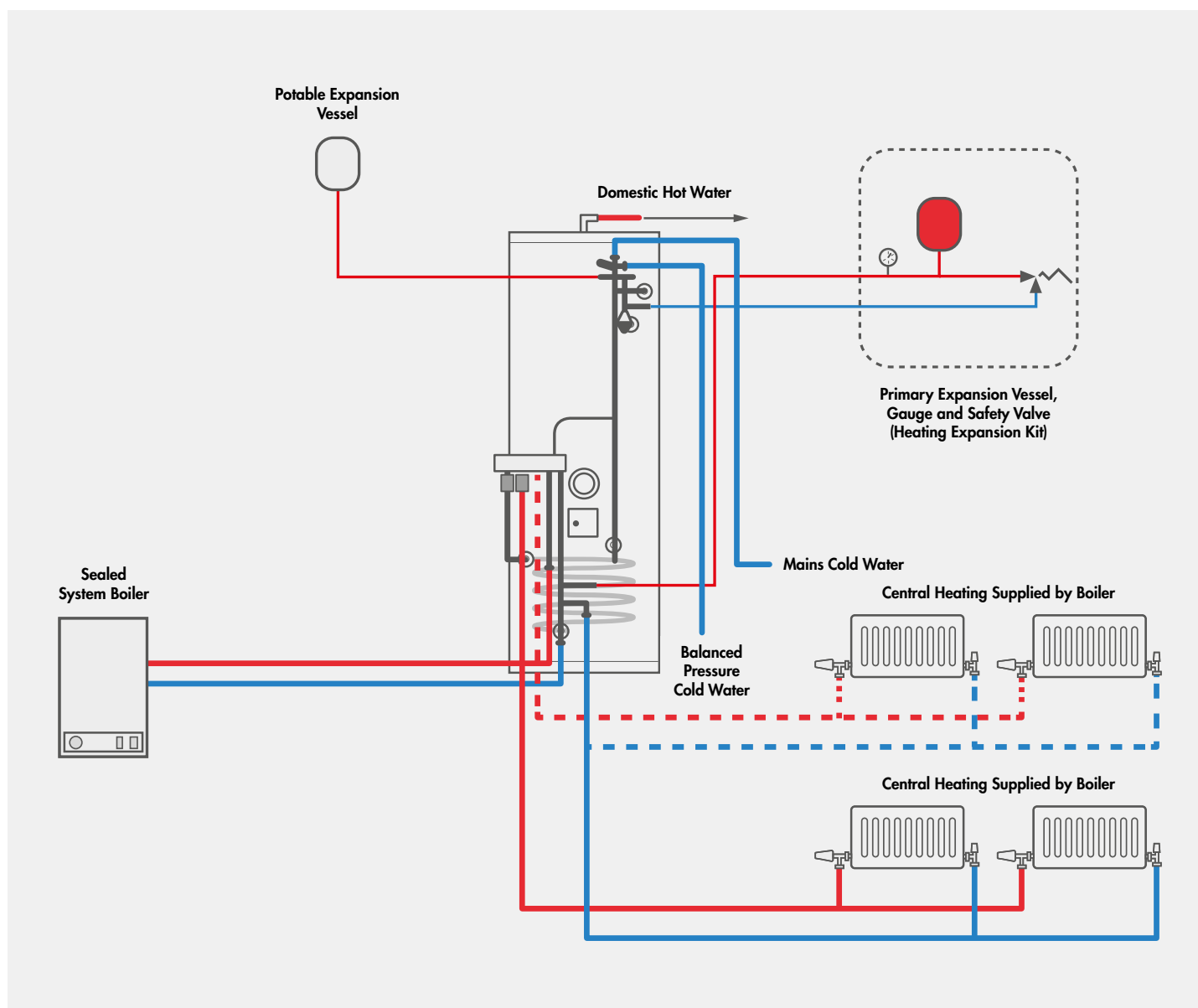
New pipe layout to suit smaller diameter cylinder to enable continuity of branding compared to PRO with wider diameter

Designed with standard plumbing parts for improved ease of installation, and installer familiarity, ensures easy on site installation

