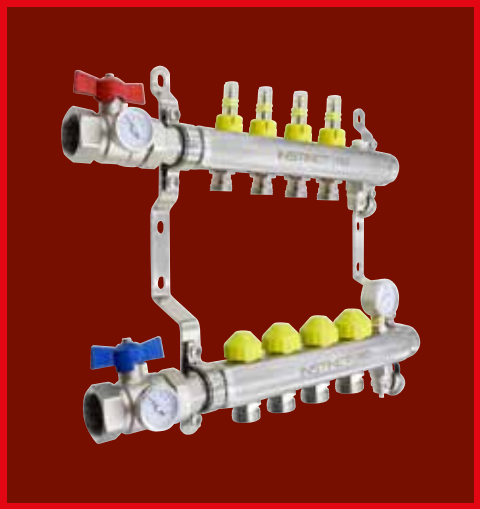
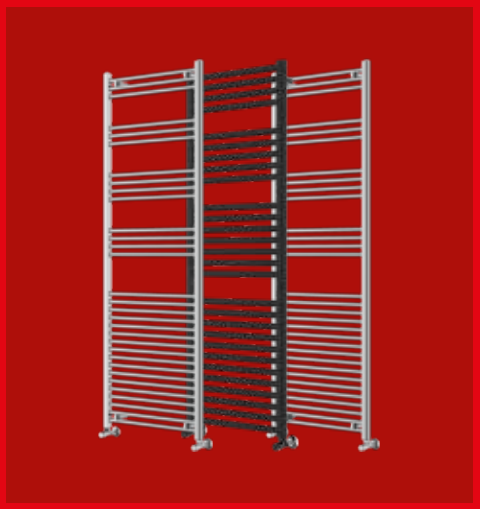
INSTINCT® | PRO

Section	Page No.
Hydronic UFH	4
Electric UFH	14
Heating	26
Water Treatment	50
Controls	64
Consumables	70

Plumbing + Heating Collection
2024/25





For a healthy and efficient heating system

15mm Electrolytic Scale Inhibitor

Easily installed, slip couplings for easy fit

Needs no chemicals or power, earth bonding not required

22mm Electrolytic Scale Inhibitor

15mm Magnetic Scale Inhibitor

No moving parts, no maintenance required

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

22mm Magnetic Scale Inhibitor

Electrolytic Scale Inhibitors + Magnetic Scale Inhibitors
Page 51

Cost Saving Filter

Can be used on all types of central heating systems

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

Immediate confirmation of inhibitor status

Rapid Inhibitor Test Strips
Page 56

Best Seller

IN-100 Concentrate Corrosion Inhibitor
Page 54

Smaller Bottle

IN-300 Concentrate System Cleaner
Page 54

Treats 10 Rad System

IN-500 Concentrate Leak Sealer
Page 54

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.

Contents

Hydronic UFH 4

Electric UFH 14

Heating 26

Water Treatment 50

Controls 64

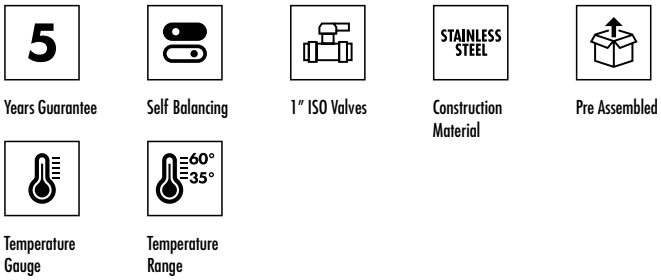
Consumables 70

Hydronic UFH

Section	Page No.
Manifold	
new Stainless Steel Manifold (Hydraulic Balancing)	6
new 230V UFH Actuator	7
Blending Valve + Pump Pack	
new Blending Valve + Pump Pack	8
new Bastion Pump	8
new Wilo Pump	8
Single Room Control Pump Pack	
new Single Room Control Pump Pack	9
Floor Boards	
new Fibre Reinforced Gypsum Board	10
new Foil Faced Chipboard	10
new Routed Extruded Polystyrene (XPS) Board	11
new Thermal Perimeter Edge Strips	11
Pipes	
new 3 Layers PE-RT EVOH Pipe (12mm x 1.6mm)	12
new 5 Layers PE-RT EVOH Pipe (16mm x 2mm)	12
new Pert-AL-Pert Pipe (12mm x 1.6mm)	12
new Pert-AL-Pert MLCP Pipe (16mm x 2mm)	12
Accessories + Ancillaries	
new Standard Clip Gun + Tracker Clips	13
new Aluminium Spreader Plate	13
new Uncoiler	13
new Pressure Test Pump	13
new Chamfering Device (For 16mm Pipe)	13
new PVC/PPR Pipe Cutter	13
new Plastic Elbow	13
new Track Rail Universal 14-16mm (With Tape)	13

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.



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)
Page 9

INSTINCT® | PRO

h2x

Underfloor Heating Designs Made Simple

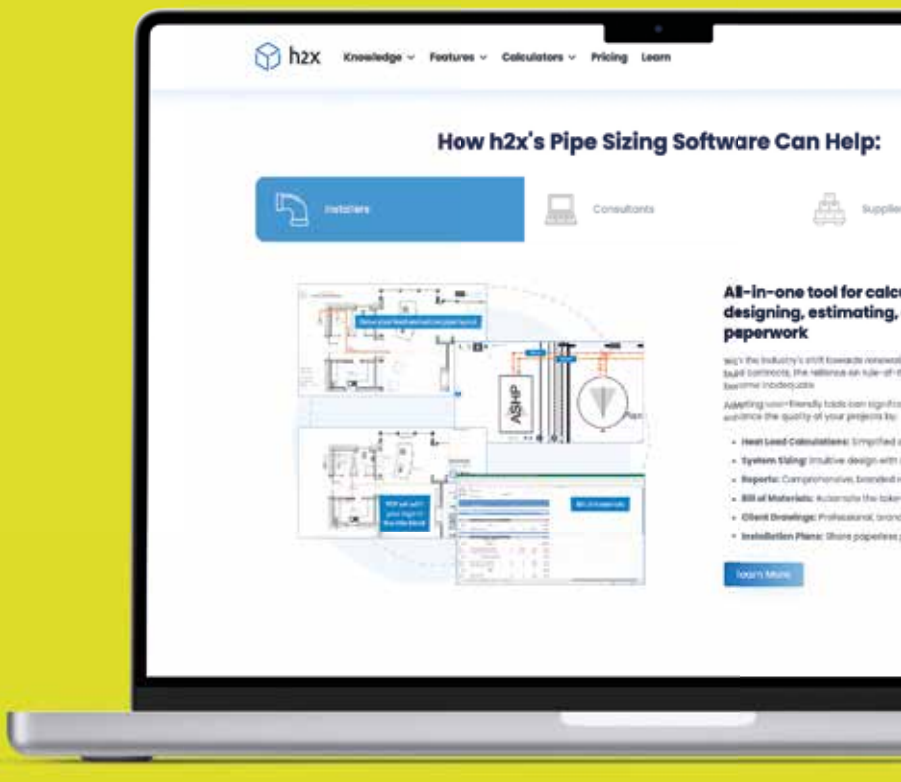
All-in-one tool for calculating, designing, specifying and drawings.

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

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

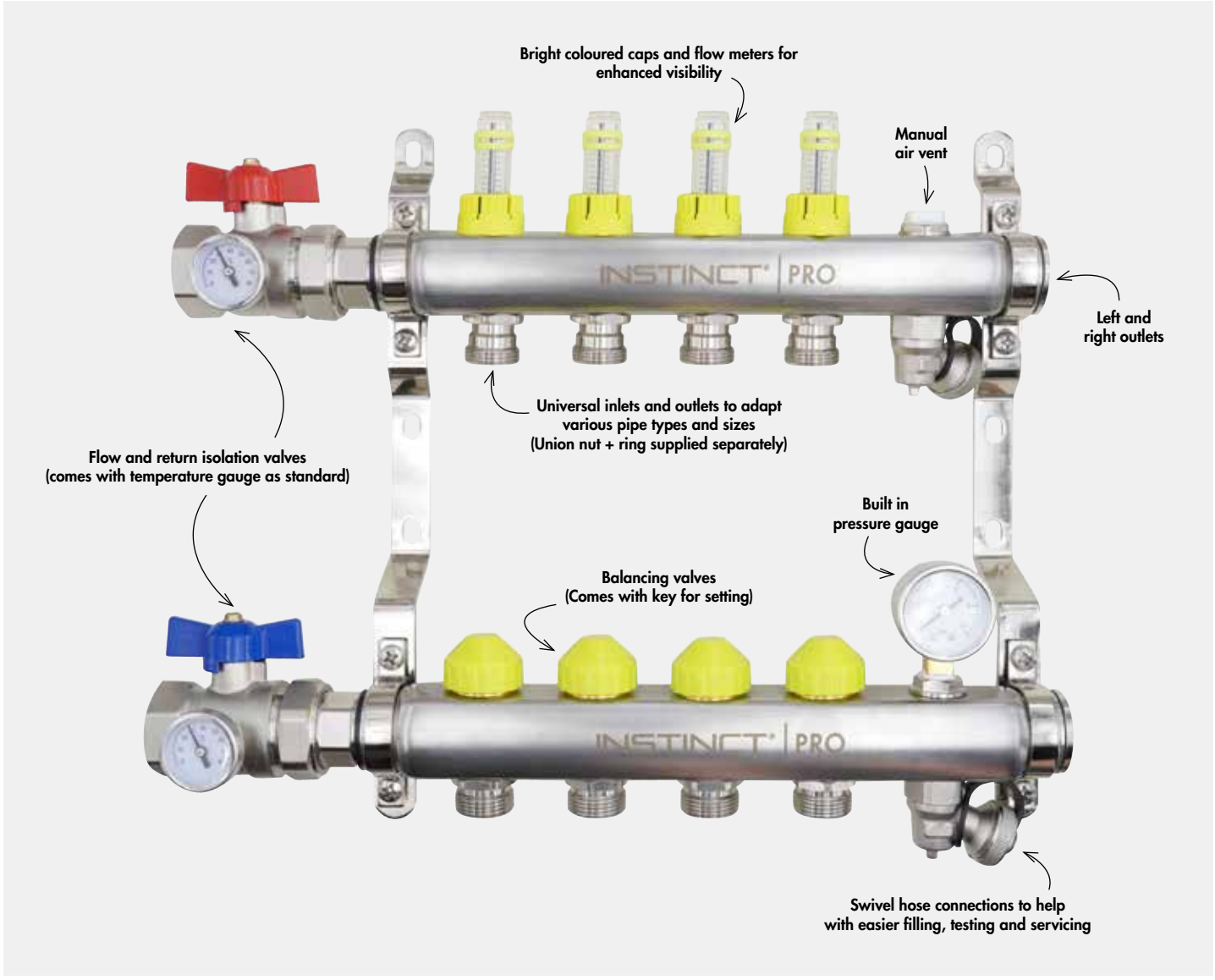
Guarantees

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 According to EN60335-1	2.5 kV

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 ¾" 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	2.8m³/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

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

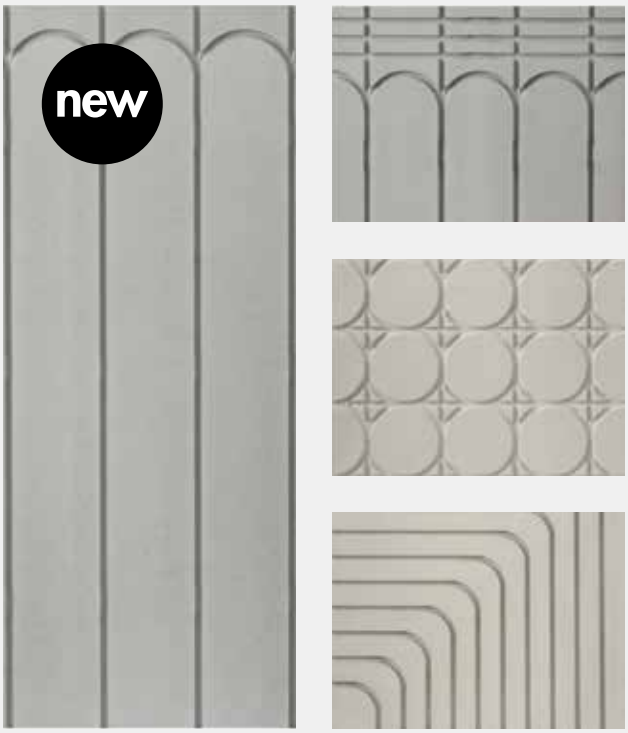
Wilo Pump

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/m³
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	
INXPS0186001200(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
INXPS0206001200(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
INXPS0256001200(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-valve 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

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

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

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

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 UFH 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.

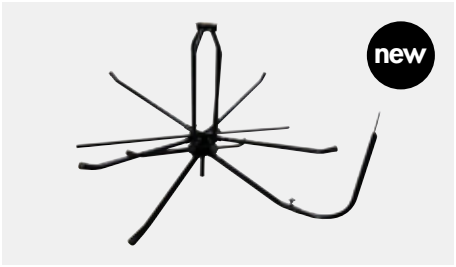
Quantity –
1 (IN-CLG01)
300 Pack (ZL-CL01 + ZL-CL02)
Dimensions –
900(h) x 320(w) x 110(d) mm (IN-CLG01)
41.6(h) x 37.5(w) x 6(d) mm (ZI-CL01)
56.5(h) x 36.4(w) x 6.2(d) mm (ZI-CL02)

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

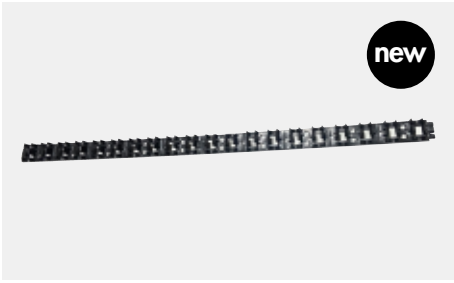
Quantity – 1
Dimensions – 230(h) x 95(w) x 35(d) mm
To Cut Pipe Size – 5-42mm

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

Warmup
The world's best-selling floor heating brand™

Electric UFH

Section	Page No.
Materials	
DCM-PRO™	16
StickyMat™	18
Foil Heater™	19
Warmup Insulated Underlay™	20
Warmup Ultralight™	21
Warmup Cement Coated Insulation™	22
Thermostats	
Warmup 6iE™ WiFi Smart Thermostat	23
Warmup Element™ WiFi Thermostat	24
Warmup Tempo™ Programmable Thermostat	25

Our frequently ordered Electric UFH products...

