INSTINCT® | PRO

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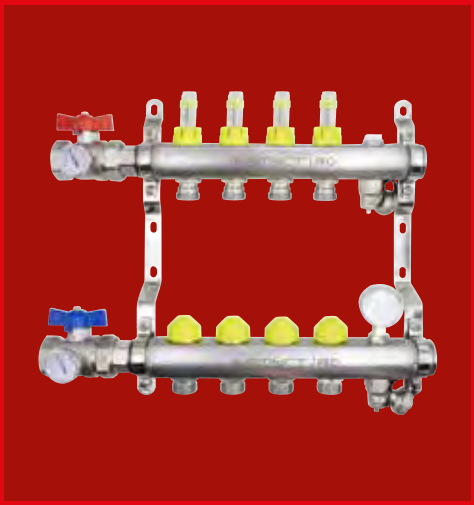
BELL
PLUMBING SUPPLIES

Plumbing + Heating Collection
2026/27













INSTINCT®

ideal HEATING

SIMPLER INSTALLATION. CONFIDENT PERFORMANCE.

Ideal Instinct Logic Air **Heat Pump 4–10kW**

Straightforward Installation
Monobloc design for easier installation and servicing

SCOP Up To 5.19
Efficient seasonal heating performance

UK Expert Support
Customer service available 365 days a year



SCAN ME TO FIND YOUR NEAREST STOCKIST

What's New...

Discover our latest plumbing + heating additions for 2026/27.

NEW



6
Ideal Instinct Logic Air Heat Pump

NEW

Easy to Install

Differential Pressure

Low Noise



63
Wilo Yonos PICO-Z Circulating Pump

NEW

Prevents Fouling



29
Instinct Pro Biocide Treatment (Heat Pumps + UFH)

NEW

Fast Pressing

Longer Runtime

Twin Batteries



101
ZUPPER® PZ-1550
Battery Powered Press Tool

NEW



72
Stelrad 25mm + 22mm Straight Towel Rails

Renewables 4

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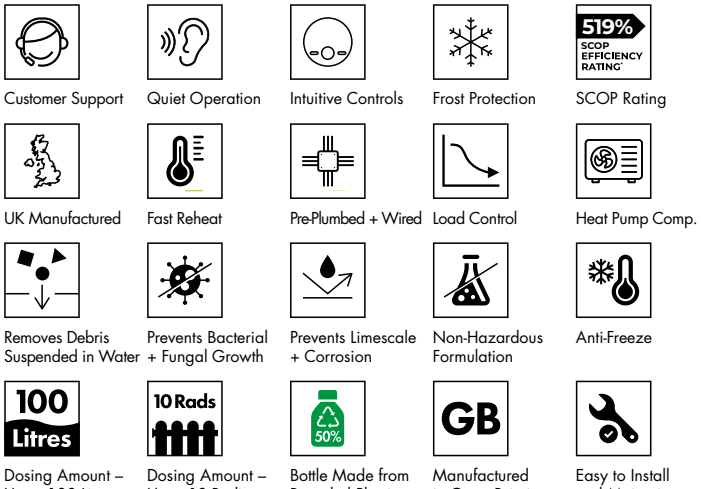
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Renewables

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Icon Key

Our handy icon key helps you quickly recognise key product features and choose the product that suits you best.



Our frequently ordered Renewable products...

NEW

UK Climate Ready

High Efficiency



6
Ideal Instinct
Logic Air Heat Pump

NEW



8
Ideal Instinct
Heat Pump Cylinders

NEW



12
Inta Zero+
Anti-Freeze Valves

NEW

Prevents Fouling



29
Instinct Pro Biocide Treatment (Heat Pumps)

INSTINCT® | PRO

Your Home for Renewable Products



Heat Pump Installer Packs
Everything you need to complete the job

Heat Pump Filters
Improve efficiency, safeguard heat pumps and low-temperature systems, and prolong their lifespan

Anti-Freeze Valves
Keep the system running smoothly in cold weather

Ancillaries
Boost performance and simplify installation with key supporting products

SCAN ME TO FIND YOUR NEAREST STOCKIST

ideal HEATING

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

ideal HEATING

INSTINCT LOGIC AIR

4kW 5kW 8kW 10kW **Heat Pump System**

Fully Pre-Plumbed + Pre-Wired

Fast Reheat Time

All Weather Performance



Guarantees

5 **Years**
on Ideal Instinct Logic Air Heat Pump

Heat Pump

Ideal Instinct Logic Air Heat Pump

Heat pump range from 4-10kW designed to deliver efficient, simple and reliable low carbon heating. Integrates seamlessly with Instinct heat pump cylinder and Halo Logic Air room thermostat. All supported by industry leading customer service based in the UK and open 365 days a year.