Specific designed System Ready for retrofit installations

Straight pipework to assist with insulating and simplicity

Consistent quality fittings with press fittings



Indirect Pre Plumbed System Ready

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

Cylinders

Guarantees

25 Years on Vessel	2 Years on Parts
------------------------------	----------------------------

Ideal Instinct Standard Cylinders

Finish – Grey

Dimensions – See below

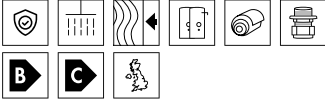
Weight – See below

Material – Highly corrosion resistant duplex stainless steel

Fittings – Compression fittings included as standard

Heating Element – Corrugated heating coil

Capacity – Available in sizes up to 300 Litres

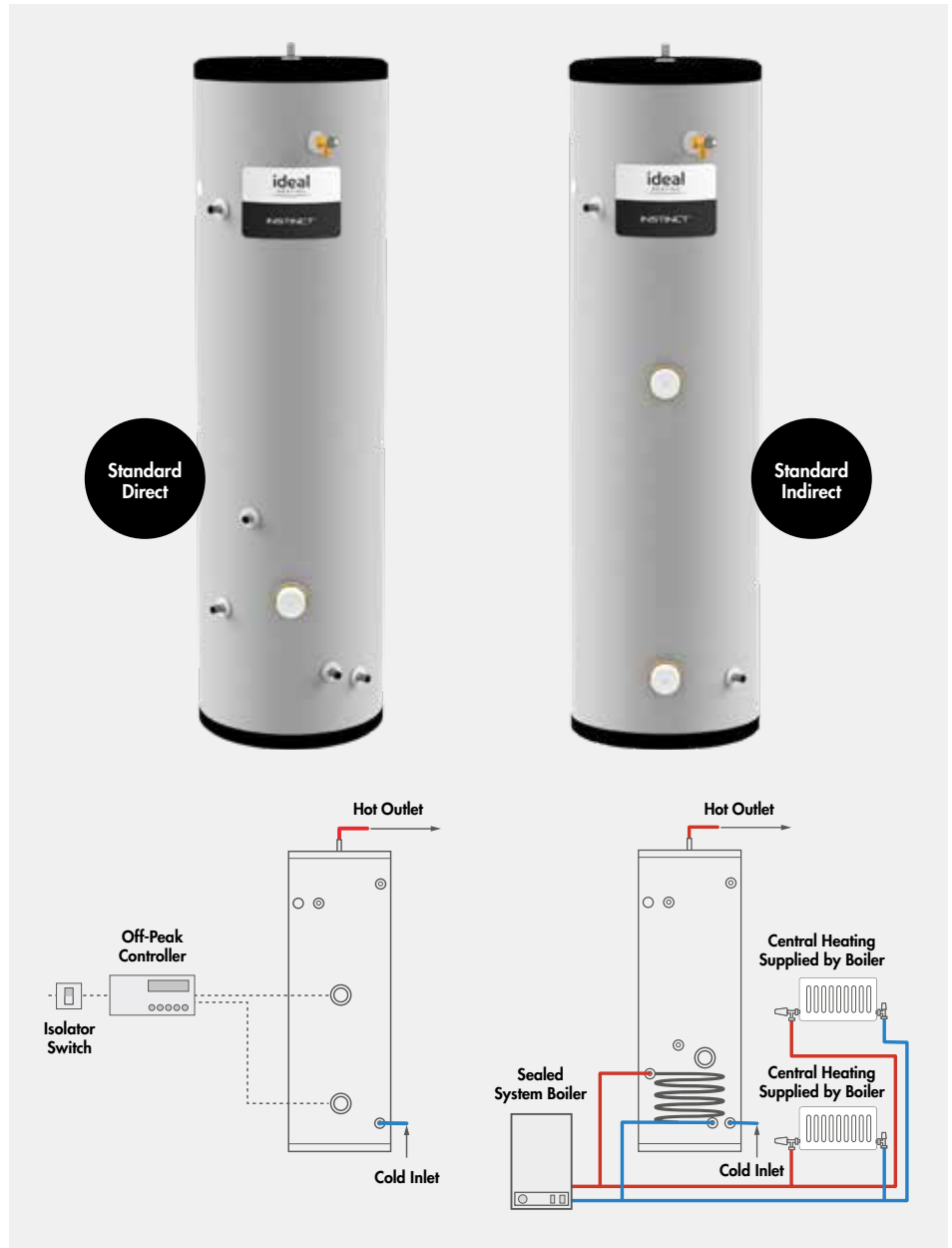


Standard Direct Cylinders

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

Standard Indirect Cylinders

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



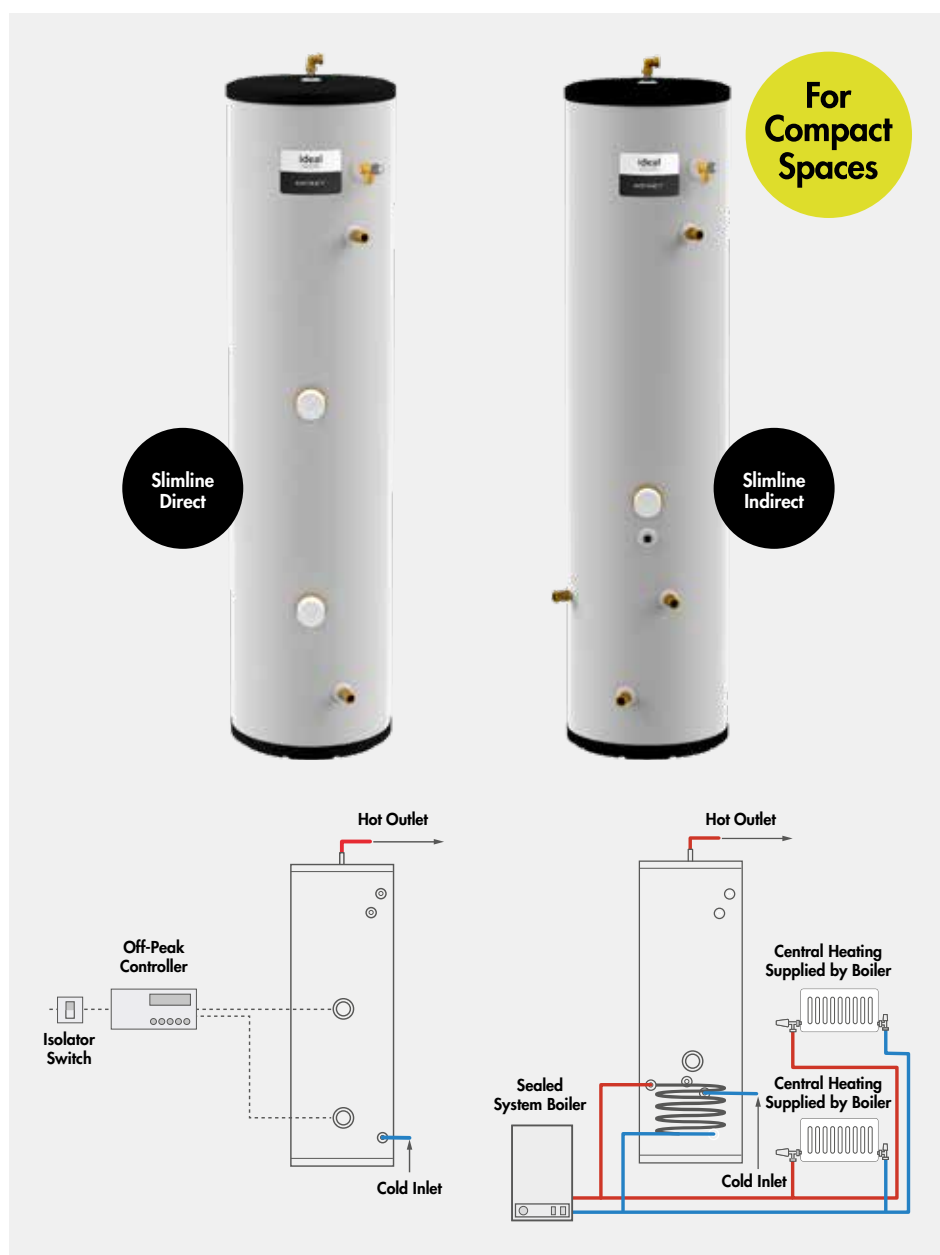
Standard Direct Cylinders

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

Standard Indirect Cylinders

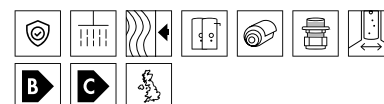
	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter	Weight
IDEINSIN120	B	43 Watts	1.03 kWh/24h	118 Litres	832mm	530mm	19.5kg
IDEINSIN150	B	52 Watts	1.24 kWh/24h	149 Litres	1012mm	530mm	23.3kg
IDEINSIN170	B	57 Watts	1.37 kWh/24h	169 Litres	1131mm	530mm	26kg
IDEINSIN200	C	65 Watts	1.56 kWh/24h	198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

Cylinders



Ideal Instinct Slimline Cylinders

Finish – Grey
Dimensions – See below
Weight – See below
Material – Highly corrosion resistant duplex stainless steel
Fittings – Compression fittings included as standard
Heating Element – Corrugated heating coil
Cylinder Diameter – Reduced diameter of 475mm for smaller properties and space limitations
Capacity – Available in sizes up to 300 Litres



Slimline Direct Cylinders

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

Radiators

Guarantees

10 Years
 on Compact Radiators

Henrad Compact Radiators

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

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

Dimensions – See page opposite

Installation – Henrad Compact has 4 x 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 Bar

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

Single Convactor Type 11

Single Convactor Type 21

Double Convactor Type 22



Radiators

Compact Radiators		Single Convector Type 11			Single Convector Type 21			Double Convector Type 22		
Height	Length	Henrad Code	Heat Emissions		Henrad Code	Heat Emissions		Henrad Code	Heat Emissions	
			Watts	Btu/hr		Watts	Btu/hr		Watts	Btu/hr
300	500	2031105	255	868	2032105	373	1271	2032205	491	1675
	1000	2031110	509	1737	2032110	745	2542	2032210	982	3351
	1500	2031115	764	2605	2032115	1118	3813	2032215	1473	5026
	1600	–	–	–	–	–	–	2032216	1571	5362
	2000	2031120	1018	3473	2032120	1490	5084	2032220	1964	6701
450	400	2011104	302	1032	2012104	422	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
	300	2061103	294	1003	–	–	–	–	–	–
	400	2061104	392	1338	2062104	538	1836	2062204	693	2364
600	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 @ $\Delta t 50^{\circ}\text{C}$

Guarantees

10 Years
 on Compact K3 Radiators

Radiators

Henrad Compact K3 Radiators

The Compact K3 is the ideal choice for low energy systems, providing outstanding heat output from a smaller footprint. Henrad Compact K3 has been independently tested to ensure these radiators perform to a maximum working pressure of 10 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 Bar

STEEL

 Tested
 10 Bar

Compact K3 Radiators

Height	Length	Henrad Code	Heat Emissions	
			Watts	Btu/hr
300	1000	2033310	1349	4603
	2000	2033320	2698	9206
	600	2053306	1234	4210
	700	2053307	1439	4910
	800	2053308	1645	5613
500	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
	400	2063304	956	3262
600	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
700	1800	2063318	4300	14672
	2000	2063320	4778	16303
	2400	2063324	5734	19564
	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


**For Low
Energy
Systems**

**Triple
Convactor
Type 33**

Triple
Convactor
Type 33

For technical specification and information on
additional product ranges, please visit www.henrad.co.uk