Warmup Element™ WiFi Thermostat
Page 24

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.

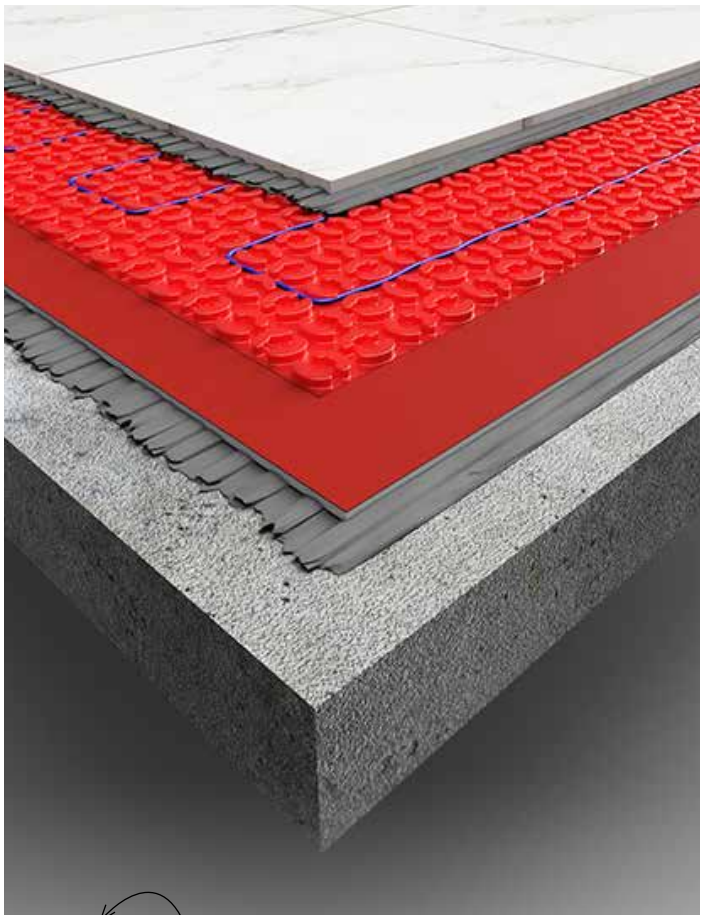
Compatible with Smart Devices
Monitor your energy + cost graphs on mobile, tablet and desktop.

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

LIFETIME LIMITED WARRANTY Warmup

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 it's self-adhesive underside can be affixed directly to the subfloor, eliminating the need to use tile adhesive below, significantly reducing installation time.

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Protects Floor from Damage

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

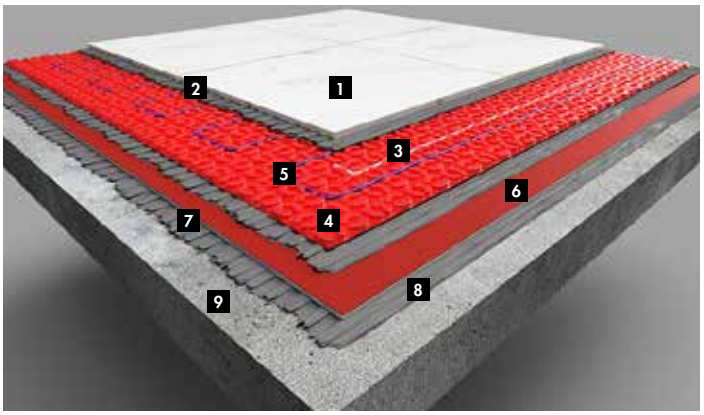
The self-healing decoupling layer contracts and expands to ideal with seasonal changes, preventing damage occurring from gaps and cracks in the subfloor. (Patent No. GB2548319B).

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 – 1m² Sheet (980mm x 1040mm) DCM-M-15 – 15m² 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 – 0.73m² Sheet (985mm x 741mm) DCM-#-14 – 14m² 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/m²
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/m²	150 W/m²	112.5 W/m²
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 - 0.73m² Sheet	741mm	985mm
DCM-PS-14	DCM-PRO Peel & Stick V3 Mat - 14m² Roll	14,252mm	985mm
DCM-F-0.73	DCM-PRO Fleece V3 Mat - 0.73m² Sheet	741mm	985mm
DCM-F-14	DCM-PRO Fleece V3 Mat - 14m² 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

Peel + Stick Mat

Fleece Mat

Perimeter Edge Strip

Waterproofing Tape

Waterproofing Tape Internal

Waterproofing Tape External

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).

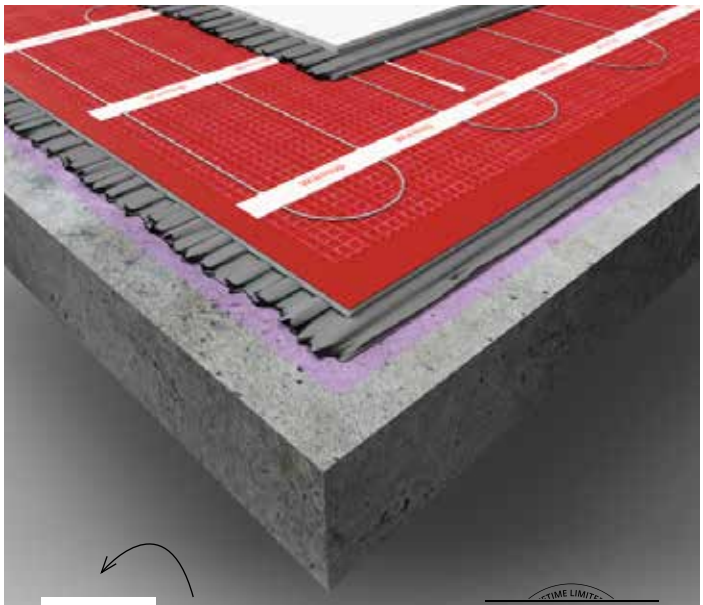
Q – How does the DCM-PRO™ cable fit into the DCM-PRO™ mat?
A – The DCM-PRO™ cable clips into the castellations of the DCM-PRO™ mat. No tools are required when installing the cable into the mat. It is easily installed by running your foot or thumb along the top of the cable to guide it into the castellations.

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

LIFETIME* LIMITED WARRANTY Warmup

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/m² (SPM) / 200 W/m² (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

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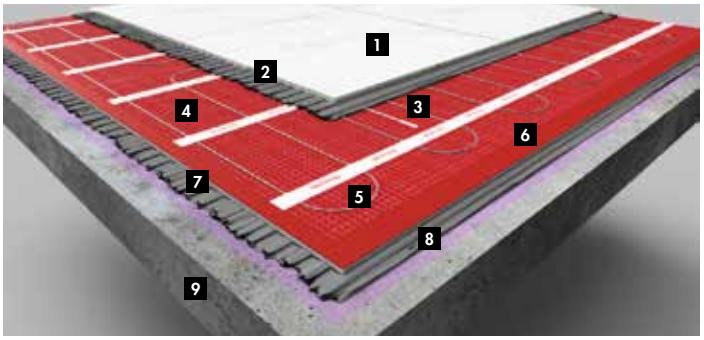
Typical Floor Build-Up



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*

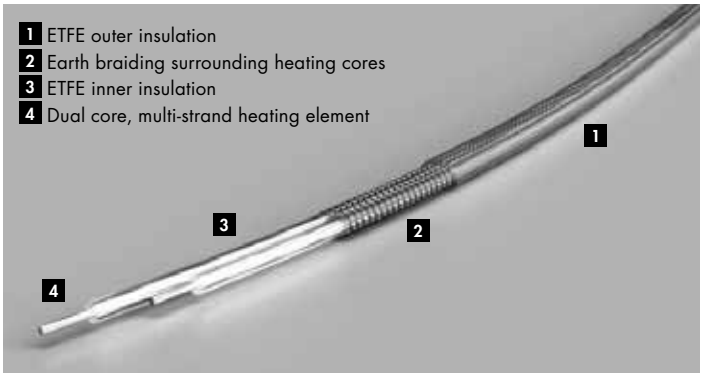
StickyMat™ – 150W/m² System

	Area Heated	Wattage	Amps
SPM1	1m²	150W	0.65A
SPM1.5	1.5m²	225W	0.98A
SPM2	2m²	300W	1.30A
SPM2.5	2.5m²	375W	1.63A
SPM3	3m²	450W	1.96A
SPM3.5	3.5m²	525W	2.28A
SPM4	4m²	600W	2.61A
SPM4.5	4.5m²	675W	2.93A
SPM5	5m²	750W	3.26A
SPM6	6m²	900W	3.91A
SPM7	7m²	1050W	4.57A
SPM8	8m²	1200W	5.22A
SPM9	9m²	1350W	5.87A
SPM10	10m²	1500W	6.52A
SPM11	11m²	1650W	7.17A
SPM12	12m²	1800W	7.83A
SPM15	15m²	2250W	9.78A

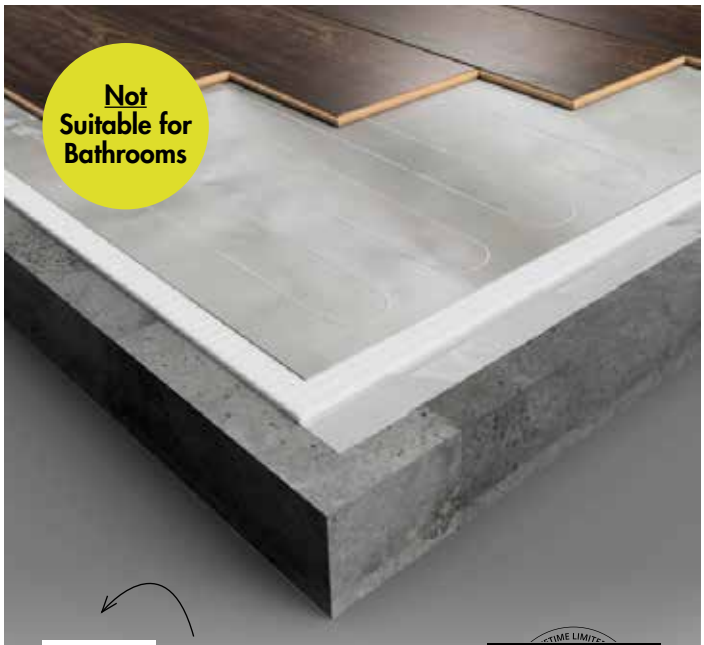
StickyMat™ – 200W/m² System

	Area Heated	Wattage	Amps
2SPM0.5	0.5m²	100W	0.44A
2SPM1	1m²	200W	0.87A
2SPM1.5	1.5m²	300W	1.30A
2SPM2	2m²	400W	1.74A
2SPM2.5	2.5m²	500W	2.17A
2SPM3	3m²	600W	2.61A
2SPM3.5	3.5m²	700W	3.04A
2SPM4	4m²	800W	3.48A
2SPM4.5	4.5m²	900W	3.91A
2SPM5	5m²	1000W	4.35A
2SPM6	6m²	1200W	5.22A
2SPM7	7m²	1400W	6.09A
2SPM8	8m²	1600W	6.96A
2SPM9	9m²	1800W	7.83A
2SPM10	10m²	2000W	8.70A
2SPM15	15m²	3000W	13.04A

Cable Section



Foil Heater™



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

LIFETIME* LIMITED WARRANTY Warmup

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	1.8m
Output Rating	140W/m²
Insulation	ETFE
Min. Install Temp	5°C
Connection	3m long coldtail Flat 2 core cable with earth braid

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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	1m²	140W	0.65A
WLFH-140W/210	1.5m²	210W	0.98A
WLFH-140W/280	2m²	280W	1.30A
WLFH-140W/420	2.5m²	420W	1.63A
WLFH-140W/560	3m²	560W	1.96A
WLFH-140W/700	3.5m²	700W	2.28A
WLFH-140W/840	4m²	840W	2.61A
WLFH-140W/980	4.5m²	980W	2.93A
WLFH-140W/1120	5m²	1120W	3.26A
WLFH-140W/1260	6m²	1260W	3.91A
WLFH-140W/1400	7m²	1400W	4.57A
WLFH-140W/1680	8m²	1680W	5.22A

Heater Build-up

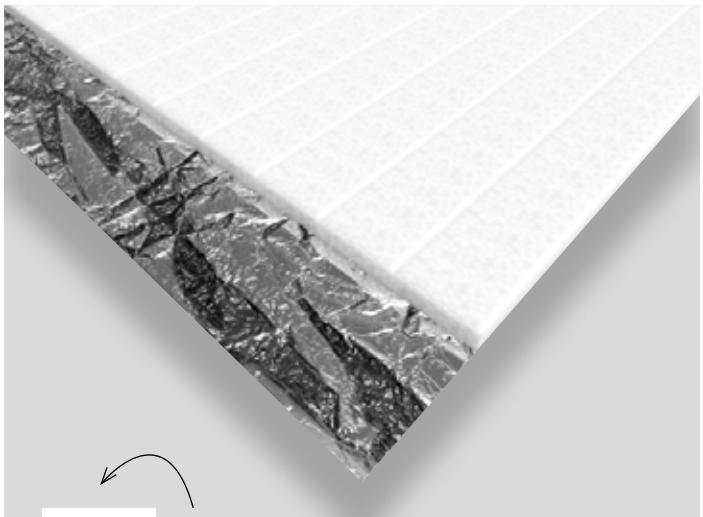
1 Single-strand twin conductors heating element
2 Wire Insulation: advanced fluoropolymer
3 Aluminium Foil Earth

Foil Heater – Ancillaries

WDO Warmup Dual Overlay System	7mm Base Boards Pack 2.88m²
WIU2.5	6mm Underlay – 120cm Wide, 200cm Length – 2.5m²
WIU5.0	6mm Underlay – 120cm Wide, 400cm Length – 5m²
WIU10.0	6mm Underlay – 120cm Wide, 800cm length – 10m²
WIU25.0	6mm Underlay – 120cm Wide, 2000cm length – 25m²

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 melallicised polyethelene 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.