Reliable heating and hot water performance, **designed specifically for UK conditions**

SCOP up to 5.19 for **efficient seasonal performance**

Low-noise operation **for greater comfort around the home**

Reliable hot water performance in sunshine, rain, ice and snow

Compatible with radiator and underfloor heating systems

Automatically adapts heating output to outdoor conditions for **efficient, comfortable heating**

Designed to work alongside solar PV to **help maximise renewable energy use**

Refrigeration components are contained within the outdoor unit for **straightforward installation and servicing**

Compatible with Ideal Instinct heat pump cylinders for **efficient, rapid domestic hot water re-heating**

Extended lifetime warranty available

Expert support available 365 days a year

Finish – Grey
Dimensions – See table below

NEW

UK Climate Ready

High Efficiency

Quiet Operation

Heating System Compatible

Solar PV Ready

Customer Support



Ideal Instinct Logic Air 4kW

NEW	**255221**	Ideal Instinct Logic Air 4kW
NEW	**255222**	Ideal Instinct Logic Air 5kW
NEW	**255223**	Ideal Instinct Logic Air 8kW
NEW	**255224**	Ideal Instinct Logic Air 10kW

PROTECT YOUR HEAT PUMP SYSTEM

Page 29

Instinct Pro chemicals help maintain a healthy heating system.





Ideal Instinct Logic Air 8kW

Specification	Unit	Instinct Logic Air 4kW	Instinct Logic Air 5kW	Instinct Logic Air 8kW	Instinct Logic Air 10kW
Heat Pump Space Heating [35°C]*	SCOP (EN14825)	4.96	5.07	5.16	5.19
Heat Pump Space Heating [55°C]*	SCOP (EN14825)	3.48	3.65	3.7	3.73
Heating [A 7°C / W 35°C]*	COP	5.34	5.15	5.19	4.9
Heating [A 7°C / W 55°C]*	COP	3	3.04	3.07	3.01
Sound Power Level (EN 12102 - 1)	db(A)	52	52	55	55
Pipework Connection Sizes	Heating F/R (mm)	28	28	28	28
Dimensions Outdoor Unit	H x W x D (mm)	798 x 1095 x 518	798 x 1095 x 518	1008 x 1095 x 518	1008 x 1095 x 518
Refrigerant Charge (kg)*	R32	0.88	0.88	1.47	1.47

**Performance data in accordance with EN 14825: 2016, EN 12102-1: 2022, EN 14511: 2018. The energy efficiency provided may not correspond to the actual energy once installed in a building, as the efficiency is influenced by other factors such as heat loss in the distribution system and the capacity of the products in relation to building size and characteristics.*

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

Heat Pump Pre-Plumbed Cylinder

Guarantees

Years 25
on Ideal Instinct Heat Pump Pre Plumbed Cylinder

Ideal Instinct Pre Plumbed + Wired Heat Pump Cylinders

The Instinct heat pump stainless steel cylinders are designed and manufactured in the UK. A separate buffer tank is housed in same case as a DHW cylinder and all models come pre-wired plumbed. Cylinders also de-couple the heating system from the heat pump protecting flow rates and enabling two zone control.

Designed and manufactured in the UK **for the demands of UK homes**

Fast hot water recovery helps ensure **hot water is available when needed**

Key components are factory-fitted to **simplify installation, saving time** and **reducing installation complexity**

Sensors and controls are factory-fitted to **optimise installation and improve system reliability**

Combined DHW and buffer cylinders **provide a complete solution in a single unit**

Combines the DHW cylinder, buffer tank and key system components within one cabinet

180–300L capacity cylinder sizes provides **options to suit different household requirements**

Supplied with the control box for a more **complete installation package**

Designed specifically to **efficiently store** and **generate hot water using a heat pump**