Espada Aluminium Radiators

Vertical Radiators

**Quick
Heat Up
Time**

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

**1800 x
520mm
White**

**1800 x
520mm
Anthracite**

Single Vertical Panel

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

AL **H**

White Finish

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

Anthracite Finish

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

Double Vertical Panel

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

AL **H**

White Finish

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

Anthracite Finish

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

Espada Aluminium Radiators

Horizontal Radiators



Single Horizontal Panel

Finish – White or Anthracite

Material – Aluminium

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

AL H

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

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

Double Horizontal Panel

Finish – White or Anthracite

Material – Aluminium

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

AL H

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

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

Espada Radiators

Guarantees

15 Years
on Espada Radiators

Vertical Radiators

**Mild
Steel**
**1800 x
680mm
White**
Double Panel
**Double
White**

Single Panel

Finish – White or Anthracite

Material – Mild Steel

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

White Finish

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

Anthracite Finish

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

Double Panel

Finish – White or Anthracite

Material – Mild Steel

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

White Finish

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

Anthracite Finish

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

Espada Radiators

Horizontal Radiators



Single Panel

Finish – White or Anthracite

Material – Mild Steel

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

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

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

Double Panel

Finish – White or Anthracite

Material – Mild Steel

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

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

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

22mm Towel Rails

Guarantees

15 Years
on Towel Rails

Straight Towel Rails



Chrome Finish

Material – Mild Steel

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

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



Matt Black Finish

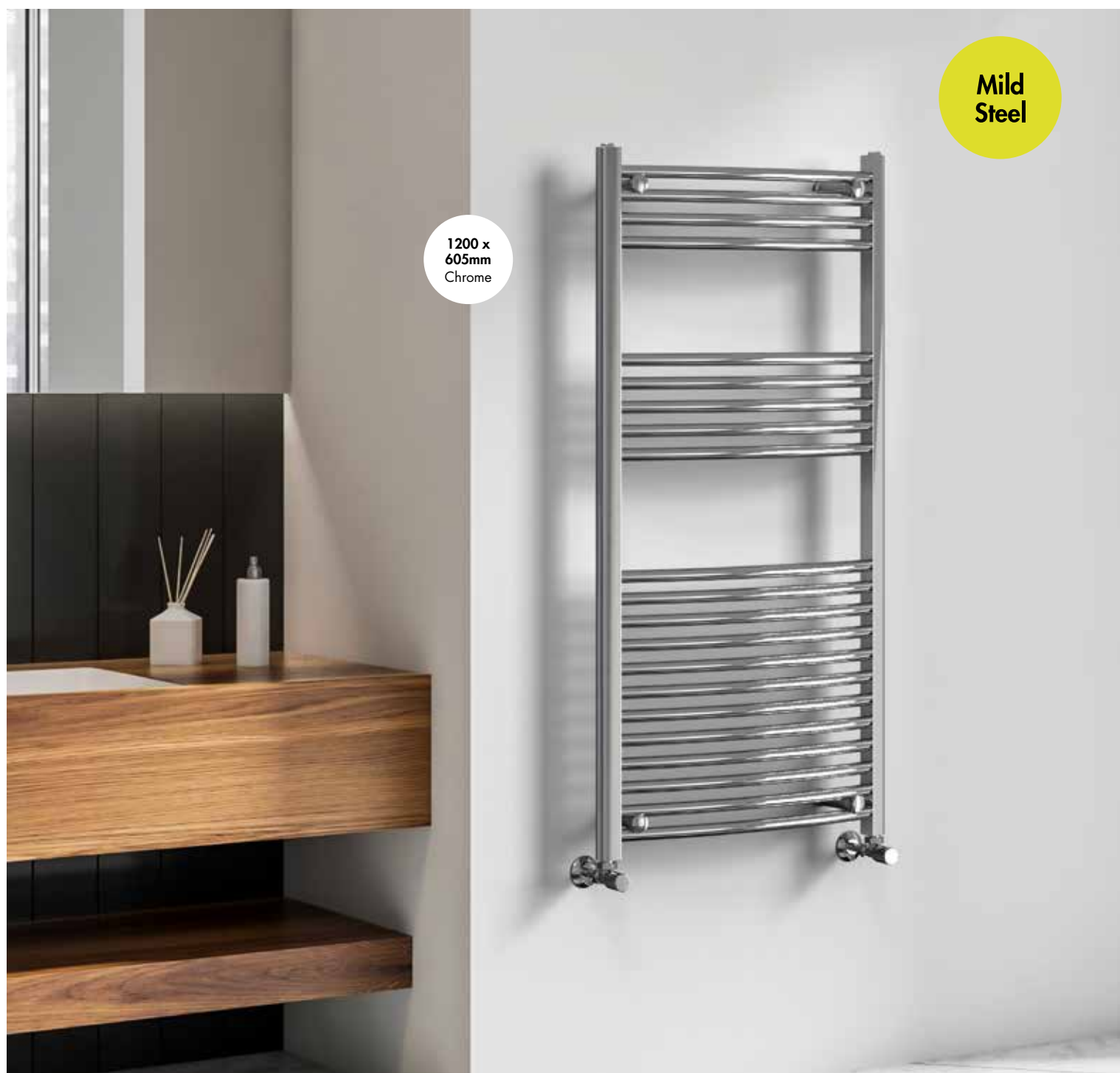
Material – Mild Steel

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

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

22mm Towel Rails

Curved Towel Rails



Chrome Finish

Material – Mild Steel

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

	Height	Width	Depth	Watts	Btu/hr	Electric Element
PHGT080-50PCPV	800	505	103-123	252	860	125
PHGT080-60PCPV	800	605	109-129	295	1007	150
PHGT100-50PCPV	1000	505	103-123	308	1051	200
PHGT100-60PCPV	1000	605	109-129	361	1232	200
PHGT120-50PCPV	1200	505	103-123	378	1290	200
PHGT120-60PCPV	1200	605	109-129	443	1512	300

	Height	Width	Depth	Watts	Btu/hr	Electric Element
PHGT140-50PCPV	1400	500	89-119	413	1411	300
PHGT140-60PCPV	1400	600	95-125	478	1632	300
PHGT160-50PCPV	1600	500	89-119	469	1601	300
PHGT160-60PCPV	1600	605	103-123	580	1979	400
PHGT180-50PCPV	1800	500	89-119	549	1872	400
PHGT180-60PCPV	1800	605	109-129	654	2231	400

Water Treatment

Section Page No.

Scale Inhibitors

Magnetic Scale Inhibitor	51
Electrolytic Scale Inhibitor	51
Trade Magnetic Scale Inhibitor	51

Chemicals

Heating System Chemicals	54
Soldering Paste	54
Cleaning Chemicals	56
Water Testing Strips + Kits	56
Scalemaster i-Test	58

Magnetic Filters

22mm + 28mm Magnetic Filter (Isolation Valves)	60
22mm + 28mm Trade-Tec Magnetic Filter (Isolation Valves)	60
22mm IntaKlean Nano Magnetic System Filter	61
¾" IntaKlean Nano Magnetic System Filter	61
22mm Fernox TF1 Sigma UB Filter	62
 Fernox TF1 Sigma Mini	62
 IntaKlean Heat Pump Filter	63

Our frequently ordered Water Treatment products...