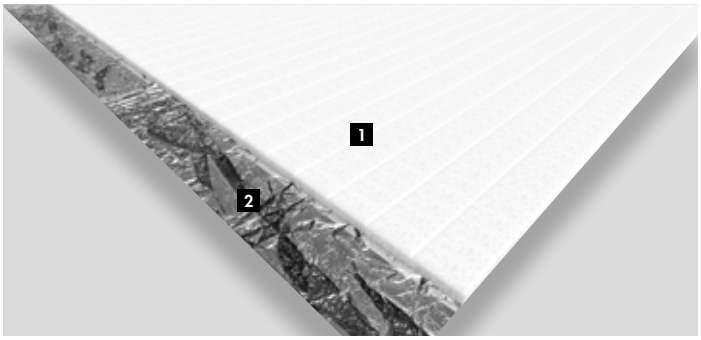
- **Improved Energy Efficiency**
  Insulates and reduces heat loss making the heating system more energy efficient
- **Variety Of Floor Finishes**
  For use under floating wood and laminate flooring or when installed in conjunction with Warmup Dual Overlay™, carpet, LVT, linoleum and vinyl flooring
- **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) polyethelene 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 Melallicised polyethelene foil backing

Warmup Insulated Underlay™ – Product

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

F&Qs

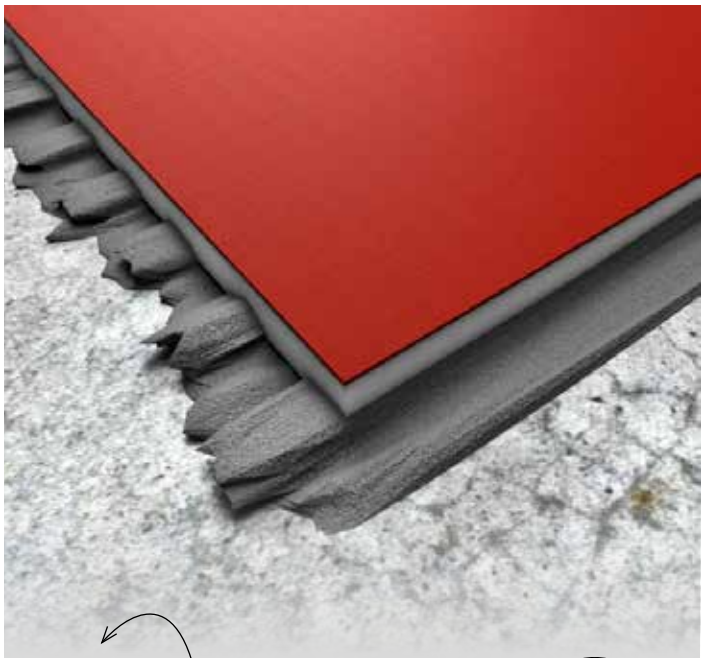
Q – What is it made from?
A – The top layer of the underlay is comprised of a 6mm grooved lightweight polystyrene (which offers added acoustic properties by reducing contact noise) and a bottom layer of silver foil which has an adhesive overlap to join subsequent rolls. The underlay has a sound reduction 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.

Warmup Ultralight™



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

Warmup Ultralight™

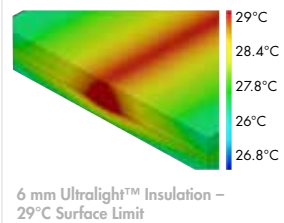
4in1 (Insulating, Heat Spreading, Decoupling, Sound Reducing)

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.

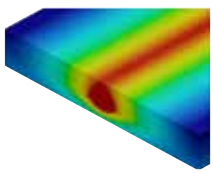
The core PEF insulation provides thermal separation from the floor beneath, ensuring a rapid thermal response of a heated layer of tiles or levelling compound above.

- **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



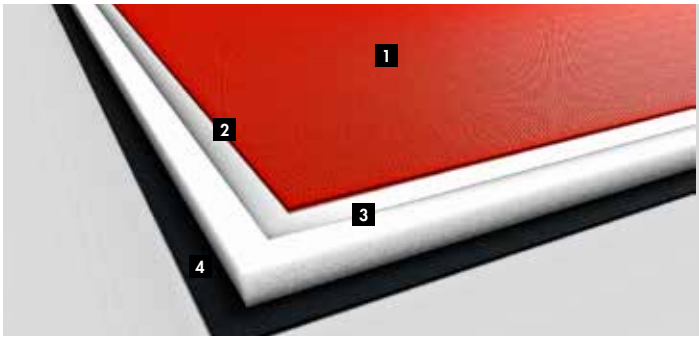
6 mm Ultralight™ Insulation – 29°C Surface Limit



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	0.96m²
Weight of Board	1.1kg
Thermal Resistance EN 12667	0.111m² 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), ANSI A118.12	≥ 1/8" => High Performance
Long Term Water Absorption, EN 12087	0.052% w/w
Water Vapour Permeability, EN 12086	9.12 mg/m²h
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 / 5.76m²)
WCI-16	Ultralight Insulation Board 6mm x 800mm x 1,200mm (Pack of 16 / 15.36m²)
WCI-170	Ultralight Insulation Board 6mm x 800mm x 1,200mm (Pallet of 170 / 163.20m²)

Thermostats

Warmup Cement Coated Insulation™

Warmup Cement Coated Insulation™

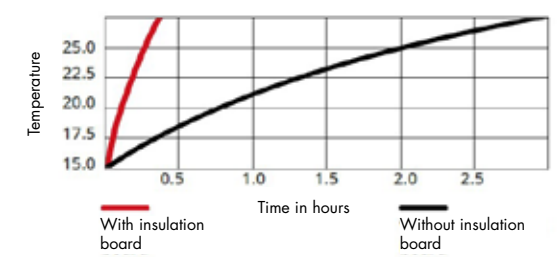
Waterproof Insulation for Walls + Floors

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

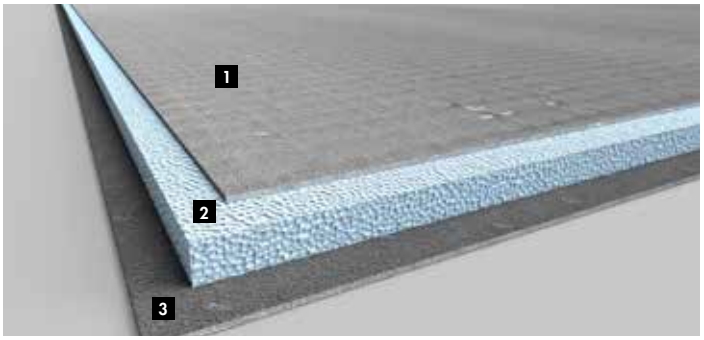
Heat Up Chart



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.

CE UKCA

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	0.75m²
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/ 1.06/1.33m² 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/m²
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

Warmup 6iE™ WiFi Smart Thermostat

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

12 YEAR LIMITED WARRANTY Warmup

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™

CE UKCA BEAB

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

IP33

Available on the App Store | GET IT ON Google Play | amazon alexa

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

12 YEAR LIMITED WARRANTY Warmup

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™

CE UKCA BEAB

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

IP33

Available on the App Store | GET IT ON Google Play | amazon alexa

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

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)

IP20

ELT-PB	Piano Black
ELT-PW	Porcelain White

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

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®

ideal HEATING

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

Section	Page No.
Boilers	
Ideal Instinct² Combi Boiler	28
new Ideal Halo Lite RF Thermostat	30
Flue + Accessories	30
Pumps	
Condensate Removal Pump	32
new Pressure Safe System	33
new Wilo Atmos PICO Circulating Pump	34
new Wilo SB 30 Hot Water Pump	35
Cylinders	
Ideal Instinct Indirect Pre Plumbed System Ready Cylinders	36
Ideal Instinct Standard Cylinders	38
Ideal Instinct Slimline Cylinders	39
Radiators	
Henrad Compact Radiators	40
Henrad Compact K3 Radiators	42
Espada Aluminium Radiators	44
Espada Radiators	46
Towel Rails	
22mm Straight Towel Rails	48
22mm Curved Towel Rails	49

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...

Ideal Instinct² Boilers
Page 28

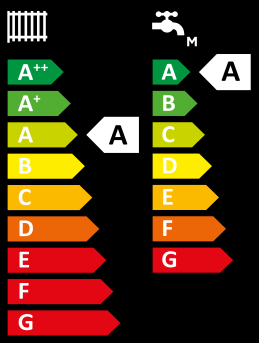
Ideal Heating Cylinders
Page 38-39

Henrad Compact Radiators
Page 40

ideal HEATING

INSTINCT 2

24 30 35 **Combi Boilers**



Compact cupboard fit

Low lift weight

OpenTherm ready

Easy to read pressure gauge

NOx class 6

Frost protection

Improved digital display

Boilers

Guarantees

5 **Years**
on Ideal Instinct² Combi Boilers

Ideal Instinct² Combi Boiler

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

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

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

Page 54-55

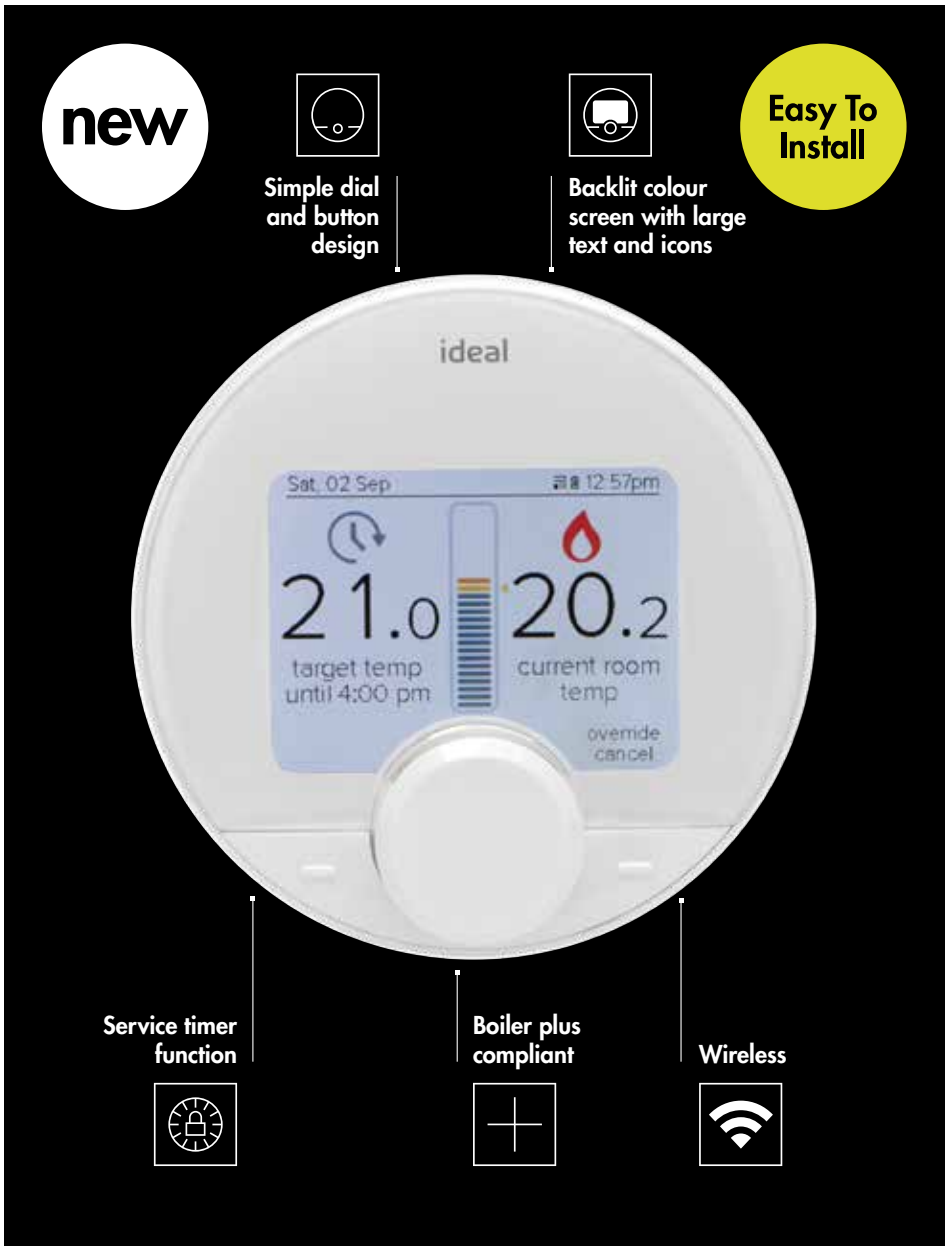
Instinct Pro Central Heating System Chemicals will actively contribute to a healthy heating system.