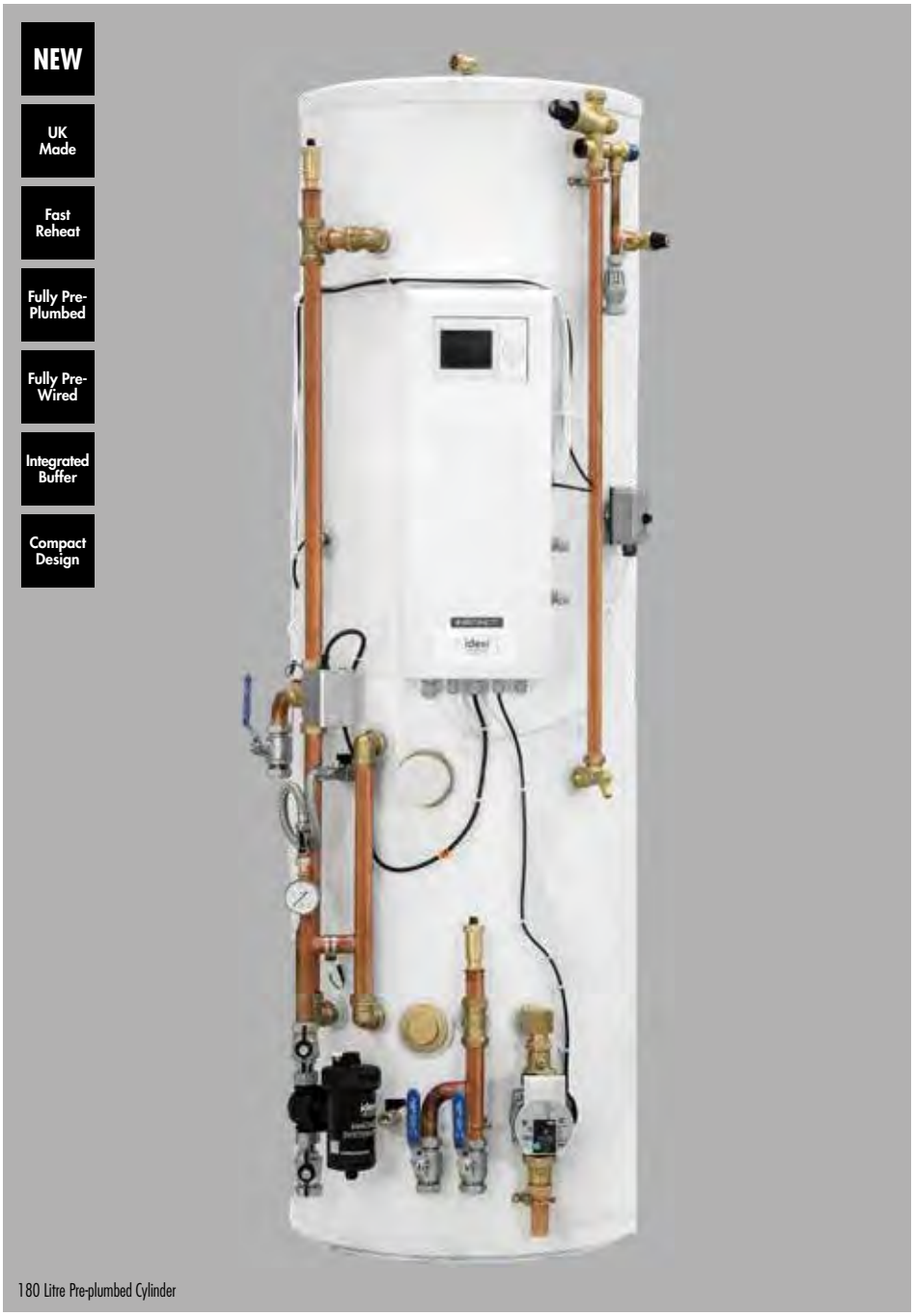
Supplied with key components **including circulation pump, expansion vessel, valves, sensors and 3kW immersion**

Finish – White
Dimensions – See table below

180 Litres | 250 Litres | 300 Litres

NEW	**254873**	180 Litre Pre-plumbed Cylinder
NEW	**254874**	250 Litre Pre-plumbed Cylinder
NEW	**254875**	300 Litre Pre-plumbed Cylinder

NEW
UK Made
Fast Reheat
Fully Pre-Plumbed
Fully Pre-Wired
Integrated Buffer
Compact Design