Corrosion Inhibitor
Page 54



System Cleaner
Page 54

Water Treatment Features

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

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

Cost Saving Filter



22mm + 28mm Magnetic Filter (Isolation Valves)
Page 60

Guarantees

2 Years on Scale Inhibitors

1 Year on Trade Scale Inhibitor

Scale Inhibitors



Magnetic Scale Inhibitor

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

Copper Mesh Enhances Limescale Inhibitor Performance

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

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

Finish – Green

Dimensions –

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

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

Installation – Easily installed, slip couplings for easy fit

Maintenance – No moving parts, no maintenance required

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

Manufacture – Made in the UK with Scalemaster® patented technology

Protection – Single appliance protection

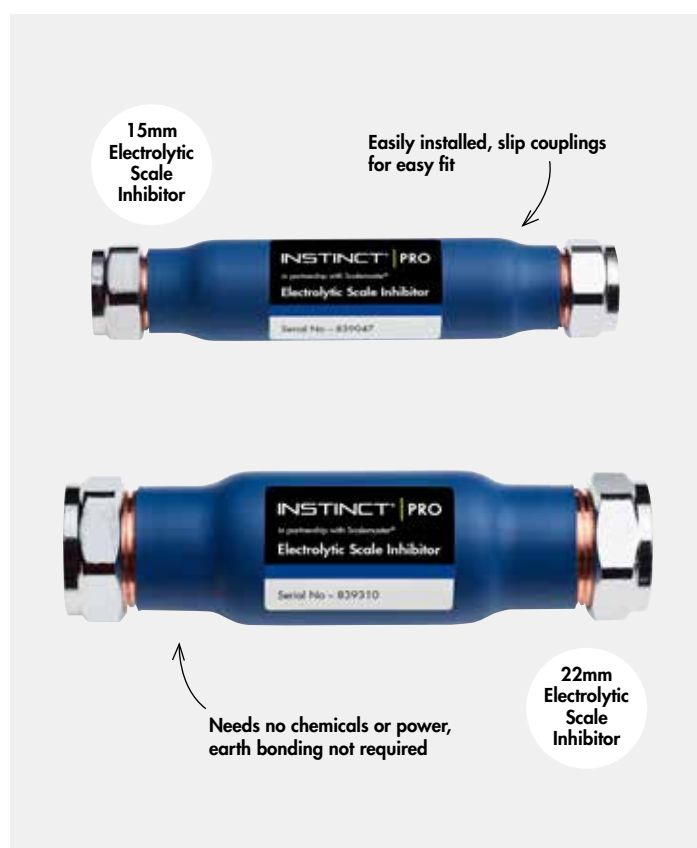
Accreditations – WRAS Approved Product

Economy – Saves on energy costs



403328 15mm Magnetic Scale Inhibitor

403335 22mm Magnetic Scale Inhibitor



Electrolytic Scale Inhibitor

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

Copper Mesh Enhances Limescale Inhibitor Performance

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

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

Finish – Blue

Dimensions –

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

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

Installation – Easily installed, slip couplings for easy fit

Maintenance – No moving parts, no maintenance required

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

Manufacture – Made in the UK with Scalemaster® patented technology

Protection – Whole house protection

Accreditations – WRAS Approved Product

Economy – Saves on energy costs



403342 15mm Electrolytic Scale Inhibitor

403359 22mm Electrolytic Scale Inhibitor

Trade Magnetic Scale Inhibitor

Finish – White

Dimensions –

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

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



403274 15mm Trade Magnetic Scale Inhibitor

INSTINCT® | PRO

in partnership with Scalemaster®

Complete
Range
Available

The perfect concentration for reliable results



www.instinctproducts.co.uk

Chemicals

Introducing the range

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

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

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

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

All 250ml bottles are Non-Hazardous formulations

250ml IN-100 Corrosion Inhibitor is NSF CIAS Approved

Ideal for dosing through a system filter

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



Bottles Made from
50% Recycled Plastic



Manufactured in
Great Britain



**IN-100 Concentrate
Corrosion Inhibitor**



**IN-200 Concentrate
Boiler Noise Reducer**



**IN-300 Concentrate
System Cleaner**



**IN-400 Concentrate
Sludge Remover**



**IN-500 Concentrate
Leak Sealer**



**IN-600 Concentrate
Heat Optimiser**



**IN-700 Concentrate
System Biocide**



**IN-800 Concentrate
Power Cleaner**

Chemicals

Heating System Chemicals

IN-100 Corrosion Inhibitor

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

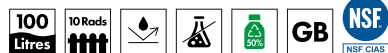
The 5 Litre Bottle (504582) is concentrated and will dose 2000 Litres.

Dimensions –

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

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

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



504513 300ml Aerosol

504223 250ml Bottle

504582 5 Litre Bottle (Concentrated)

Do you need Rapid Inhibitor Test Strips?

Page 56



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 minimum 2 hours, maximum 2 weeks.

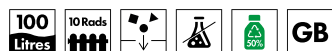
The 5 Litre Bottle (504599) is concentrated and will dose 2000 Litres.

Dimensions –

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

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

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



504520 300ml Aerosol

504247 250ml Bottle

504599 5 Litre Bottle (Concentrated)



IN-500 Leak Sealer

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

Dimensions –

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

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



504537 300ml Aerosol

504261 250ml Bottle



Leak Sealer Paste

Dimensions –

140(h) x 35(w) x 25(d) mm

504384

50g

Chemicals

Heating System Chemicals



IN-200 Boiler Noise Silencer

Dimensions – 137(h) x 72(w) x 49(d) mm



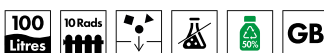
504230

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



Environmentally Friendly

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

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

Chemicals

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



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

INSTINCT® | PRO

in partnership with Scalemaster®

**Increase
Efficiency**

Make heating system chemicals go further

**Each 5 Litre tub contains a
concentrated solution and
will treat up to 2000 Litres,
the perfect size for large jobs.**

Consider a
5 Litre or 25 Litre
tub for your next
purchase, and make
your chemicals
go further.



www.instinctproducts.co.uk



Works with
all chemical
inhibitors

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

(For annual testing compliance with BS7593:2019)



Phone not included.

Water Testing

**Complete
results in
5 minutes**



**Download
the App**

i-Test

Are you British Standard Compliant?

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

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

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

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

Scalemaster® i-Test® – Inhibitor Tester

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

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

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



506104

Scalemaster i-Test

506111

Scalemaster i-Test Replacement Probe (Pack of 10)

506128

Scalemaster i-Test Replacement Probe (Pack of 50)

6 Simple Steps to Check Corrosion Inhibitor Protection



Step 1
Download the app



Step 2
Clean the probe



Step 3
Insert the probe



Step 4
Check tap water



Step 5
Test system water



Step 6
Generate report

Test Methodology

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

Download the instructions and watch the video at www.i-test.com or www.scalemaster.co.uk

Magnetic Filters

Guarantees

2

Years

on Magnetic Filters

2

Years

on Trade-Tec Filters



22mm + 28mm Magnetic Filter (Isolation Valves)

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

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

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 – 239(h) x 90(w) x 182(d) mm (TRMAGFIL22)
271(h) x 90(w) x 182(d) mm (TRMAGFIL28)
- 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
- 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

60

Guarantees

2 Years
on IntaKlean Magnetic Filters

Magnetic Filters



22mm IntaKlean Nano Magnetic System Filter

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

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

Finish – Black

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

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

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

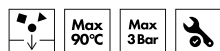
Dosing Capacity – 200ml

Maintenance – Transparent settling chamber to easily identify servicing intervals

Valves – Complete with isolating ball valves

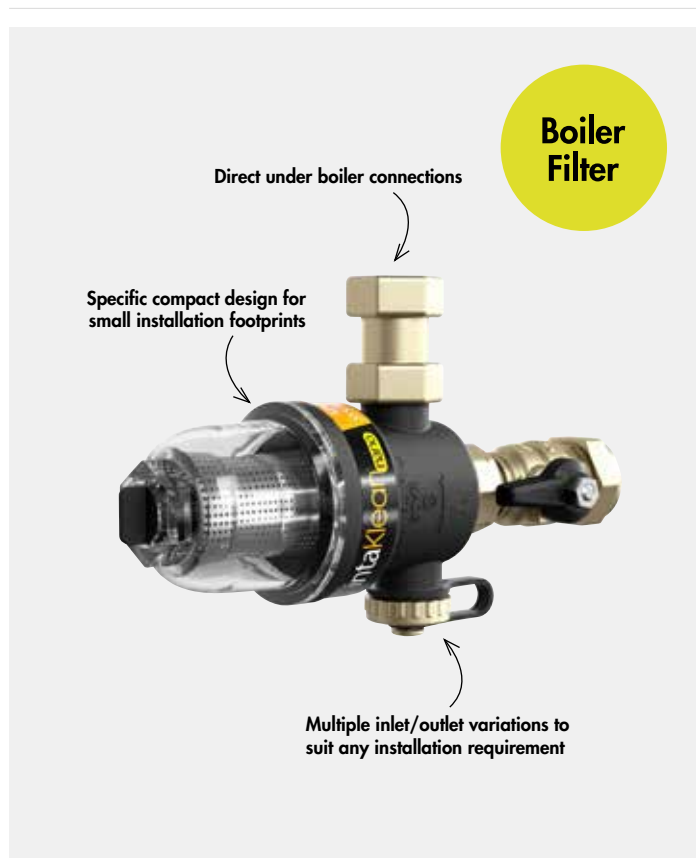
Compatible Fluid – Water, Water + Glycol 50% Max

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



IKN22

22mm IntaKlean Nano Magnetic System Filter



3/4" IntaKlean Nano Magnetic System Filter

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

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

Finish – Black

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

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

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

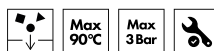
Dosing Capacity – 200ml

Maintenance – Transparent settling chamber to easily identify servicing intervals

Valves – Complete with isolating ball valves

Compatible Fluid – Water, Water + Glycol 50% Max

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



IKN34

3/4" IntaKlean Nano Magnetic System Filter



Magnetic Filters

Guarantees

10 Years
 on Fernox Magnetic Filter


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

**Boiler
 Filter**
**For
 Restricted
 Spaces**


Fernox TF1 Sigma UB Filter (Suitable with Ideal Instinct² Combi Boilers)

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

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

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

Finish – Black

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

Compact Design – A high capacity, compact design

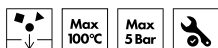
Installation – Ideal for use in restricted spaces

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

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

Filter – Will not block or restrict flow

Maintenance – Can replace return valve if required



62631

Fernox TF1 Sigma UB Filter


new

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



Fernox TF1 Sigma Mini Filter (Suitable with Ideal Instinct² Combi Boilers)

The TF1 Sigma Mini is a compact high-performance system filter that utilises a powerful neodymium magnet to protect your system against the damaging effects of corrosion. The TF1 Sigma Mini has one of the smallest footprints of any filter in the marketplace, which means it can be easily installed directly below a boiler or in restricted spaces on horizontal or vertical pipework.

Finish – Black

Dimensions – 75(h) x 173(w) x 128(d) mm

Compact Design – One of the most compact filters in the market, specifically designed for restricted spaces with as little as 105mm clearance

Installation – Easy and quick to install

Construction – Designed to ensure there is minimal pressure head loss in addition to maintaining a high collection efficiency, whilst ensuring the filter cannot block

Maintenance – Mess-free, fast and easy servicing via the filter drain point, without the need to dismantle component parts



62708

Fernox TF1 Sigma Mini Filter

Guarantees

5 Years
on Inta Magnetic Filter

Magnetic Filters



Take a closer look
at the Inta heat pump
accessories brochure

Air Source
Heat Pump
Filter

new

Actively filters magnetite and
non-ferrous system debris

360° rotation for ease of servicing

Unique direct multi-layered
non-ferrous fine filter

IntaKlean Heat Pump Filter Magnetic Air Source Heat Pump Filter

The IntaKlean HP Magnetic Air Source Heat Pump Filter, featuring Inta's unique direct multi-layered non-ferrous fine filter, is the ideal solution to prevent costly and unnecessary system breakdowns caused by both magnetic and nonferrous particulates in air source heat pump systems.