Specification	Instinct² 24	Instinct² 30	Instinct² 35
Weight (packaged) (kg)	33.7	33.7	33.8
Max installation weight (kg)	29.9	29.9	30.0
CH output (kW) min/max mean 70°C	4.8 – 24.2	6.1 – 24.2	7.1 – 24.2
CH output (kW) min/max mean 40°C	5.1 – 25.6	6.4 – 25.6	7.5 – 25.6
DHW output (kW) max	24.2	30.3	35.3
DHW flow rate l/min. 35°C rise	9.9	12.4	14.5
SEDBUK rating (2005) %	91.0	91.1	91.0
SEDBUK rating (2009/2012) %	89.0	89.0	88.9
NOx classification	Class 6	Class 6	Class 6
Water heating efficiency class	A	A	A
Max horizontal flue (m)	9	8	6
Max vertical flue (m)	7.5	7.5	7.5
Seasonal space heating efficiency class	A	A	A
Seasonal space heating energy efficiency (ηs) %	94	94	94
Sound power level, indoors (LWA dB)	46	46	41

Boilers

Guarantees

2 Years on Ideal Thermostat



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

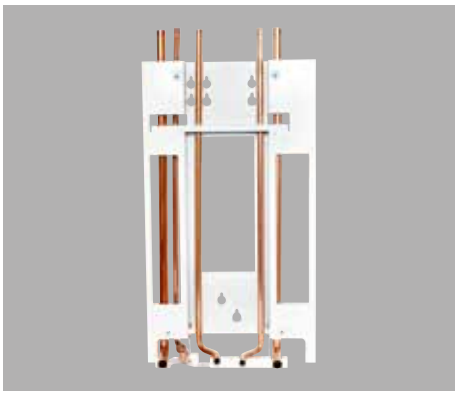
Finish – White
Dimensions – 100(h) x 60(w) x 20(d) mm

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

207668

INSTINCT®

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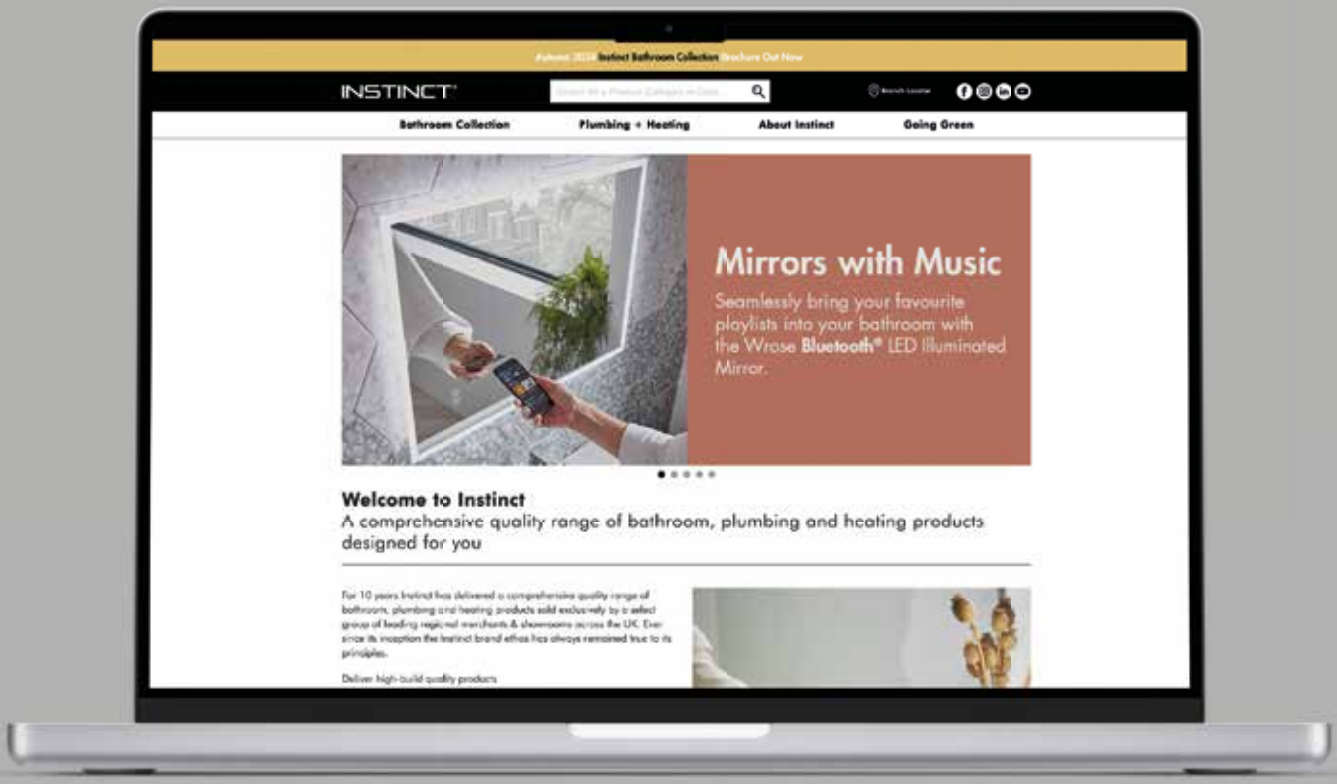

Scan here to visit instinctproducts.co.uk

Condensate Removal Pump

Guarantees

2 Years on Condensate Removal Pump

Condensate Removal Pump

One-piece centrifugal pump with tank.

Centrifugal pump for heavy and contaminated condensates. Suitable for gas condensing boilers producing acid (pH > 2.5) and hot condensates (55°C max, 80°C short peaks 10 minutes). Normally closed alarm contact that automatically cuts off the air conditioning system compressor or a solenoid valve.

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 (¼")
Sound (in application at 1m) – Low level, quiet operation ≤ 45 dBA
Maintenance – Easily removable tank and reversible pump
Float – Oil and acid resistant
Stability – Reinforced mechanical structure improving shocks resistance
Pump – High discharge head
Flow Rate – High flow rate for shorter running time
Thermal Protection – 120°C (auto reset)
Max discharge head – 5.4m (65 l/h)

IP44

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''–1¼'' – 1½'' (24-32-40m) adapter
2 screws + plug

INSTINCT® | PRO

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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
Notices 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 WEE Directives – Compliant

IP20

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"½) inlet adaptor for PVC pipe
Condensate self-sealing evacuation connector, Ø10 mm int.
Ø10 to 20 mm (3/8" to ¾") 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

wilo

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)

Max 10 Bar

4232693	Wilo Atmos PICO 130 (6m)
4232696	Wilo Atmos PICO 180 (8m)

Atmos PICO 130 (6m) – Operating Specification	
Field of Application	Heating / Floor heating / Air conditioning
Max. Operating Pressure	10 Bar
Performance Range	6m to 3.5 m^3/h
Water Temp at Max Ambient Temp of +40°C	-10°C/95°C
Protection Class	IPX2D
Min/Max Power Consumption	4-40W
Display	7 LEDs
Operation	Push button
Setting (nb curves)	6 curves
Regulation Modes	Δp-v, 3 speeds
Faults Management	LED with blinking code
Quick Connection	Yes
Dejamming	Automatic
Compactness (L2 dimension)	94.1
EEI	≤0.23

Atmos PICO 180 (8m) – Operating Specification	
Field of Application	Heating / Floor heating / Air conditioning
Max. Operating Pressure	10 Bar
Performance Range	8m to 4.3 m^3/h
Water Temp at Max Ambient Temp of +40°C	-10°C/95°C
Protection Class	IPX2D
Min/Max Power Consumption	4-75W
Display	7 LEDs
Operation	Push button
Setting (nb curves)	6 curves
Regulation Modes	Δp-v, 3 speeds
Faults Management	LED with blinking code
Quick Connection	Yes
Dejamming	Automatic
Compactness (L2 dimension)	94.1
EEI	≤0.23