180 Litre Pre-plumbed Cylinder

Includes	
High temp pump cut out	Pressure gauge
Flow and return thermistors	3kW immersion
P&T valve	DHW thermistor
Wiring centre	Automatic air vent(s)
Controller	Isolation valves
Expansion vessel	Outdoor sensor
Heat pump filter	Circulation pump(s)
DHW 3-port valve	

Specification	Unit	Instinct DHW CYL PP 180 CBOX BUFF 1Z	Instinct DHW CYL PP 250 CBOX BUFF 1Z	Instinct DHW CYL PP 300 CBOX BUFF 1Z
Energy Efficiency Class	–	B	B	B
Heat Loss	Watts/h	49	62	68
Capacity (DHW content)	Litres	171	239	287
Volume of Integrated Buffer	Litres	70	63.5	63.5
Weight Full	Kg	305.6	379	437.5
Primary Heat Exchanger Surface Area	m^2	2.5	2.5	3
Heat Up Time from 10°C to 50°C*	Min	22.17	26.56	44.09
Cylinder Diameter	mm	550	630	630
Cylinder Height	mm	1829	1829	2049
Overall Dimensions	mm	1907(h) x 644(w) x 702(d)	1908(h) x 705(w) x 780(d)	2128(h) x 705(w) x 780(d)
Second Zone Kit Code	–	245625	245625	245625

**Heat Up Time, HWA Heat Pump Test 002:2020 (flow rate 0.42l/s and flow temperature of 55°C)*

Guarantees

2 **Years**
on Ideal Heat Pump Controls

Heat Pump Controls

Ideal Halo Air Thermostat

Halo Air is a programmable room thermostat, designed to work seamlessly with the Logic Air monobloc heat pump.

Added reassurance with a two-year warranty

Connects with compatible smart home systems for convenient heating control

Control your heating and hot water from **anywhere using the app**

Simple setup gets you **connected quickly and easily**

Access support from Ideal customer service for help with your smart heating system

Automatically adjusts heat pump output to help **maintain comfort and improve efficiency**

Designed to work seamlessly with Instinct Logic Air heat pumps

Straightforward wiring connections to the heat pump control box **make installation easier**

Intuitive dial and button interface **makes everyday operation easy**

Finish – White

Ideal Halo Programmable Room Thermostats (WiFi)	
NEW **234790**	Halo Air Single Zone WiFi
NEW **234792**	Halo Air 2-Zone WiFi
Ideal Halo Programmable Room Thermostats (RF)	
NEW **234819**	Halo Air Single Zone RF
NEW **234791**	Halo Air 2-Zone RF

Specification	
Power Source (Single Zone)	4 x AA alkaline batteries or USB
Power Source (2-Zone)	8 x AA alkaline batteries or USB
Heat Pump Connection Protocol	BSB
Install Location	Wall mounted or desk mounted
Desk Stand Supplied	Yes
ERP Class	Class VI
TTZC (Time, Temperature + Zone Control)	Yes – Time + temperature control
Certification	UKCA CE

**2 year parts and labour warranty available when registered within 30 days of installation. Terms and conditions apply.*

NEW | Easy to Install | Smart Home Compatible | Load Control | Easy App Setup | Instinct Logic Air Compatible | Customer Support



Ideal Halo Air Single Zone WiFi

NEW | Easy to Install | Load Control | Instinct Logic Air Compatible | Simple Controls



Ideal Halo Air Single Zone RF

Ideal Service + Support Installers

EXPERT ACADEMY

Ideal Support

Our Expert Academy offers various training courses and support for installers wanting to develop their expertise.

LIFETIME WARRANTY
Lifetime care for your Logic Air

Warranty

One simple plan helps keep your heat pump system protected year after year, with annual servicing, ongoing warranty and expert support.

T&Cs Apply, lifetime warranty is a subscription service, additional charges will apply.

Ideal Customer Support

Available 365 days a year, we believe in providing outstanding service and technical support for all customers.

Ideal Resource Centre

Have confidence from day one with direct access to our latest assisted commissioning and installation resources.

inta

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

Heat Pump Filters

Guarantees

Years 5 on IntaKlean Heat Pump Filter

Years 2 on IntaKlean HP Insulation Cover

Heat Pump Ready

Dual Filtration

11,000 Gauss Magnet

300µm Fine Filtration

Easy to Service

Glycol Compatible





IntaKlean HP 28mm Insulation Cover

IntaKlean 28mm Filter Data Sheets, Installation Instructions + Maintenance

IntaKlean 28mm 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.