As well as separating magnetic debris and trapped air in circulating system fluid, IntaKlean HP also includes a completely unique direct filter which contains a multi-layered stainless steel 300-micron fine gauze.

The system debris is forced directly into the filter, breaking down the debris, which then precipitates to the base of the pot.

The remaining magnetic debris is drawn to the centre of the filter and captured by the 11,000-gauss rare earth neodymium magnet.

Finish – Grey

Dimensions – 271(h) x 90(w) x 182(d) mm

Design – Actively filters magnetite and non-ferrous system debris

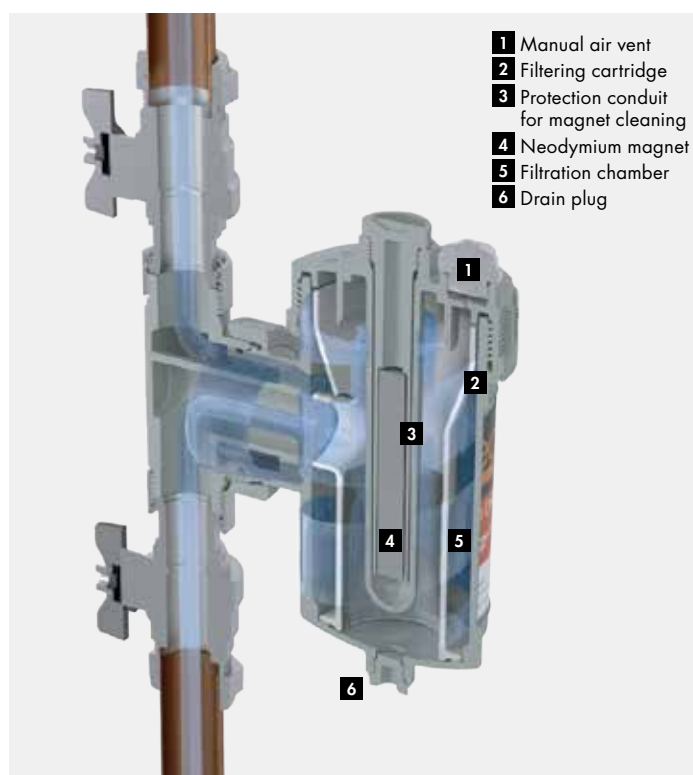
Filter – Unique direct non-ferrous system filter forces system debris directly into the filter core to capture as much system debris as possible

Construction – Multi-layered filter incorporating a 300-micron fine particle filter and a 800-micron mesh filter

Drain Valve – Low-profile drain valve

Installation – Fully removable 11,000 gauss magnet - service the system live

Maintenance – 360° rotation for ease of servicing, manual air vent



Controls

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Control Features



Temperature Adjustment

Max
85°C

Max Flow Temperature

Min
0.2 Bar

Min. Operating Pressure

Max
10 Bar

Max. Operating Pressure



Anti Scald

Our frequently ordered Controls products...

Best Seller



**15mm Angled TRV
(Twin Pack)**
Page 67



**15mm Straight TRV
(Twin Pack)**
Page 66

Great Value



**15mm Angled
Lockshield Manual
Radiator Valve
(Drain Off)**
Page 69

Best Seller



**15mm Straight
Modern
Radiator Valves
(Pair)**
Page 68

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



40015CBA

Anti
Scald



22mm TMV2 / 3 Thermostatic Mixing Valve

Finish – Chrome

Dimensions – 98(h) x 146(w) mm



40022CBA

Anti
Scald



15mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)

Finish – Chrome

Dimensions – 98(h) x 132(w) mm



400MX15CBA

Anti
Scald



22mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)

Finish – Chrome

Dimensions – 98(h) x 132(w) mm



400MX22CBA

Thermostatic Radiator Valves (TRVs)



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

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

INCNT004AP-BL Black

INCNT004AP-AT Anthracite



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

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

INCNT004ST-BL Black

INCNT004ST-AT Anthracite



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

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

INCNT024-BL Black

INCNT024-AT Anthracite



15mm Corner TRV Lockshield (Twin Pack)

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

TRVCNR



15mm Angled TRV (Twin Pack)

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

Max 110°C Max 10 Bar

15PACKACP.1



15mm Straight TRV (Twin Pack)

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

Max 110°C Max 10 Bar

15PACKSCP.1

INSTINCT²

The Ideal Instinct² Combi Boiler

Available in outputs of 24, 30 and 35 kW the Instinct² provides a cost effective heating solution for a range of domestic installations. Designed for a compact space, quick and easy to install and with a low lift weight, the Instinct² combi boiler is the perfect fit.

www.instinctproducts.co.uk

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ideal
HEATING

Easy To
Install

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 Angled TRV

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

Max
110°C

Max
10 Bar

15TRVAWHCP



10mm Angled TRV

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

Max
110°C

Max
10 Bar

10TRVAWHCP



15mm x 10mm One Piece Reducing Bullet

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

1510RED

Are you looking
to replace or
install a new
radiator?

Pages
40-43

With a slim profile and smooth, white finish, Henrad Compact and Compact K3 radiators will blend into any room in the house, to provide guaranteed heating performance.

Multiple
Sizes

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



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

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

Max
100°C

Max
10 Bar

INST-AL034LC



1/2" x 15mm Contemporary Radiator Valves

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

INCNT003AP-ZMB

Angled Valve

INCNT003ST-ZMB

Straight Valve



15mm Angled Square Decorative Radiator Valves (Pair)

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

Max
100°C

Max
10 Bar

INST-AL030LC



15mm Straight Square Decorative Radiator Valves (Pair)

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

Max
100°C

Max
10 Bar

INST-AL031LC



15mm Corner Radiator Valves (Pair)

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

Max
100°C

Max
10 Bar

INST-AL029LC



15mm Dual Fuel Corner Radiator Valves (Pair)

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

Max
100°C

Max
10 Bar

INST-AL049LC



15mm Pipe Cover Set (Pair)

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

Max
100°C

Max
10 Bar

INST-AL033LC

Guarantees

1 Year
on Manual Radiator Valves

Manual Radiator Valves



15mm Angled Manual Radiator Valve

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

Max
85°C

Max
20 Bar

ER-15MMVAL



10mm Angled Manual Radiator Valve

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

Max
85°C

Max
20 Bar

ER-10MMVAL



15mm Straight Manual Radiator Valve

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

Max
85°C

Max
20 Bar

ER-15MMSVAL



15mm Angled Manual Radiator Valve (Drain Off)

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

Max
85°C

Max
20 Bar

ER-15MMDOVAL



10mm Angled Manual Radiator Valve (Drain Off)

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

Max
85°C

Max
20 Bar

ER-10MMDOVAL



Radiator Drain Off Tail Piece

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

Max
85°C

Max
10 Bar

YU-JQAL213HC



15mm Angled Lockshield Manual Radiator Valve

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

Max
85°C

Max
20 Bar

CEMMRV15



10/8mm Angled Lockshield Manual Radiator Valve

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

Max
85°C

Max
20 Bar

CEMMRV10-8



Demountable 10mm Push Fit Elbow (Pair)

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

Max
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

Don't forget your
Heating System
Chemicals

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54-55

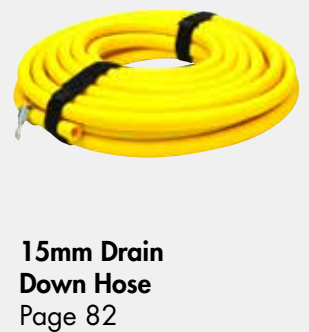
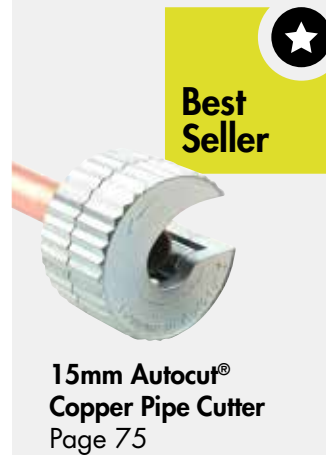
Instinct Pro
Central Heating
System
Chemicals will
actively
contribute to a
healthy heating
system.



Consumables

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Our frequently ordered Consumable products...