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

wilo

Circulating Pumps

Guarantees

3 **Years**
on Wilo SB 30 Hot Water Pump

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

Max 10 Bar | WRAS APPROVED PRODUCT

4035479	Wilo SB 30 Hot Water Pump

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

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

Cylinders

†Guarantees

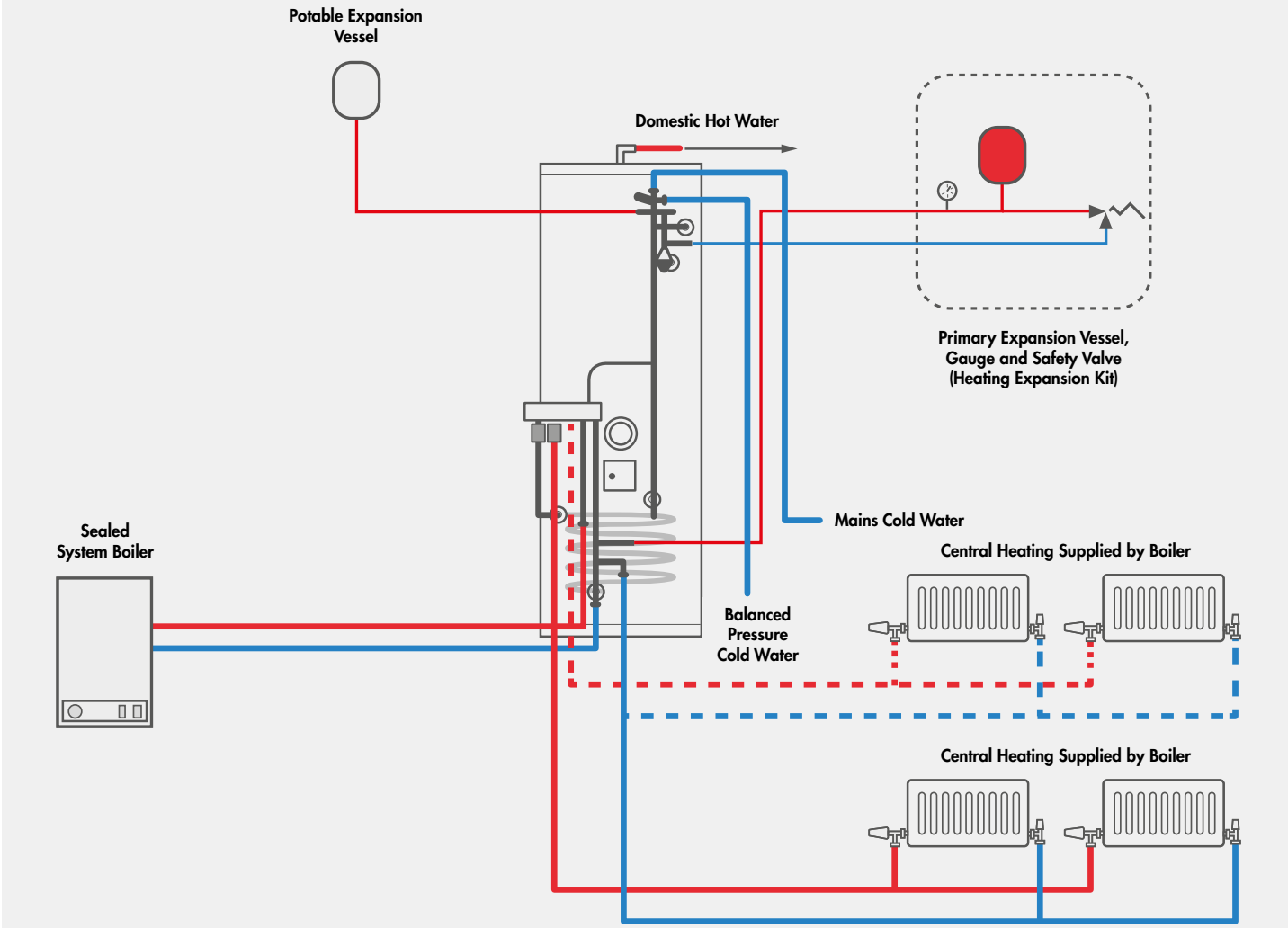
25 Years on Vessel **2** Years on Parts

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

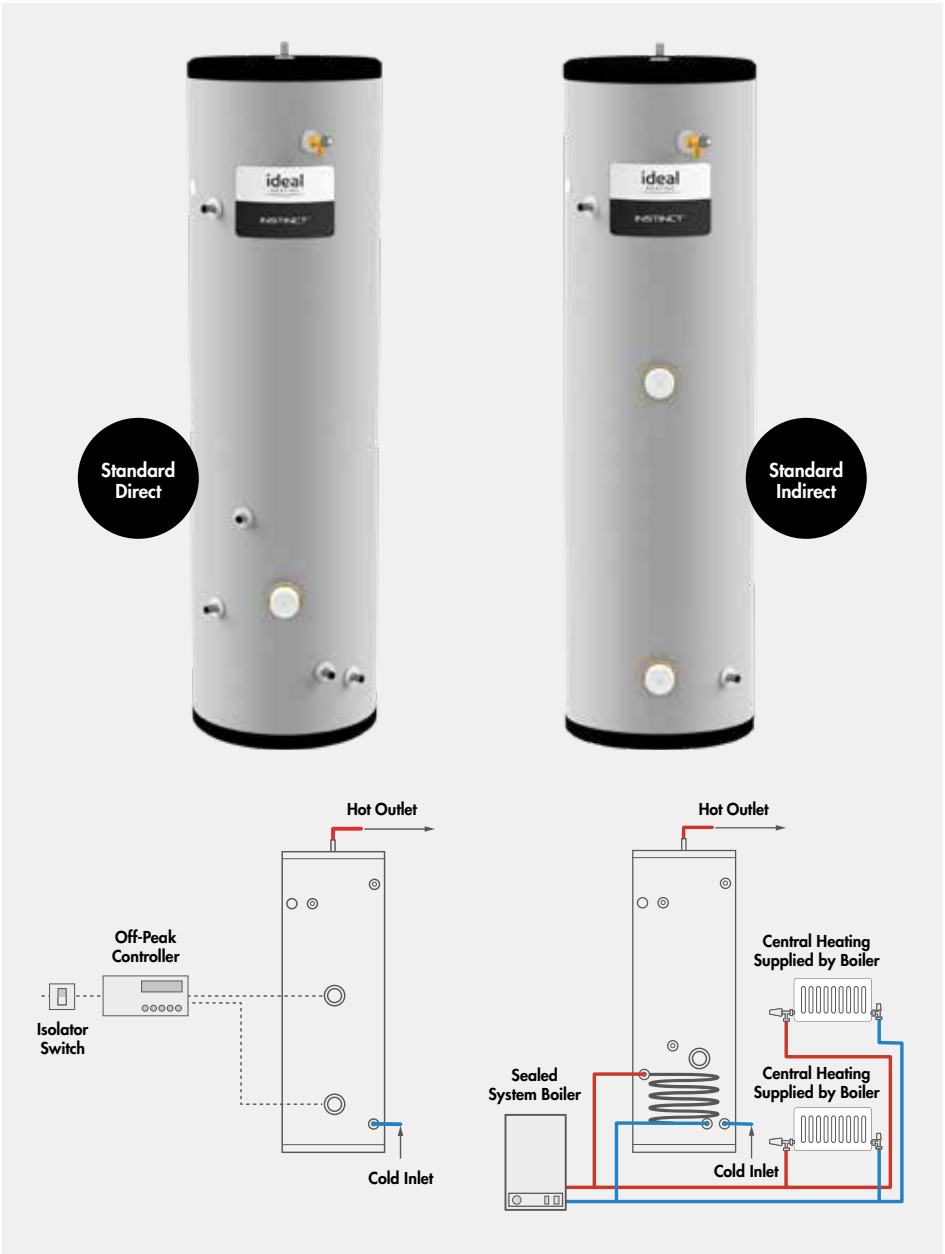
Cylinders

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

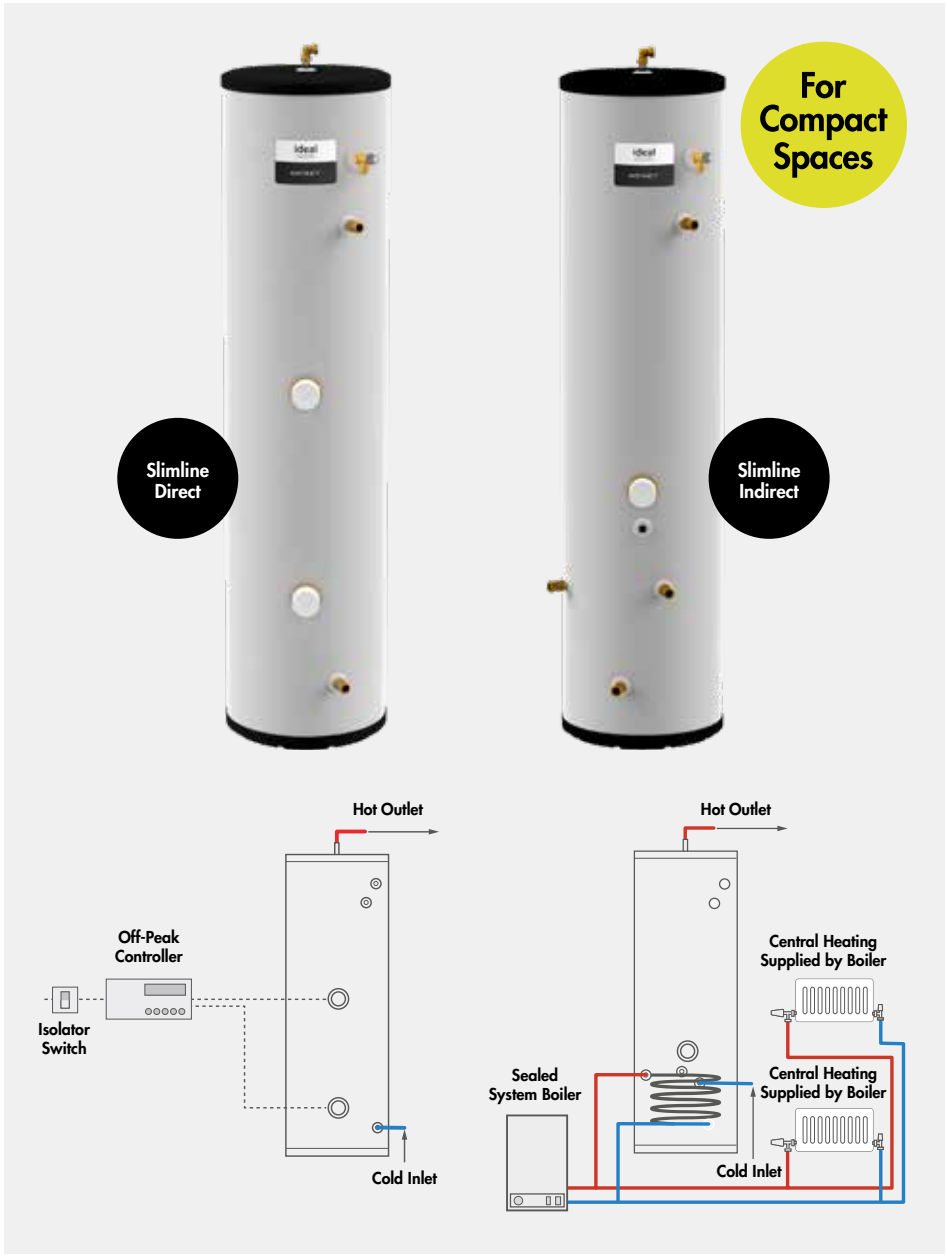
Standard Direct Cylinders

	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 Convector Type 11

Single Convector Type 21

Double Convector Type 22

Radiators

Compact Radiators		Single Convector Type 11			Single Convector Type 21			Double Convector Type 22		
			Heat Emissions			Heat Emissions			Heat Emissions	
Height	Length	Henrad Code	Watts	Btu/hr	Henrad Code	Watts	Btu/hr	Henrad Code	Watts	Btu/hr
	500	**2031105**	255	868	**2032105**	373	1271	**2032205**	491	1675
	1000	**2031110**	509	1737	**2032110**	745	2542	**2032210**	982	3351
300	1500	**2031115**	764	2605	**2032115**	1118	3813	**2032215**	1473	5026
	1600	–	–	–	–	–	–	**2032216**	1571	5362
	2000	**2031120**	1018	3473	**2032120**	1490	5084	**2032220**	1964	6701
	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
450	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
	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
600	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
	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
700	1000	**2071110**	1117	3811	**2072110**	1530	5220	**2072210**	1961	6691
	1100	**2071111**	1229	4192	**2072111**	1683	5742	**2072211**	2157	7360
	1200	**2071112**	1340	4573	**2072112**	1836	6264	**2072212**	2353	8029
	1400	**2071114**	1564	5336	**2072114**	2142	7309	**2072214**	2745	9367
	1600	**2071116**	1787	6098	**2072116**	2448	8353	**2072216**	3138	10705
	1800	**2071118**	2011	6860	**2072118**	2754	9397	**2072218**	3530	12044
	2000	**2071120**	2234	7622	**2072120**	3060	10441	**2072220**	3922	13382

Btu/hr @ Δt50°C

Radiators

Guarantees

10 Years on Compact K3 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
500	600	**2053306**	1234	4210
	700	**2053307**	1439	4910
	800	**2053308**	1645	5613
	900	**2053309**	1850	6312
	1000	**2053310**	2056	7015
	1100	**2053311**	2262	7718
	1200	**2053312**	2467	8417
	1400	**2053314**	2878	9820
	1600	**2053316**	3290	11225
	1800	**2053318**	3701	12628
	2000	**2053320**	4112	14030
	2400	**2053324**	4934	16835
600	400	**2063304**	956	3262
	500	**2063305**	1195	4077
	600	**2063306**	1433	4889
	700	**2063307**	1672	5705
	800	**2063308**	1911	6520
	900	**2063309**	2150	7336
	1000	**2063310**	2389	8151
	1100	**2063311**	2628	8967
	1200	**2063312**	2867	9782
	1400	**2063314**	3345	11413
	1600	**2063316**	3822	13041
	1800	**2063318**	4300	14672
	2000	**2063320**	4778	16303
	2400	**2063324**	5734	19564
700	500	**2073305**	1356	4627
	600	**2073306**	1627	5551
	700	**2073307**	1898	6476
	800	**2073308**	2170	7404
	900	**2073309**	2441	8329
	1000	**2073310**	2712	9253
	1100	**2073311**	2983	10178
	1200	**2073312**	3254	11103
	1400	**2073314**	3797	12955
	1600	**2073316**	4339	14805
	1800	**2073318**	4882	16657
	2000	**2073320**	5424	18507

Btu/hr @ Δt50°C

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

Espada Aluminium Radiators

Guarantees
10 Years on Espada Aluminium

Vertical Radiators

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

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

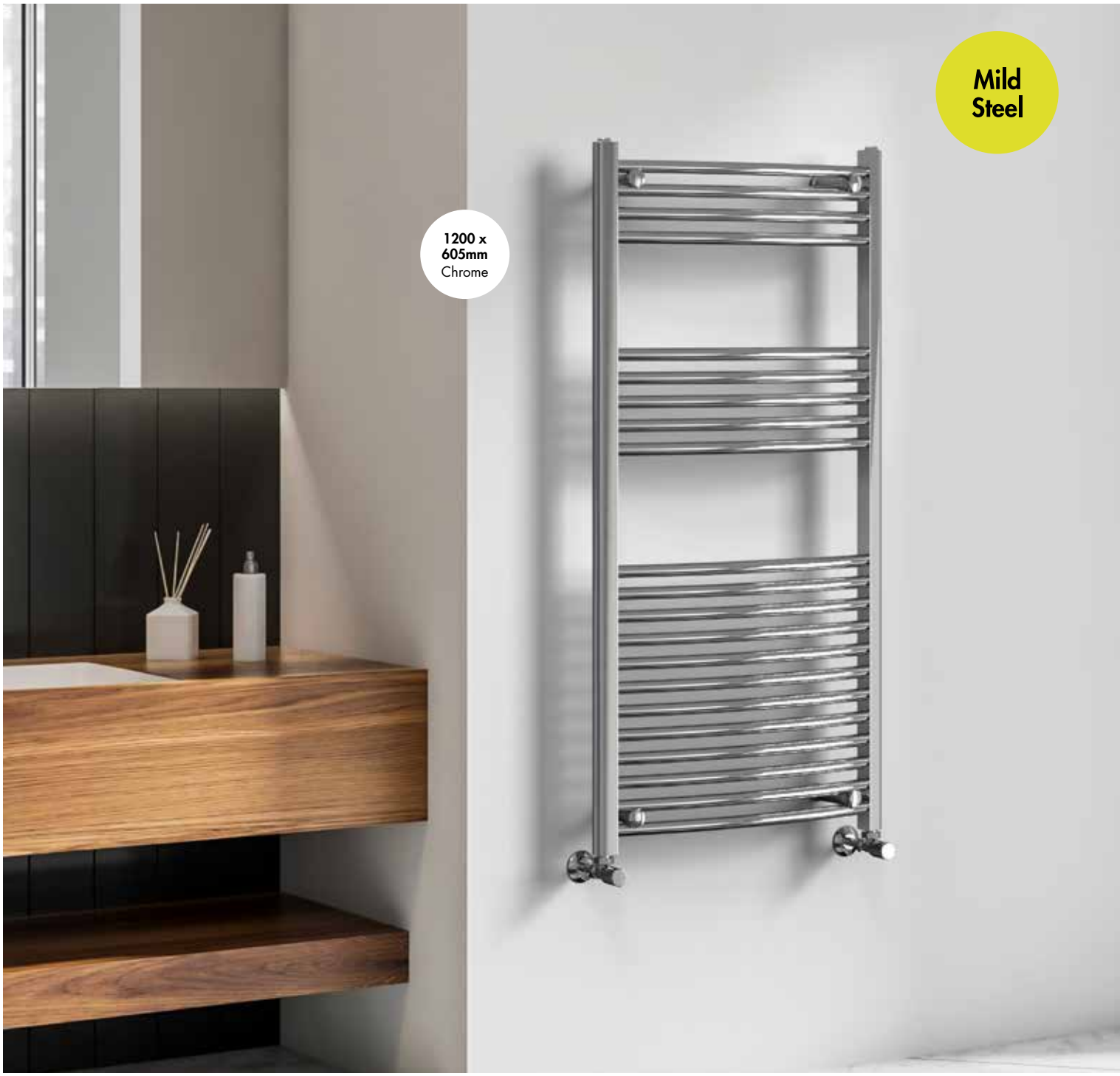
Matt Black Finish

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
PHGT080-50CPCV	800	505	103-123	252	860	125
PHGT080-60CPCV	800	605	109-129	295	1007	150
PHGT100-50CPCV	1000	505	103-123	308	1051	200
PHGT100-60CPCV	1000	605	109-129	361	1232	200
PHGT120-50CPCV	1200	505	103-123	378	1290	200
PHGT120-60CPCV	1200	605	109-129	443	1512	300

	Height	Width	Depth	Watts	Btu/hr	Electric Element
PHGT140-50CPCV	1400	500	89-119	413	1411	300
PHGT140-60CPCV	1400	600	95-125	478	1632	300
PHGT160-50CPCV	1600	500	89-119	469	1601	300
PHGT160-60CPCV	1600	605	103-123	580	1979	400
PHGT180-50CPCV	1800	500	89-119	549	1872	400
PHGT180-60CPCV	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
new Fernox TF1 Sigma Mini	62
new IntaKlean Heat Pump Filter	63

Our frequently ordered Water Treatment products...