This is the ideal solution to prevent costly and unnecessary system breakdowns caused by both magnetic and non-ferrous 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 11,000-gauss rare earth neodymium magnet.

Actively filters magnetite and non-ferrous system debris

Low-profile drain valve

360° rotation for ease of servicing

Suitable for water or water + glycol (Maximum 50% glycol)

90°C maximum temperature

4 Bar maximum working pressure

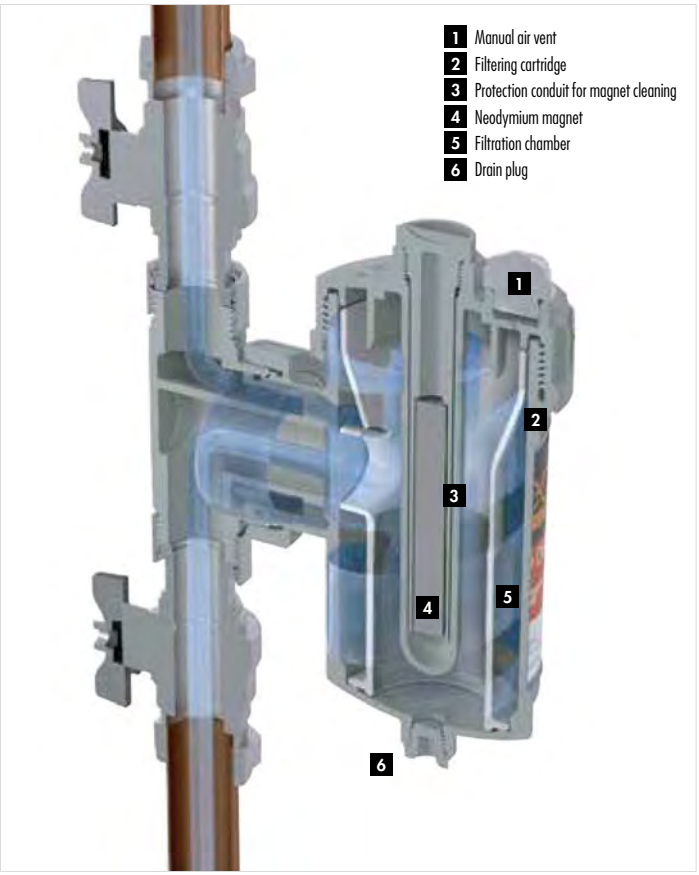
300µm + **800µm** degree of filtration

11,000 Gauss magnet strength

Kv Value (35mm Only) – **8.27 m³/h**

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

Max 90°C | Max 4Bar



IKHPMF28	IntaKlean HP 28mm Magnetic Heat Pump Filter
NEW **IK28INSU**	IntaKlean HP 28mm Insulation Cover

Guarantees

10 **Years**
on Fernox Heat Pump Filter

Heat Pump Filters



- Heat Pump Ready
- High Flow Filtration
- COP Protection
- Full Bore Valves
- 80 L/Min Flow Rate

Take a closer look at the Fernox TF1 Sigma HP Filter feature video

Fernox TF1 Sigma HP Filter

The TF1 Sigma HP Filter efficiently removes all types of debris from renewable heating systems using patent pending technology.

The innovative TF1 Sigma HP Filter does not restrict flow, even at high flow rates, and will not block, ensuring the COP (co-efficient of performance) of the system is maintained thereby reducing energy consumption and fuel wastage. Simple and fast to install, the TF1 Sigma HP Filter is supplied with full bore valves as standard, which results in improved system performance, and greater energy efficiency.

Specifically designed for Air and Ground Source Heat Pump systems

Filter is extremely effective at high flow rates and across a range of debris types to ensure the system remains free of contaminants

Constructed from a high-quality glass reinforced engineering polymer with brass full bore valves as standard

Suitable for water or water + glycol (Maximum 50% glycol)

100°C maximum working temperature

5 Bar maximum working pressure

80 L/min maximum flow rate

Finish – Black
Dimensions – 346(h) x 90(w) x 179(d) mm

Max 100°C | Max 5 Bar



Premium brass, full bore isolation valves supplied as standard – allows high flow rates