PREMIUM

Diamond Tools



A PERFECT CUT
FIRST TIME
*AND SECOND, THIRD,
FOURTH....*

Plumbing Tools

Guarantees

1 Year
on Plumbing Tools



Take a closer look at the
SweatBOX® features video



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

MAST20201L

Guarantees

1 Year
on Plumbing Tools

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

Do you need Soldering Paste?

Use Instinct Flux Soldering paste, suitable for all gas & water capillary joint applications.

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56



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

Plumbing Tools

Guarantees

1 Year
on Plumbing Tools

Monument Masters + Bending

15mm Pipe Bender (With INST1715 15mm Copper Pipe Cutter)

The 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

Features + Benefits

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 pipe bender weighs 1.9kg

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 pipe bender has an arm length of 40cm approx. (a combi arm length is 65cm). It even fits in a tool bag



INST1215AV

Instinct Pro
15mm Pipe Bender

1322EXTENDED

Monument Masters XXII
Extended 22mm Bender



15mm + 22mm Copper Pipe Bender (Guides)

Quantity – 1

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

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

INST2600



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

Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Copper Pipe Cutting + Deburring



10mm Copper Pipe Cutter

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

INST1810N



15mm Autocut® Copper Pipe Cutter

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

INST1715



22mm Autocut® Copper Pipe Cutter

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

INST1722



28mm Autocut® Copper Pipe Cutter

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

INST1728



Spare Wheels (Autocut® + Pipeslice®)

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

Plumbing Tools

Guarantees

1 Year
on Plumbing Tools

Copper Pipe Cutting + Deburring



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



35mm Internal + External Pipe Deburrer

Quantity – 1
Dimensions – 75(h) x 45(w) x 45(d) mm

INST0365



12-54mm Inside/Outside Deburrer

Quantity – 1
Dimensions – 85(h) x 65(w) x 65(d) mm

INST0374



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

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

INST0273



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

Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Plastic Pipe Cutting



6-28mm Plastic Pipe Cutter

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

INST2644



Burrfect Square Plastic Waste Pipe Deburrer

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

INST2116



20-42mm Plastic Pipe Cutter

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

INST2645



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

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

INST0115 15mm

INST0122 22mm

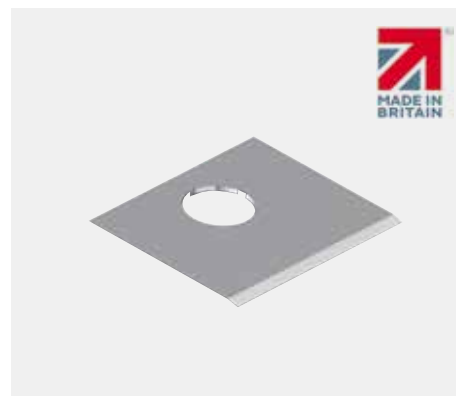


1 1/4" + 1 1/2" Autocut® (Plastic Waste Pipe Cutter)

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

INST1114 1 1/4"

INST1112 1 1/2"



Spare Blades for Autocut® (Plastic Pipe Cutter)

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

INST0100



Take a closer look
at the Autocuts tool
in action!



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 INST1921D 300mm (12") Hacksaw has a die-cast aluminium handle and square section tubular steel frame, which combine to give a lightweight hacksaw with great tensile strength. Adjusts to give 45° angle for flush cutting.



INST1921D



Junior Hacksaw

Quantity – 1

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

INST2000

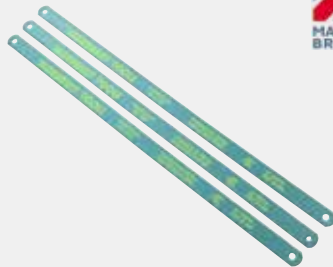


Folding Knife

Quantity – 1

Dimensions – 75(h) x 55(w) x 10(d) mm

INST1023



300mm (12") Hacksaw Blades

Quantity – Pack of 3

Dimensions – 310(h) x 40(w) x 3(d) mm

INST1923



Spare Blade (Junior Hacksaw)

Quantity – Pack of 10

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

INST1120

Standard Trapezoidal Knife Blades

Quantity – Pack of 10

Dimensions – 65(h) x 65(w) x 20(d) mm

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



INST1024



Six Flat Bits

Quantity – Pack of 6

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

INST1950

Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Radiators



Universal Radiator Valve Spanner

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

INST2052



Radiator Step Wrench + Ratchet

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

INST2048



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

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

INST2056



Four-Way Multipurpose Key

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

INST2059



TRV Tail Driver

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

INST2166



Radiator Bleed Keys

Quantity – Pack of 3
Dimensions – 35(h) x 68(w) x 5(d) mm

INST2058-1



Gas Meter + Radiator Bleed Key

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

INST2050



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

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

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

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

INST2055 Twinpack

Plumbing Tools

Guarantees

1 Year
on Plumbing Tools

Taps + Stopcocks



Contractors Telescopic Back Nut Wrench

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

INST0781



Domestic Mains Water Mini Stopcock Key

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

INST0331



Parallel Bush Tap Reseater (Three Cutters)

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

INST0450



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

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

INST0339



Pro Adjustable Basin Wrench (Two Jaws)

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

INST0345



27 x 32mm Tap Back Nut Box Spanner

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

INST0319



45 x 50mm Waste Nut Box Spanner

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

INST0308



8mm-13mm Monobloc Box Spanners

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

INST3240



Malleable Cast Basin Back Nut Wrench

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

INST0327

Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Compression Fittings + Immersion Heaters



Compression Fitting Nut Spanners

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

INST2042



Box Ring Immersion Heater Spanner

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

INST0358



Pro Cast Immersion Heater Spanner 86mm A/F

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

INST0361



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

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

15mm + 22mm Compression Fitting Olive Puller

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

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

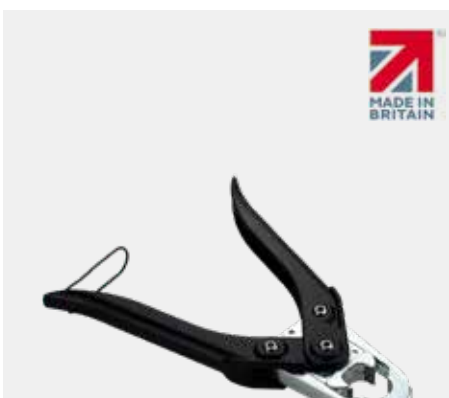
INST2036



22mm Compression Fitting Olive Cutter

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

INST2031



15mm Compression Fitting Olive Cutter

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

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

Not for use on steel olives.

INST2030

Plumbing Tools

Guarantees

1 Year
on Plumbing Tools

Boilers, Flues + System Testing

30mb Gas Test Gauge

Quantity – 1

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

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



INST0257

Dry Test Kit 15mm x 4 Bar

Quantity – 1

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

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



INST1512



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



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

Quantity – 1

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

INST1510



Flue Brushes

Quantity – Pack of 3

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

INST3014



2m Spare Gas Test Gauge Hose (LPG)

Quantity – 1

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

INST1731

Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Wrenches + Spanners



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

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

INST3140



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

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

INST3141



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

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

INST3143



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

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

INST2071



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

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

INST2072



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

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

INST2073



150mm (6") Thin Jaw Adjustable Wrench

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

INST4140



200mm (8") Thin Jaw Adjustable Wrench

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

INST4141



6" + 8" Thin Jaw Adjustable Wrenches

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

INST41499

Plumbing Tools

Guarantees

1 Year
on Plumbing Tools

Miscellaneous



Tape Measure (Backing Card)

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

INST196155 5m

INST196258 8m



Screwdriver

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

INST1518 450mm (18") Flat Head Screwdriver

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



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

Instinct Hot Water Cylinders

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

www.instinctproducts.co.uk

Pages
36-39



Direct
+ Indirect
Models

Slimline
Options

Plumbing Tools

Servicing Essentials



10 Litre Collapsible Bucket

Quantity – 1
Dimensions – 50(h) x 330(w) x 345(d) mm

CWB10L



12' x 9' Cotton Dust Sheet

Quantity – 1
Dimensions – 545(h) x 464(w) x 28(d) mm

AD62822



12' x 9' Laminated Dust Sheet

Quantity – 1
Dimensions – 430(h) x 520(w) x 20(d) mm

A666013



20 Litre Collapsible Bucket

Quantity – 1
Dimensions – 30(h) x 310(w) x 150(d) mm

CWB20L



Medium Grade Steel Wool 450g

Quantity – 1
Dimensions – 90(h) x 90(w) x 380(d) mm

WB28



600mm x 25m Hard Floor Protector

Quantity – 1
Dimensions – 600(h) x 67(w) x 67(d) mm

HFP1



600mm x 25m Carpet Protector

Quantity – 1
Dimensions – 600(h) x 70(w) x 70(d) mm

CP1



Steel Wool

Quantity – Pack of 8
Dimensions – 53(h) x 140(w) x 210(d) mm

WB8



50mm x 45m Aluminium Foil Tape

Quantity – 1
Dimensions – 122(h) x 122(w) x 48(d) mm

A662021



50mm x 50m General Purpose Cloth Tape

Quantity – 1
Dimensions – 132(h) x 132(w) x 50(d) mm

A662020

Plumbing Tools

Aerosol, Grease + Solutions

new



Silicone Grease + Spray

Quantity – 1

Dimensions –

157(h) x 57(w) x 57(d) mm (A665016)