Corrosion Inhibitor
Page 54

System Cleaner
Page 54

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

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.

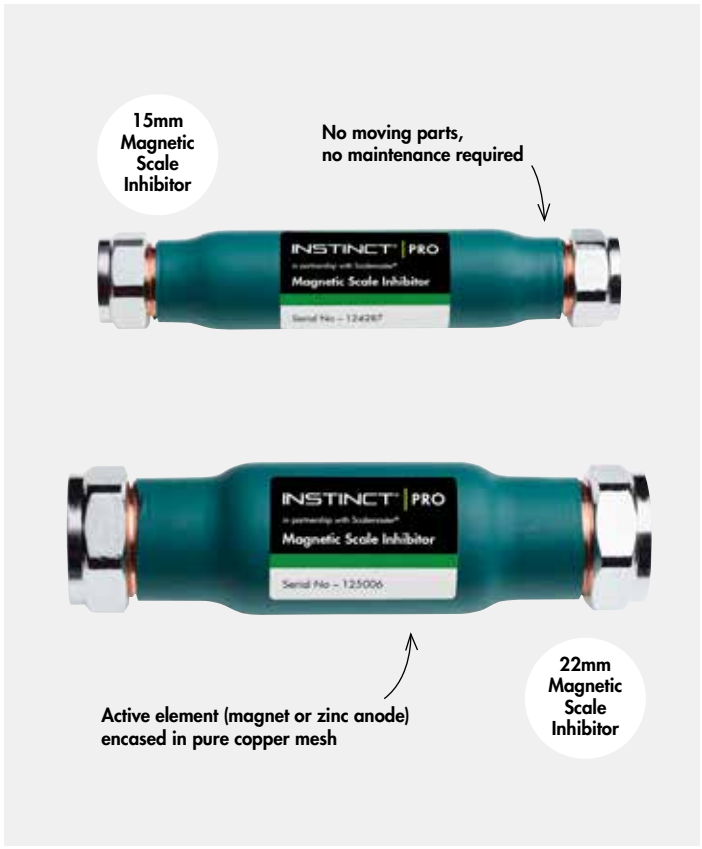
- GB — Manufactured in Great Britain
- Manufactured Using Patented Technologies
- Easy to Install and Maintain
- Cost Saving Product
- 100 Litres — Dosing Amount – Up to 10 Litres
- 10 Rads — Dosing Amount – Up to 10 Radiators
- Prevents Limescale + Corrosion
- Dissolves Limescale
- Removes Debris Suspended in Water
- Seals Leaks + Weeping Joints
- Improves Heat Transfer
- Prevents Bacterial + Fungul Growth
- Use with Power Flushing Machines
- Non-Hazardous Formulation
- 50% — Bottle Made from 50% Recycled Plastic
- App Control via Mobile Device
- Min 0.2 Bar — Minimum Operating Pressure
- Max 4 Bar — Maximum Operating Pressure
- Min 90°C — Minimum Operating Temperature
- Max 120°C — Maximum Operating Temperature

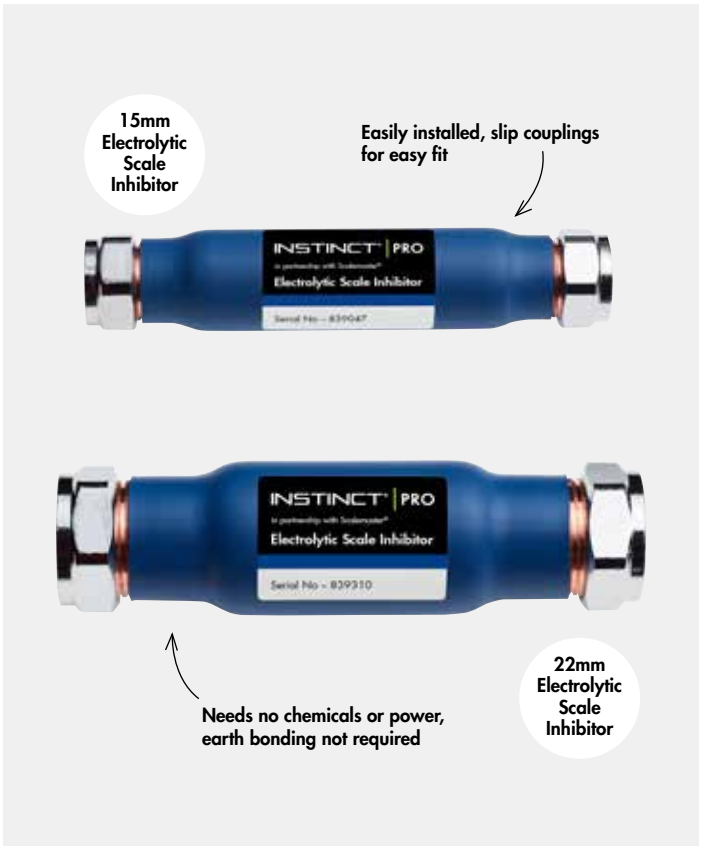
Guarantees

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.

Smaller 250ml Bottle

- 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

50%
Bottles Made from 50% Recycled Plastic

GB
Manufactured in Great Britain

NSF
NSF CIAS

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)

100 Litres | 10 Rads | GB | NSF NSF CIAS

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)

100 Litres | 10 Rads | GB

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)

100 Litres | 10 Rads | GB

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

100 Litres | 10 Rads | GB

504230 250ml Bottle

IN-400 Sludge Remover

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

100 Litres | 10 Rads | GB

504254 250ml Bottle

IN-600 Heat Optimiser

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

100 Litres | 10 Rads | GB

504278 250ml Bottle

IN-700 System Biocide

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

100 Litres | 10 Rads | GB

504285 250ml Bottle

IN-800 Power Cleaner

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

100 Litres | 10 Rads | GB

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 Testing Strips + Kits

Water Hardness Test Strips
Dimensions –
138(h) x 93(w) x 15(d) mm

901046 6 Test Strips

Heating System Water Quality Check Kit
Dimensions –
80(h) x 28(w) x 100(d) mm

506005 Single Kit

Rapid Inhibitor Test Strips
Dimensions –
80(h) x 28(w) x 100(d) mm

504803 50 Test Strips

INSTINCT® | PRO

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

i-TEST

BY SCALEMASTER®

Works with all chemical inhibitors

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

(For annual testing compliance with BS7593:2019)

Download on the App Store

GET IT ON Google Play

Phone not included.

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!

GB

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

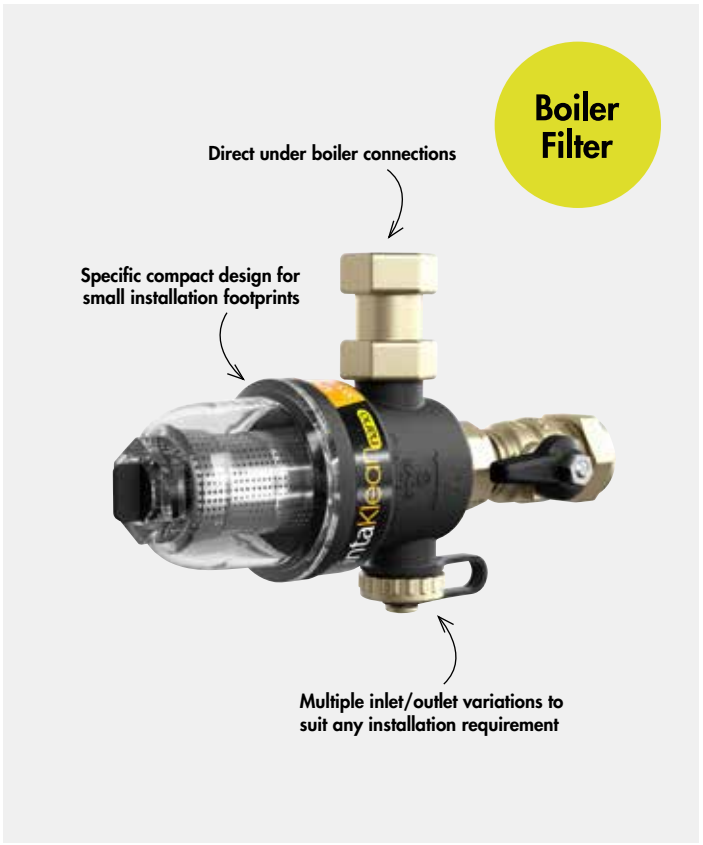
All dimensions in mm. All measurements are approximate and subject to standard tolerances.

inta

Magnetic Filters

Guarantees

2 Years
on IntaKlean Magnetic Filters



22mm IntaKlean Nano Magnetic System Filter

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

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

Finish – Black
Dimensions – 144(h) x 226(w) x 66(d) mm
Filter – Effectively filters ferrous and non ferrous system debris, 800µm stainless steel filter cartridge for ultimate particle capture
Filter Magnet – 12,000 Gauss, fully removable dry pocket magnet
Dosing Capacity – 200ml
Maintenance – Transparent settling chamber to easily identify servicing intervals
Valves – Complete with isolating ball valves
Compatible Fluid – Water, Water + Glycol 50% Max
Installation – Specific compact design for small installation footprints, multiple inlet/outlet variations to suit any installation requirement

Max 90°C | Max 3 Bar

IKN22 22mm IntaKlean Nano Magnetic System Filter

¾" IntaKlean Nano Magnetic System Filter

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

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

Finish – Black
Dimensions – 144(h) x 171(w) x 66(d) mm
Filter – Effectively filters ferrous and non ferrous system debris, 800µm stainless steel filter cartridge for ultimate particle capture
Filter Magnet – 12,000 Gauss, fully removable dry pocket magnet
Dosing Capacity – 200ml
Maintenance – Transparent settling chamber to easily identify servicing intervals
Valves – Complete with isolating ball valves
Compatible Fluid – Water, Water + Glycol 50% Max
Installation – Multiple inlet/outlet variations to suit any installation requirement, direct under boiler connections

Max 90°C | Max 3 Bar

IKN34 3/4" IntaKlean Nano Magnetic System Filter

Multiple inlet/outlet variations

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 contaminates, whilst also ensuring it cannot block, reduce flow through pipework or impact the performance of the heating system.

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

Finish – Black
Dimensions – 88(h) x 189(w) x 73(d) mm
Compact Design – A high capacity, compact design
Installation – Ideal for use in restricted spaces
Valves – Integrated three way valve with filter isolation and cleaning functionality
Construction – Durable and robust construction, made from a high-quality glass reinforced engineering polymer, and non-porous forged brass
Filter – Will not block or restrict flow
Maintenance – Can replace return valve if required

Max 100°C | Max 5 Bar

62631 Fernox TF1 Sigma UB Filter

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

Max 100°C | Max 5 Bar

62708 Fernox TF1 Sigma Mini Filter

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

inta

Magnetic Filters

Guarantees

5 Years
on Inta Magnetic Filter

Take a closer look at the Inta heat pump accessories brochure

Air Source Heat Pump Filter

new

360° rotation for ease of servicing

Actively filters magnetite and non-ferrous system debris

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.

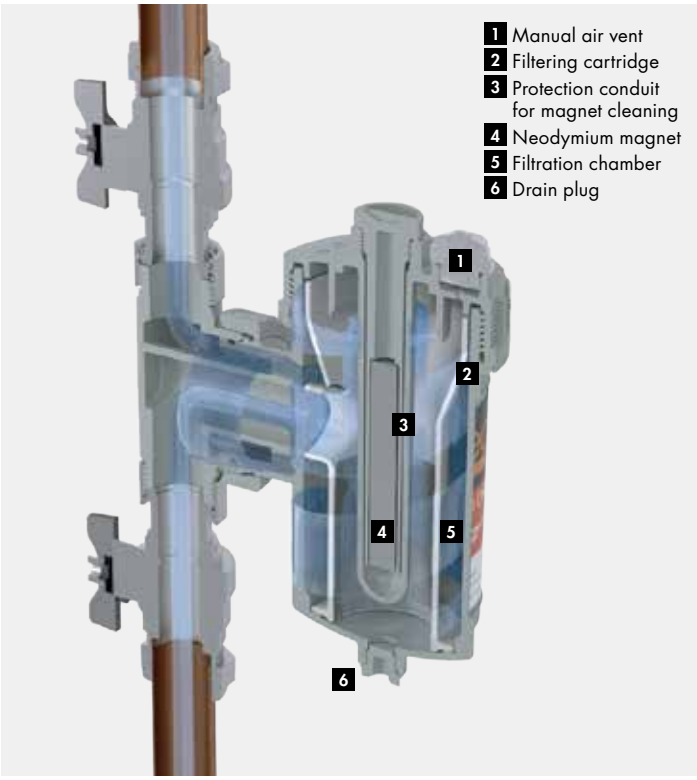
As well as separating magnetic debris and trapped air in circulating system fluid, intaKlean HP also includes a completely unique direct filter which contains a multi-layered stainless steel 300-micron fine gauze.