62614	Fernox Sigma HP Filter 22mm
62615	Fernox Sigma HP Filter 28mm

inta

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

Anti-Freeze Valves

Guarantees

Years on Inta Zero+ Anti-Freeze Valves **2**

INTA ZERO+ ANTI-FREEZE VALVES

Includes **ZERO GUARD** Anti-vacuum Valve Protector

NEW | Integrated Isolation | Easy to Maintain | Faster Installation | Space Saving

inta zero+



INTELLECTUAL PROPERTY **PATENT PENDING**

Guarantees

2 **Years**
on Inta Zero+ Anti-Freeze Valves

Anti-Freeze Valves

NEW



Inta Zero+ – Anti-Freeze Valve 28mm

NEW



Inta Zero+ – 1" Swivel x 28mm

NEW



Inta Zero+ – Anti-Freeze Valve 35mm

NEW



Inta Zero+ – 1¼" Swivel x 35mm

Inta Zero+ Anti-Freeze Valves – The most reliable anti-freeze valve

Introducing the patent-pending Inta Zero+ anti-freeze valve. An innovative solution that combines the trusted performance of the Inta Zero anti-freeze valve with a fully integrated isolation valve.

By eliminating the need for separate isolation valves, the Inta Zero+ helps reduce installation time, saves space, lowers costs, and minimises potential leak points. It retains the same accurate, reliable, and dependable technology that has made the Inta Zero a trusted choice across the industry, while delivering enhanced convenience through its integrated design.

Reduced installation space
A single compact component replaces two separate valves, simplifying the system layout and enabling installation even in tight technical spaces.

Shorter installation time
Fewer connections to make and fewer components to install mean the system can be completed more efficiently, with a lower risk of assembly errors.

Simplified maintenance
The anti-vacuum or temperature sensing valve can be inspected or replaced without draining the system, drastically reducing downtime and avoiding invasive service operations.

Lower overall costs
Fewer components, less time and reduced risk lead to lower material, labour and maintenance costs throughout the entire life cycle of the system.

10 Bar maximum inlet pressure (Static)

Suitable for water

±1°C Sensitivity

+3°C opening temperature, **+4°C** closing temperature

0°C to +80°C working temperature range

-30°C to +60°C ambient temperature range

1.5 L/H max discharge Flow Rate @ 3 Bar

Kv Value – **64m³/h** (ZP028), **70m³/h** (ZP035), **33m³/h** (ZP00128SW), **52m³/h** (ZP11435SW)

Max 80°C | Max 10 Bar

NEW	**ZP028**	Inta Zero+ Anti-Freeze Valve 28mm
NEW	**ZP035**	Inta Zero+ Anti-Freeze Valve 35mm
NEW	**ZP00128SW**	Inta Zero+ 1" Swivel x 28mm
NEW	**ZP11435SW**	Inta Zero+ 1¼" Swivel x 35mm
NEW	**INSULPLUS28SW**	Insulation for 1" + 28mm Inta Zero+
NEW	**INSULPLUS35SW**	Insulation for 1¼" + 35mm Inta Zero+

Scan for further information



INTELLECTUAL PROPERTY PATENT PENDING

The Inta Zero + is supplied complete with Inta's patent-pending Zero Guard anti-vacuum valve protector. Also available as an accessory is a purpose designed insulation jacket to support compliance with the Building Regulations Part L.

inta

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

Anti-Freeze Valves

Guarantees

Years 2
on Inta Zero Anti-Freeze Valves

Inta Zero Videos, Data Sheets, Installation Instructions + Maintenance

Direct Sensing

±1°C Accuracy

Debris Protected

Reliable Operation



Inta Zero – Anti-Freeze Valve 1" Male x 1" Female Swivel

Inta Zero – The most reliable anti-freeze valve

Inta Zero Anti-Freeze Valves have been specifically designed to quickly and accurately react to the water temperature in the heat pump circuit and do not need the influence of the ambient temperature to operate.

Preventing the influence of ambient temperatures
The Inta Zero has been designed and engineered to avoid negative influences from low ambient temperatures by directly positioning the element in the system water flow, permitting accurate system discharge only when it is truly needed.

Protection from system debris
A protective ring has been included in the construction to prevent system debris from clogging the operation of the valve.

Operating when needed
Double O-rings and reduced surface friction treatment on the operating member also ensure correct operation and reliability even after years of non-movement.