48(h) x 70(w) x 70(d) mm (A665016-TUB)

A665016

100g Tube

665016-TUB

100g Tub

Dimensions –

110(h) x 103(w) x 103(d) mm (A665017)

183(h) x 60(w) x 60(d) mm (PH040)

A665017

500g Tub

PH040

400ml Silicone Spray

new



Pipe Cement 125ml + 250ml

Quantity – 1

Dimensions –

75(h) x 55(w) x 55(d) mm (PVCC125)

88(h) x 75(w) x 75(d) mm (PVCC250)

PVCC125

125ml

PVCC250

250ml

new



Air Duster Spray 120ml + 300ml

Quantity – 1

Dimensions –

165(h) x 65(w) x 65(d) mm (ZE29)

201(h) x 65(w) x 65(d) mm (ZE294)

ZE29

120ml

ZE294

300ml

new



Leak Detector Fluid 250ml

Quantity – 1

Dimensions –

130(h) x 60(w) x 60(d) mm (PH026)

160(h) x 60(w) x 60(d) mm (PH026A)

PH026

250ml (Brush On)

PH026A

250ml (Atomiser)

new



Leak Detector Spray 400ml

Quantity – 1

Dimensions – 238(h) x 65(w) x 65(d) mm

PH020

Plumbing Tools

PPE + Cleaning



Blue Paper Roll (2Ply)
Quantity – 1
Dimensions – 253(h) x 120(w) x 120(d) mm

AHBR240



Blue Paper Roll (3Ply)
Quantity – 1
Dimensions – 253(h) x 125(w) x 125(d) mm

A445031



Heavy Duty Dirty Scrubbers Wipe (80 Pack)
Quantity – 1
Dimensions – 245(h) x 110(w) x 110(d) mm

DSW80



21" x 29" Black Rubble Sacks (10 Roll)
Quantity – 1
Dimensions – 275(h) x 60(w) x 60(d) mm

BRS1



Puggy Work Gloves
Quantity – 1
Dimensions – 362(h) x 136(w) x 33(d) mm

445036M	Medium
A445036	Large
445036XL	XLarge



6mil Heavy Duty Gripster Nitrile Glove
Quantity – Box of 50
Dimensions – 51(h) x 131(w) x 240(d) mm

GRIP50BKM	Medium
GRIP50BKL	Large
GRIP50BKXL	XLarge



Microfibre Cloth Range
Our multi-purpose cleaning cloths are highly absorbent, lint-free, and perfect for any surface—metal, plastic, wood, ceramics, glass, and more.

Dimensions –

145(h) x 55(w) x 205(d) mm (MFCBOX5)
150(h) x 45(w) x 300(d) mm (MFCBOX12)
300(h) x 100(w) x 100(d) mm (MFCROLL30)
145(h) x 155(w) x 310(d) mm (MFCBOX50)

MFCBOX5	Box of 5
MFCBOX12	Box of 12
MFCROLL30	Roll of 30
MFCBOX50	Box of 50

Pre-Packed Fittings

Guarantees

1 Year
on Pre-Packed Fittings



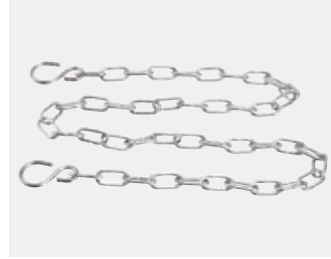
12" Oval Link Chain (Chrome) (Stay)

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



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

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



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

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



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

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



O Rings (Basin + Bath Plugs)

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



Brass Basin Plug (Chrome) (Triangle)

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



Brass Bath Plug (Chrome) (Triangle)

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



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

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



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

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



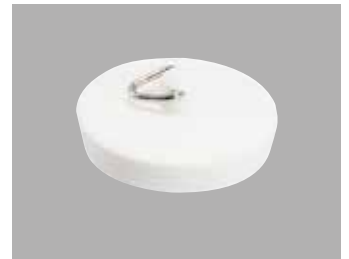
1 3/4" Poly Plug (Black) (Triangle)

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



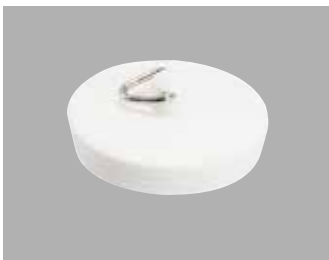
1 1/2" + 1 3/4" Poly Plug Kit (Black)

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



1 1/2" Plastic Basin Plug (White)

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



1 3/4" Bath Plastic Plug (White)

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



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

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



Tap Hole Stopper Abs (Chrome)

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



Domed Chain Hole Stopper (Chrome)

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

Guarantees

1 Year
on Pre-Packed Fittings

Pre-Packed Fittings



Rubber Washer (Sink Waste)

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



Rubber Washer (Basin Waste)

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



Rubber Washer (Bath Waste)

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



Seal Kit (Basin Waste)

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



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

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



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

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



Tap Hole Stopper (White)

Quantity – 1
Dimensions – 32(h) x 50(w) x 50(d) mm

202118-INS



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

Quantity – 1
Dimensions – 15(h) x 60(w) x 80(d) mm

202255-INS



Contract Cistern Lever

Quantity – 1
Dimensions – 150(h) x 34(w) x 119(d) mm

202298-INS



Seal (Clicker Waste 201753 201773)

Quantity – 2
Dimensions – 4(h) x 37(w) x 37(d) mm

202510-INS



O Ring (Basin Mushroom Clicker Waste 201314)

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

202515-INS



Rubber MT Cock Washer

Quantity – 5
Dimensions – 2(h) x 13(w) x 13(d) mm

303396-INS



Cone Washer (Bottom Entry Float Valve Pre Pack)

Quantity – 2
Dimensions – 6(h) x 38(w) x 38(d) mm

306290-INS



Torbeck Valve Washers

Quantity – 1
Dimensions – 17(h) x 30(w) x 30(d) mm

306492-INS



HydroFlo Black Rubber Diaphragm Washer

Quantity – 1
Dimensions – 14.5(h) x 28(w) x 28(d) mm

345366-INS



Part 2 Ball Valve Washer

Quantity – 5
Dimensions – 6(h) x 32(w) x 32(d) mm

306730-INS

Pre-Packed Fittings

Guarantees

1 Year
on Pre-Packed Fittings



1/2" Plastic Piston Pack

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

306810-INS



1/2" HP Plastic Seat

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

306816-INS



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

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

306832-INS



1/2" Part 1 Cotter Pin

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

306850-INS



5/8" Flat Tap Washer

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

306880-INS



Dome Tap Washers

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

306882-INS 1/2"

306884-INS 3/4"



Delta Tap Washers

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

306886-INS 1/2"

306888-INS 3/4"



Pillar Tap Washer

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

306924-INS

Vacca Washer Flat

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

306940-INS 3/8"

306942-INS 1/2"

306944-INS 5/8"

306946-INS 3/4"



Pegler Washer Flat

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

306950-INS 1/2"

306952-INS 3/4"



Straight Boiler Filling Loop

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

307413-INS



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

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

313580-INS



Alloy Radiator Key

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

313704-INS



Brass Radiator Key

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

313708-INS



Brass Clock Radiator Key

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

313713-INS

Guarantees

1 Year
on Pre-Packed Fittings

Pre-Packed Fittings



15mm (Chrome) Snappit Cover 200mm

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

317274-INS



Chrome Pipe Covers + Floor Plate

Quantity – 2 of Each
Dimensions – Please request

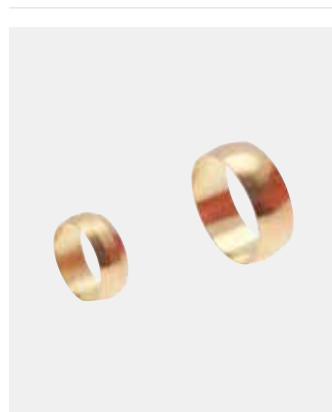
317290-INS



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)