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

Max 90°C | Max 4Bar



IKHPMF28 IntaKlean HP 28mm Magnetic Heat Pump Filter

Controls

Section	Page No.
Thermostatic Mixing Valves (TMVs)	
15mm TMV2 / 3 Thermostatic Mixing Valve	65
22mm TMV2 / 3 Thermostatic Mixing Valve	65
15mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)	65
22mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)	65
Thermostatic Radiator Valves (TRVs)	
½" x 15mm Angled Modern Thermostatic Radiator Valves	66
½" x 15mm Straight Modern Thermostatic Radiator Valves	66
½" x 15mm Corner Modern Thermostatic Radiator Valves	66
15mm Corner TRV Lockshield (Twin Pack)	66
15mm Angled TRV Twin Pack (Chrome Plated)	66
15mm Straight TRV Twin Pack (Chrome Plated)	66
15mm Angled TRV Twin Pack	67
10mm Angled TRV Twin Pack	67
15mm Straight TRV Twin Pack	67
15mm Angled TRV Twin Pack (BS Lockshield)	67
10mm Angled TRV Twin Pack (BS Lockshield)	67
15mm Angled TRV	67
10mm Angled TRV	67
15mm x 10mm One Piece Reducing Bullet	67
Designer Radiator Valves	
15mm Straight Modern Radiator Valves (Pair)	68
15mm Angled Modern Radiator Valves (Pair)	68
½" x 15mm Angled Crosshead Traditional Radiator Valves (Pair)	68
½" x 15mm Straight Contemporary Radiator Valves	68
15mm Angled Square Decorative Radiator Valves (Pair)	68
15mm Straight Square Decorative Radiator Valves (Pair)	68
15mm Corner Radiator Valves (Pair)	68
15mm Dual Fuel Corner Radiator Valves (Pair)	68
15mm Pipe Cover Set (Pair)	68
Manual Radiator Valves	
15mm Angled Manual Radiator Valve	69
10mm Angled Manual Radiator Valve	69
15mm Straight Manual Radiator Valve	69
15mm Angled Manual Radiator Valve (Drain Off)	69
10mm Angled Manual Radiator Valve (Drain Off)	69
Radiator Drain Off Tail Piece	69
15mm Angled Lockshield Manual Radiator Valve	69
10 / 8mm Angled Lockshield Manual Radiator Valve	69
10mm Demountable Push Fit Elbow (Pair)	69
15mm Angled Lockshield Manual Radiator Valve (Drain Off)	69
10 / 8mm Angled Lockshield Manual Radiator Valve (Drain Off)	69

Control Features

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

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)

15mm TMV2 / 3 Thermostatic Mixing Valve

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

Max 85°C | Min 0.2 Bar | Max 10 Bar

40015CBA

22mm TMV2 / 3 Thermostatic Mixing Valve

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

Max 85°C | Min 0.2 Bar | Max 10 Bar

40022CBA

15mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)

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

Max 85°C | Min 0.2 Bar | Max 10 Bar

400MX15CBA

22mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)

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

Max 85°C | Min 0.2 Bar | Max 10 Bar

400MX22CBA

Thermostatic Radiator Valves (TRVs)

½" x 15mm Angled Modern Thermostatic Radiator Valves

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

INCNT004AP-BL	Black
INCNT004AP-AT	Anthracite

½" x 15mm Straight Modern Thermostatic Radiator Valves

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

INCNT004ST-BL	Black
INCNT004ST-AT	Anthracite

½" x 15mm Corner Modern Thermostatic Radiator Valves

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

INCNT024-BL	Black
INCNT024-AT	Anthracite

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

INSTINCT 2

The Ideal Instinct² Combi Boiler

Pages 28-29

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

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

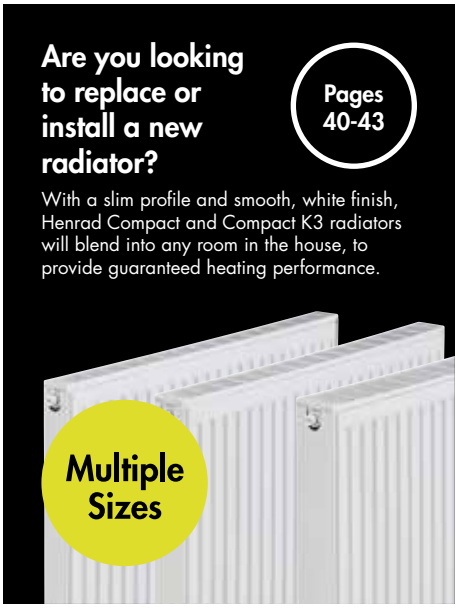
Finish – Brass
Dimensions – 30(h) x 50(w) x 60(d) mm

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.



Designer Radiator Valves

Guarantees
1 Year on Designer Radiator Valves

15mm Straight Modern Radiator Valves (Pair)
Finish – Polished Chrome
Dimensions – 75(h) x 87.5(w) x 32(d) mm

Max 100°C | Max 10 Bar

INST-AL024LC

15mm Angled Modern Radiator Valves (Pair)
Finish – Polished Chrome
Dimensions – 90.5(h) x 75(w) x 32(d) mm

Max 100°C | Max 10 Bar

INST-AL025LC

½" x 15mm Angled Crosshead Traditional Radiator Valve (Pair)
Finish – Polished Chrome
Dimensions – 110(h) x 115(w) x 46(d) mm

Max 100°C | Max 10 Bar

INST-AL034LC

½" x 15mm Contemporary Radiator Valves
Finish – Matt Black
Dimensions – 78(h) x 75(w) x 30(d) mm

INCNT003AP-ZMB	Angled Valve
INCNT003ST-ZMB	Straight Valve

15mm Angled 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

Consumables

Section	Page No.
Plumbing Tools	
Monument Masters SweatBOX®	72
Soldering + Brazing	73
Monument Masters + Bending	74
new Copper Pipe Cutting + Deburring	75
Plastic Pipe Cutting	77
Sawing + Cutting	78
Radiators	79
Taps + Stopcocks	80
Compression Fittings + Immersion Heaters	81
Boilers, Flues + System Testing	82
Wrenches + Spanners	83
Miscellaneous	84
new Servicing Essentials	85
new Aerosol, Grease + Solutions	86
new PPE + Cleaning	87
Pre-Packed Fittings	
Pre-Packed Fittings	88
PTFE Tape 12mm x 12m Reel (WRAS)	95
PTFE Tape 12mm x 5m Reel (Gas)	95
Pipe Clips + Trunking	
new Pipe Clips	96
Trunking Accessories	97

Our frequently ordered Consumable products...

Best Seller

Instinct Pro 15mm Pipe Bender
Page 74

Best Seller

15mm Autocut® Copper Pipe Cutter
Page 75

15mm Drain Down Hose
Page 82

200mm (8") Wide Jaw Adjustable Wrench 38mm Cap
Page 83

Omat® 250mm (10") Soldering + Brazing Pad
Page 73

MEXCO®

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

MADE IN BRITAIN

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

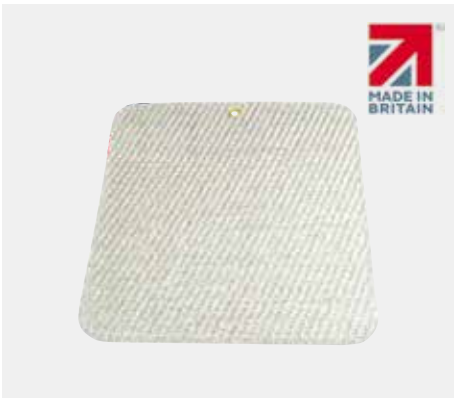
A patented, slotted protection mat or pad for soldering and brazing 15mm and 22mm copper tube and pipe. The size of the mat is 150mm x 150mm (6" x 6") for use in really awkward places where the larger sizes of Omat® would obstruct easy access of the soldering torch. It is designed to protect walls, cables, 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.

Page 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

Best Seller

MADE IN BRITAIN

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

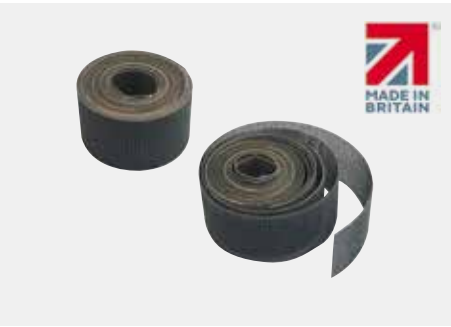
INST0273

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)

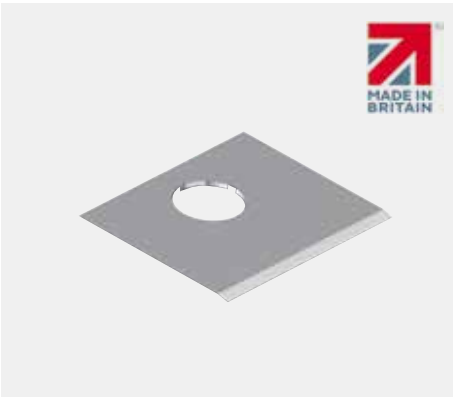
Quantity – 1
Dimensions –
75(h) x 75(w) x 40(d) mm (INST0115)
70(h) x 70(w) x 40(d) mm (INST0122)

INST0115	15mm
INST0122	22mm

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

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

INST1114	1¼"
INST1112	1½"



Spare Blades for Autocut® (Plastic Pipe Cutter)

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

INST0100

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

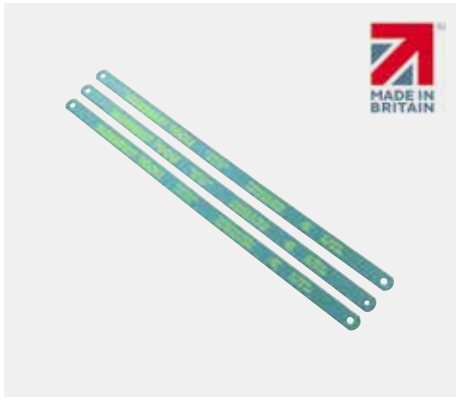
Quantity – 1
Dimensions – 245(h) x 75(w) x 10(d) mm

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

½, ¾ + 1" Lockshield Radiator Valve Key

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

INST2056

Four-Way Multipurpose Key

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

INST2059

TRV Tail Driver

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

INST2166

Radiator Bleed Keys

Quantity – 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 ½" + ¾" Stopcock Key
Quantity – 1
Dimensions – 1060(h) x 160(w) x 20(d) mm

INST0339

Pro Adjustable Basin Wrench (Two Jaws)
Quantity – 1
Dimensions – 255(h) x 90(w) x 80(d) mm

INST0345

27 x 32mm Tap Back Nut Box Spanner
Quantity – 1
Dimensions – 157(h) x 40(w) x 40(d) mm

INST0319

45 x 50mm Waste Nut Box Spanner
Quantity – 1
Dimensions – 200(h) x 60(w) x 50(d) mm

INST0308

8mm-13mm Monobloc Box Spanners
Quantity – Set of 3
Dimensions – 185(h) x 45(w) x 20(d) mm

INST3240

Malleable Cast Basin Back Nut Wrench
Quantity – 1
Dimensions – 260(h) x 27(w) x 45(d) mm

INST0327

Guarantees

1 Year on Plumbing Tools

Plumbing Tools

Compression Fittings + Immersion Heaters

Compression Fitting Nut Spanners

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

INST2042

Box Ring Immersion Heater Spanner

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

INST0358

Pro Cast Immersion Heater Spanner 86mm A/F

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

INST0361

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

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

15mm + 22mm Compression Fitting Olive Puller

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

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

INST2036

22mm Compression Fitting Olive Cutter

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

INST2031

15mm Compression Fitting Olive Cutter

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

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

Not for use on steel olives.

INST2030

Plumbing Tools

Guarantees
1 Year on Plumbing Tools

Boilers, Flues + System Testing

30mb Gas Test Gauge

Quantity – 1
Dimensions – 550(h) x 75(w) x 30(d) mm

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

INST0257

Mains Water Pressure Test Gauge 11 Bar x ¾" BSP

Quantity – 1
Dimensions – 285(h) x 55(w) x 40(d) mm

INST1510

Dry Test Kit 15mm x 4 Bar

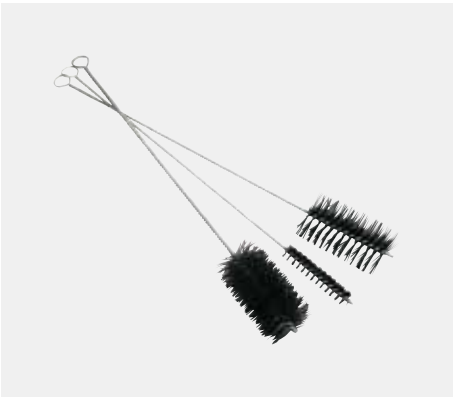
Quantity – 1
Dimensions – 130(h) x 55(w) x 30(d) mm

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

INST1512

Flue Brushes

Quantity – Pack of 3
Dimensions – 500(h) x 120(w) x 55(d) mm



INST3014

15mm + 22mm Pipe End Plugs

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

INST1368

15m Drain Down Hose

Quantity – 1
Dimensions – 280(h) x 240(w) x 175(d) mm

INST2404

2m Spare Gas Test Gauge Hose (LPG)

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

INST1731

Guarantees

1 Year on Plumbing Tools

Plumbing Tools

Wrenches + Spanners

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

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

INST3140

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

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

INST3141

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

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

INST3143

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

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

INST2071

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

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

INST2072

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

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

INST2073

150mm (6″) Thin Jaw Adjustable Wrench

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

INST4140

200mm (8″) Thin Jaw Adjustable Wrench

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

INST4141

6″ + 8″ Thin Jaw Adjustable Wrenches

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

INST41499

Plumbing Tools

Guarantees
1 Year on Plumbing Tools

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

Pages 36-39

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

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

ARCTIC HAYES

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)

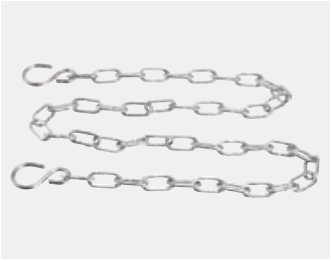
MFCBOX5	Box of 5
MFCBOX12	Box of 12
MFCROLL30	Roll of 30
MFCBOX50	Box of 50