10 Bar maximum inlet pressure (Static)

Suitable for water

±1°C Sensitivity

+3°C opening temperature, **+4°C** closing temperature

0°C to +80°C working temperature range

-30°C to +60°C ambient temperature range

1.5 L/H max discharge Flow Rate @ 3 Bar

Kv Value – **55m³/h** (ZERO001), **70m³/h** (ZERO114), **64m³/h** (ZERO28), **70m³/h** (ZERO35), **33m³/h** (ZERO1SW), **52m³/h** (ZERO14SW)

Max 80°C | Max 10 Bar

INTELLECTUAL PROPERTY PATENT PENDING

Valve Protection

Inline Fitting

Filter Access



Anti-Freeze Valve Protector

R290

ZERO28	Inta Zero Anti-Freeze Valve 28mm
ZERO35	Inta Zero Anti-Freeze Valve 35mm
ZERO001	Inta Zero Anti-Freeze Valve 1" Male
ZERO114	Inta Zero Anti-Freeze Valve 1¼" Male
ZERO1SW	Inta Zero Anti-Freeze Valve 1" Male x 1" Female Swivel
ZERO14SW	Inta Zero Anti-Freeze Valve 1¼" Male x 1¼" Female Swivel
ZEROGUARD	Anti-Freeze Valve Protector
INSULZERO28SW	Insulation for 1" + 28mm Zero Valve
INSULZERO35SW	Insulation for 1¼" + 35mm Zero Valve

Building Regulations Part L Compliance

Building regulations Part L states that all external pipework on an Air Source Heat Pump System should be fully insulated to reduce heat loss and maintain system efficiency. Inta Zero Anti-Freeze Valves will maintain correct operation and discharge the water at the same temperature even when a system is correctly insulated.

Fully Insulated

The Inta Zero's thermostatic element sits directly in the system's water flow, allowing it to accurately react to the temperature of the system, regardless of ambient temperature. This means the Inta Zero can be fully insulated to help maintain the COP and SCOP of your system without affecting the operation.



Guarantees

5 Years on Fernox Anti-Freeze Valves

2 Years on Bastion Anti-Freeze Valves

Anti-Freeze Valves

Take a closer look at the Fernox Anti-Freeze Valve feature video

Easy to Install
Freeze Protection
Automatic Operation
Heat Pump Specific
±1°C Accuracy





Fernox Anti-Freeze Valve 1¼"



Fernox Anti-Freeze Valve Thermal Cover

Easy to Install
Freeze Protection
Automatic Operation
Cooling Compatible
±1°C Accuracy
55 m³/h Flow Rate







Bastion Anti-Freeze Valve 1¼" (Male to Female Swivel)

Fernox Anti-Freeze Valves

The Fernox Anti-Freeze Valve is specifically designed to protect water-based air source Heat Pump heating systems. In cold weather when temperatures drop, systems that are not treated with a glycol-based fluid can freeze within the heat pump circuit potentially causing harmful and costly damage to vulnerable heat pump components and system pipework; eventually causing premature breakdown and repair.

The Fernox Anti-Freeze Valve is an essential, simple to install component developed to prevent frozen systems by detecting when the fluid in the circuit is close to freezing point i.e., when the circuit temperature reaches below 3°C. The Anti-Freeze Valve will automatically open and release system water, preventing ice from forming within the Heat Pump system and safeguarding the operation of the system.

10 Bar maximum inlet pressure (Static)

Suitable for water

±1°C Sensitivity

+3°C opening temperature, **+4°C** closing temperature

0°C to +75°C working temperature range

-30°C to +60°C ambient temperature range

Kv Value – **23.1 m³/h**

Max 75°C | Max 10 Bar

62664	Fernox Anti-Freeze Valve 28mm
62665	Fernox Anti-Freeze Valve 1¼"
62691	Fernox Anti-Freeze Valve Thermal Cover 1¼"
62690	Fernox Anti-Freeze Valve Thermal Cover 28mm/1"

Bastion Anti-Freeze Valves

The Anti-Freeze valve allows the circuit medium to be drained when its temperature reaches an average value of 3°C. This prevents ice forming in the circuit of a system, generally with a heat pump, avoiding potential damage to the machine and to the pipes. The version with the air sensor allows the system to work in cooling mode, even when the water temperature is approaching 3°C. In these conditions the air sensor cuts in to prevent water drainage.