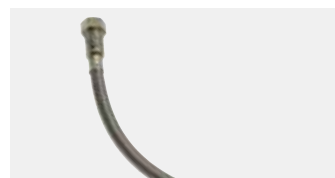
324118-INS	15mm
324122-INS	22mm
324122-INS10	22mm
324154-INS	¾"



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 with 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 with Iso Valve – 30cm

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

324720-INS

Pre-Packed Fittings

Guarantees

1 Year
on Pre-Packed Fittings



1/2" Flexible Tap Fibre Washer

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

324790-INS



3/4" Flexible Tap Rubber Washer

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

324795-INS



1/2" BS5412 Brass Headwork (Pair)

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

330135-INS



1/2" Ceramic Disc Headwork (Pair)

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

330180-INS



Tap Washers

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

330910-INS 3/8"

330915-INS 1/2"

330920-INS 3/4"



Universal Top Hat Washer 1/2" + 3/4"

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

330950-INS



Conical Trap Washers

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

344260-INS 1. 1/4"

340297-INS 1. 1/2"



Flat Trap Washers

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

344215-INS 1. 1/4"

344255-INS 1. 1/2"



Cistern Overflow Stopper (Chrome)

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

344325-INS



Bottom Entry Overflow Pipe Angled

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

344330-INS



1 1/2" Flush Pipe Sealing Ring

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

344335-INS



Shower Hose Washers

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

344405-INS



1/2" Diaphragm Washer (Siamp)

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

345365-INS



Plastic Internal Flush Cone

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

345400-INS



Universal Flush Pipe Connector External

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

345405-INS



Rubber Internal Flush Cone

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

345410-INS

Guarantees

1 Year
on Pre-Packed Fittings

Pre-Packed Fittings



1 1/2" Compression Syphon Nut

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

345420-INS



Oblong Syphon Washer

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

345430-INS



Round Syphon Washer

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

345433-INS 4.1/2"

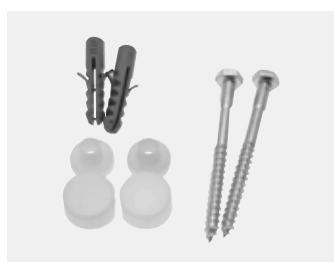
345435-INS 5"



Syphon Bolt Kit Long + Washer

Quantity – 1
Dimensions – Please request

345505-INS



Toilet Pan Screw Set

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

345550-INS



Sanitary Fixing Kit 10 x 120

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

345560-INS



Brass Adjustable Cistern Lift Arm

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

345605-INS



Plastic Adjustable Cistern Lift Arm

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

345610-INS



Cistern Handle Ceramic (Chrome)

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

345617-INS



Metal Cistern Lever Kit (Chrome)

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

345620-INS



Chrome Lever Kit 160mm Spindle

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

345630-INS



E Type Finger Tip Front Cistern Lever

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

345635-INS



Small Cistern C Link

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

345650-INS



Large Cistern C Link

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

345660-INS



C Link Pack (Small and Large Bag)

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

345670-INS



Set of Toilet Seat Hinges (Black)

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

345700-INS

Pre-Packed Fittings

Guarantees

1 Year
on Pre-Packed Fittings



Set of Toilet Seat Hinges (White)

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

345705-INS



Close Couple Cistern Kit

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

345750-INS



Donut Washer

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

345805-INS



Brass Cap

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

348616-INS 1/2"

348620-INS 3/4"



Brass Backnut Heavy

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

348910-INS 1/2"

348917-INS 3/4"



Blanking Nut + Washer

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

348985-INS 1/2"

348987-INS 3/4"



3' 6" Micropoint Hose

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

352020-INS



1/2" Micropoint Socket Straight

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

352070-INS



4' Bayonet Cooker Hose

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

352121-INS



1/2" Bayonet Socket (Angled)

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

352144-INS



1/8" Test Nipples

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

352505-INS



Cooker Safety Chain – 1m

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

352600-INS



Cooker Rest Chain – 16" (BS6172 Kit)

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

352615-INS



Meter Box Key

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

352655-INS

Hose Clips

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

390620-INS Size 00 14mm-20mm

390622-INS Size 0 16mm-22mm

390624-INS Size 0X 18mm-25mm

390626-INS Size 1 25mm-35mm



Guarantees

1 Year
on Pre-Packed Fittings

Pre-Packed Fittings



Copper Saddle Clips

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

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	1/2"
394010-INS	3/4"



Plastic Washers

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

394030-INS	1/2"
394035-INS	3/4"
394040-INS	1"



1 1/4" Plastic Sink Washer

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

394045-INS



1 1/2" Plastic Washer

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

394050-INS



Rubber Pump Gaskets

Quantity – 2
Dimensions – 3(h) x 43(w) x 43(d) mm

305431-INS



PTFE Tape 12mm x 12m Reel (WRAS)

Quantity – 1
Dimensions – 20(h) x 57(w) x 57(d) mm
INST61427N



Gas PTFE Tape 12mm x 5m Reel (WRAS)

Quantity – 1
Dimensions – 20(h) x 57(w) x 57(d) mm
INST61425T

Pipe Clips



16, 22mm Masonry Nail Pipe Clip

Colour – Red, Blue, Black, Grey or Yellow
Quantity – 100 Pack

Red	
M200	16mm
M201	22mm

Blue	
M202	16mm
M203	22mm

Black	
M204	16mm
M206	22mm

Grey	
M207	16mm
M208	22mm

Yellow	
M209	16mm
M210	22mm



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

Double	
INSTT604	15mm
INSTT605	22mm



15, 22mm Clip Link Pipe Clip

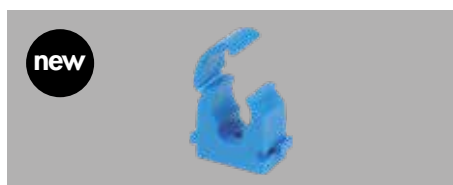
Colour – Red, Blue, Black, Yellow or Black
Quantity – 100 Pack

Red	
P620	15mm
P621	22mm

Blue	
P622	15mm
P623	22mm

Yellow	
P624	15mm
P625	22mm

Black	
P627	15mm
P628	22mm



16, 20, 25, 32mm MDPE Clip Link

Colour – Translucent, Blue or Black
Quantity –
50 Pack (P682, P683, P685, P686, P688, P689)
100 Pack (P680, P681, P684, P687)

Translucent	
P680	16mm
P681	20mm
P682	25mm
P683	32mm

Blue	
P684	20mm
P685	25mm
P686	32mm

Black	
P687	20mm
P688	25mm
P689	32mm



15, 22mm Clip Lock

Colour – HOT Red, COLD Blue, GAS Yellow
Quantity – 100 Pack

HOT Red	
P500	15mm
P501	22mm

COLD Blue	
P502	15mm
P503	22mm

GAS Yellow	
P504	15mm
P505	22mm



15, 22, 28mm Clip Lock Pipe Clip

Colour – White
Quantity – 100 Pack

P100	15mm
P101	22mm
P102	28mm



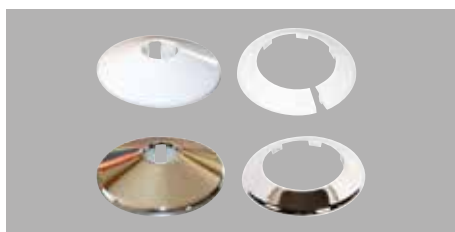
10, 15, 22, 28mm Hinged Clip

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	
INSTP613	15mm
INSTP614	22mm
INSTP615	Spacer Blocker

Trunking Accessories



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

Colour – White or Chrome

Quantity –

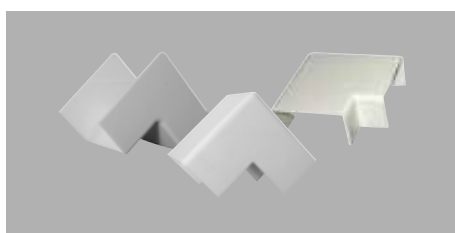
25 Pack (P310, P311, P312, P313, P314, P315, P322)

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



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

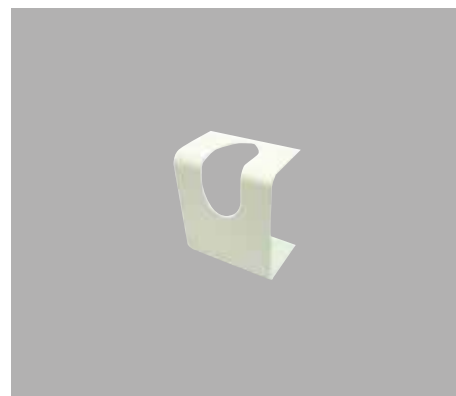
Quantity –

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
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Going Green

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

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

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

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

Small steps, big change.



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