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

1½" Poly Plug (Black) (Triangle)
Quantity – 2
Dimensions – 15(h) x 38(w) x 38(d) mm
200833-INS

1¾" Poly Plug (Black) (Triangle)
Quantity – 2
Dimensions – 15(h) x 45(w) x 45(d) mm
200837-INS

1½" + 1¾" Poly Plug Kit (Black)
Quantity – 1 (1 of each Plug)
Dimensions – 15(h) x 90(w) x 120(d) mm
200839-INS

1½" Plastic Basin Plug (White)
Quantity – 2
Dimensions – 21(h) x 38(w) x 38(d) mm
200842-INS

1¾" Bath Plastic Plug (White)
Quantity – 2
Dimensions – 21(h) x 43(w) x 43(d) mm
200844-INS

1½" Pop Up Plug Only (Chrome)
Quantity – 1
Dimensions – 72(h) x 40(w) x 40(d) mm
200867-INS

Tap Hole Stopper Abs (Chrome)
Quantity – 1
Dimensions – 32(h) x 50(w) x 50(d) mm
201051-INS

Domed Chain Hole Stopper (Chrome)
Quantity – 1
Dimensions – 41(h) x 13(w) x 13(d) mm
201052-INS

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)

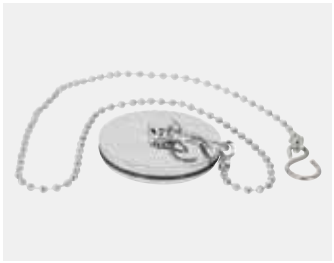
Quantity – 1
Dimensions – 22(h) x 68(w) x 68(d) mm

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

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

306810-INS

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

306816-INS

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

306832-INS

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

306850-INS

$^{5}/_{8}$" Flat Tap Washer
Quantity – 2
Dimensions – 5(h) x 22(w) x 22(d) mm

306880-INS

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

306882-INS	½"
306884-INS	¾"

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

306886-INS	½"
306888-INS	¾"

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

306924-INS

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

306940-INS	$^{3}/_{8}$"
306942-INS	½"
306944-INS	$^{5}/_{8}$"
306946-INS	¾"

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

306950-INS	½"
306952-INS	¾"

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

307413-INS

½" Directional Air Vent + ½" 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

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 Pushfit x ½" Flexible Tap – 30cm

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

324705-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

15mm Flexible Tap Connector – 30cm

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

324665-INS

15mm Pushfit x ¾" Flexible Tap – 30cm

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

324714-INS

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"

15mm x 10mm Flexible Tap Connector – 30cm

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

324675-INS

15mm Pushfit Flexible Connector – 30cm

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

324740-INS

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

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 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

½" Flexible Tap Fibre Washer
Quantity – 2
Dimensions – 2(h) x 20(w) x 20(d) mm

324790-INS

¾" Flexible Tap Rubber Washer
Quantity – 2
Dimensions – 2(h) x 24(w) x 24(d) mm

324795-INS

½" BS5412 Brass Headwork (Pair)
Quantity – 1
Dimensions – 150(h) x 150(w) x 24(d) mm

330135-INS

½" Ceramic Disc Headwork (Pair)
Quantity – 1
Dimensions – 150(h) x 150(w) x 24(d) mm

330180-INS

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

330910-INS	3/8"
330915-INS	½"
330920-INS	¾"

Universal Top Hat Washer ½" + ¾"
Quantity – 1
Dimensions – 12(h) x 50(w) x 50(d) mm

330950-INS

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

344260-INS	1.¼"
340297-INS	1.½"

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

344215-INS	1.¼"
344255-INS	1.½"

Cistern Overflow Stopper (Chrome)
Quantity – 1
Dimensions – 40(h) x 37(w) x 34(d) mm

344325-INS

Bottom Entry Overflow Pipe Angled
Quantity – 1
Dimensions – 277(h) x 42(w) x 42(d) mm

344330-INS

1½" Flush Pipe Sealing Ring
Quantity – 3
Dimensions – 9(h) x 47(w) x 47(d) mm

344335-INS

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

344405-INS

½" 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

1½" Compression Syphon Nut

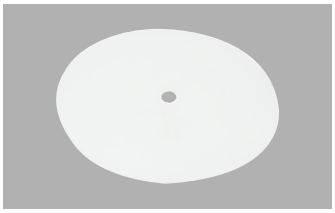
Quantity – 1
Dimensions – 17(h) x 57(w) x 57(d) mm

345420-INS

Oblong Syphon Washer

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

345430-INS



Round Syphon Washer

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

345433-INS	4.½"
345435-INS	5"

Syphon Bolt Kit Long + Washer

Quantity – 1
Dimensions – Please request

345505-INS

Toilet Pan Screw Set

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

345550-INS

Sanitary Fixing Kit 10 x 120

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

345560-INS

Brass Adjustable Cistern Lift Arm

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

345605-INS

Plastic Adjustable Cistern Lift Arm

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

345610-INS

Cistern Handle Ceramic (Chrome)

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

345617-INS

Metal Cistern Lever Kit (Chrome)

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

345620-INS

Chrome Lever Kit 160mm Spindle

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

345630-INS

E Type Finger Tip Front Cistern Lever

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

345635-INS

Small Cistern C Link

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

345650-INS

Large Cistern C Link

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

345660-INS

C Link Pack (Small and Large Bag)

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

345670-INS

Set of Toilet Seat Hinges (Black)

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

345700-INS

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	½″
348620-INS	¾″

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

348910-INS	½″
348917-INS	¾″

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

348985-INS	½″
348987-INS	¾″

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

352020-INS

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

352070-INS

4′ Bayonet Cooker Hose
Quantity – 1
Dimensions – 1122(h) x 34(w) x 34(d) mm

352121-INS

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

352144-INS

⅛″ 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	½"
394010-INS	¾"

Plastic Washers

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

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

1¼" Plastic Sink Washer

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

394045-INS

1½" Plastic Washer

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

394050-INS

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

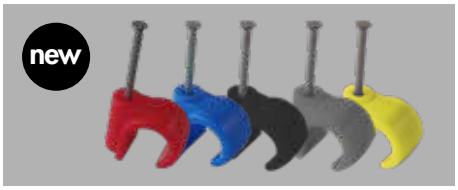
INST61427N

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

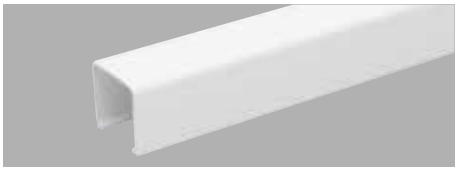
Grey	
M207	16mm
M208	22mm

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

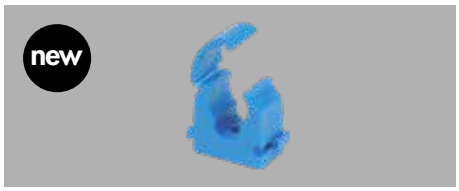
Colour – Red, Blue, Black, Yellow or Black
Quantity – 100 Pack

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

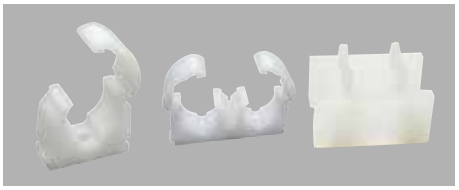
COLD Blue	
P502	15mm
P503	22mm

GAS Yellow	
P504	15mm
P505	22mm

15, 22, 28mm Clip Lock Pipe Clip

Colour – White
Quantity – 100 Pack

P100	15mm
P101	22mm
P102	28mm



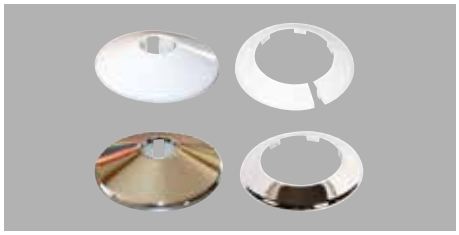
10, 15, 22, 28mm Hinged Clip

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

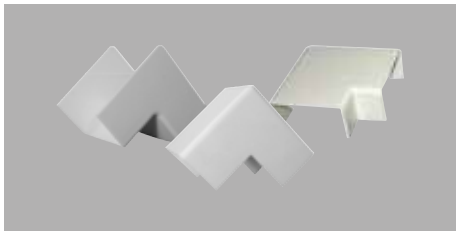


10, 15, 22, 28, 35, 42, 110mm Collar Clip

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

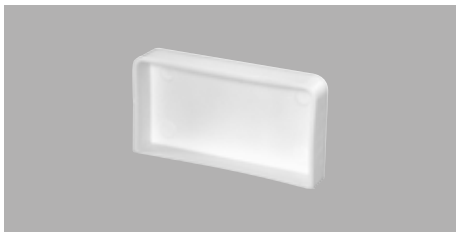
Colour – White
Quantity – 1 Pack

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

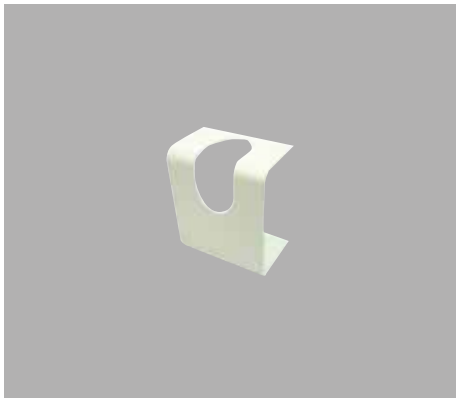


10, 15, 22, 28mm Stop End Clips

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.

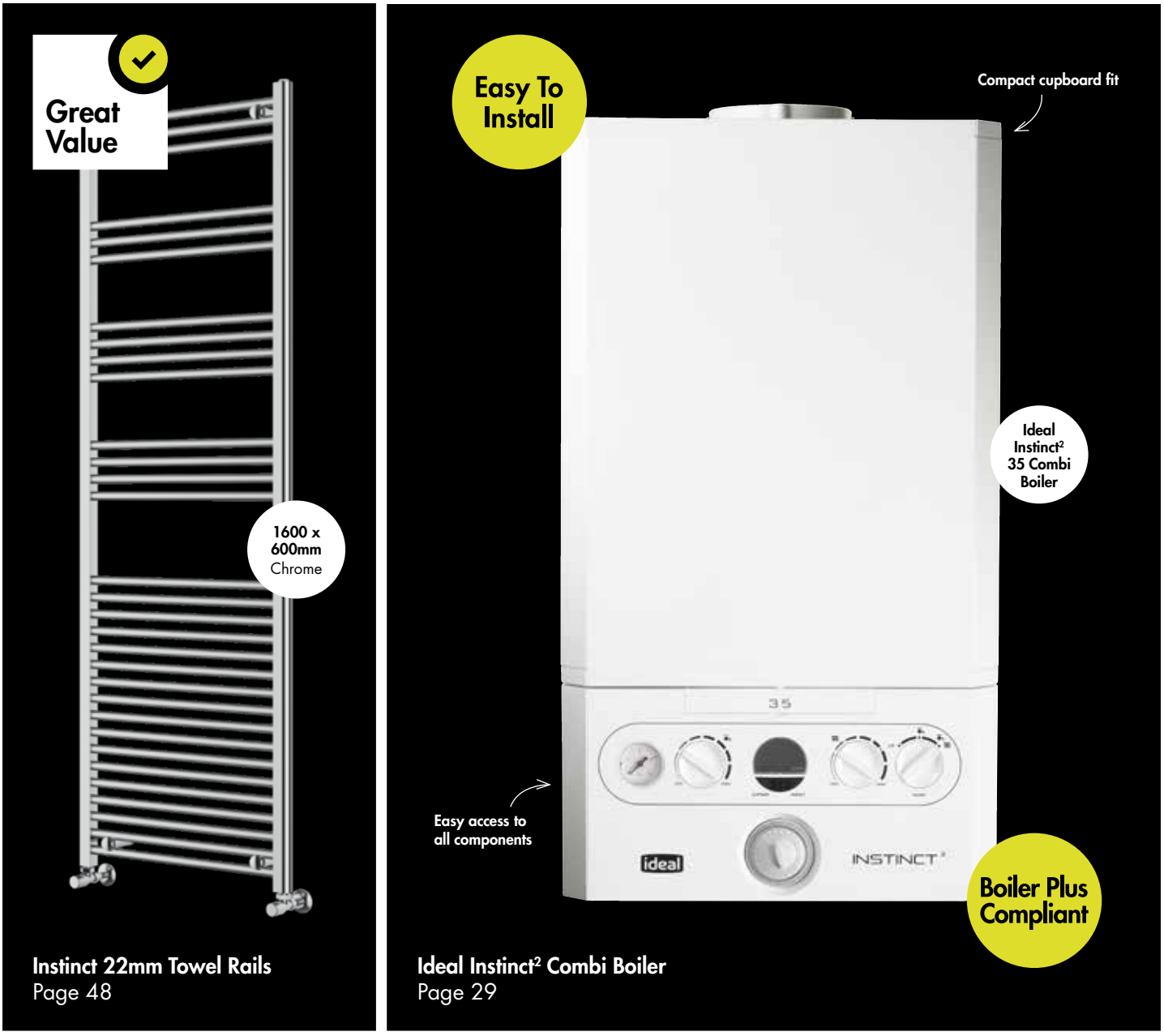
Where required our Instinct products are individually and legally tested to ensure compliance with CE and UKCA Marking. This not only covers material quality but also lifecycle, product impact testing, water integrity and traceability of manufacture.

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.

Heating solutions for domestic installations



Instinct 22mm Towel Rails
Page 48

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Page 29

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Page 30

Ideal Instinct Standard + Slimline Cylinders
Pages 38–39

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Page 40

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