10 Bar maximum inlet pressure (Static)

Suitable for water

±1°C Sensitivity

+3°C opening temperature, **+4°C** closing temperature

0°C to +65°C working temperature range

-30°C to +60°C ambient temperature range

Kv Value – **55 m³/h**

Max 65°C | Max 10 Bar

ZL-7201-1M	Bastion Anti-Freeze Valve 1"
ZL-7201-11/2M	Bastion Anti-Freeze Valve 1½"
ZL-7201-11/4M	Bastion Anti-Freeze Valve 1¼"
ZL-7201-11/4MF	Bastion Anti-Freeze Valve 1¼" (Male to Female Swivel)
ZL-7201-1MF	Bastion Anti-Freeze Valve 1" (Male to Female Swivel)
ZL-7201-28MM	Bastion Anti-Freeze Valve 28mm

inta

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

Ball Valves

Guarantees

Years on Inta Ball Valves **2**





Inta K-Type 1" Female Swivel x 1" Male Flat Face Extended Ball Valve



Supplied with a dust cover to protect the adjuster + adjustment tool

Inta K-Type Ball Valve Data Sheets, Installation Instructions + Maintenance

Inta K-Type Extended External Ball Valves

The Inta extended external ball valve provides easy connections between the heat pump, flexible hose, Anti-Freeze valve (if fitted) and the heating system.

The extended stem allows the insulation to be sealed, which will not be broken when operating the valve.

Rotation of stem limited to 90° (open to closed), supplied individually to suit the flow or return of the heat pump system. It is recommended that a valve is installed on both flow and return pipework.

- Solid brass construction
- Pressure rating of **PN25**
- Variety of connections to suit all installations
- Fixed key type adjuster allows the ball valve to be fully insulated without affecting its operation
- Supplied with an adjustment tool and a dust cover to protect the adjuster
- ISO228 threads
- **25 Bar** maximum inlet pressure (Static)
- **-10°C to +90°C** operating temperature
- **-20°C to +120°C** temperature range
- Kv Value – **66m³/h** (HPBV11, HPBV114, HPBV28), **80m³/h** (HPBV114X2, HBPV35)

Max 120°C | Max 25 Bar

HPBV11	Inta K-Type1" Female Swivel x 1" Male Flat Face Extended Ball Valve
HPBV114	Inta K-Type1¼" Female Swivel x 1" Male Flat Face Extended Ball Valve
HPBV114X2	Inta K-Type 1¼" Female Swivel x 1¼" Male Flat Face Extended Ball Valve
HPBV28	Inta K-Type 1" Female Swivel x 28mm Extended Ball Valve
HPBV35	Inta K-Type 1¼" Female Swivel x 35mm Extended Ball Valve





Inta K-Type Ball Valves Insulation

Inta Ball Valve Data Sheets, Installation Instructions + Maintenance

Inta Heat Pump Ball Valves (with Filter)

- Solid brass construction
- Lever ball valve handle
- Pressure rating of **PN25**
- **25 Bar** maximum inlet pressure (Static)
- **-10°C to +90°C** operating temperature
- **-20°C to +120°C** temperature range
- Includes a **500µm mesh filter**
- Kv Value – **66m³/h** (BVF28), **80m³/h** (BVF35)

Max 120°C | Max 25 Bar

BVF28	Inta 28mm Ball Valve (with 500 Micron Filter Cartridge)
BVF35	Inta 35mm Ball Valve (with 500 Micron Filter Cartridge)

Inta K-Type Ball Valves Insulation

- Insulation cover to increase system efficiency
- Pre-Cut to fit extended ball valves
- Treated closed cell polyethylene
- **-45°C to +105°C** operating temperature
- **0.034 W/mk** thermal conductivity
- **µ ≥ 39,300** water vapour resistance
- **For external use only**

INSUL28BALLVALVE	Inta Insulation (for 28mm / 1" Ball Valve)
INSUL35BALLVALVE	Inta Insulation (for 35mm / 1¼" Ball Valve)

Guarantees

2 Years on Inta Valves



Inta Fill + Flush Valves

Solid brass construction

Allows simple and easy filling & flushing in one convenient fitting

Complete with end caps

Water + Glycol up to 50%

16 Bar maximum inlet pressure (Static)

-5°C to +99°C working temperature

Max 99°C | Max 16 Bar

INFAF22	Inta 22mm Fill + Flush Valve
INFAF28	Inta 28mm Fill + Flush Valve



Inta By-Pass Valves

Automatically stabilises flow

Protects the pump from pumping against closed head

10 Bar maximum inlet pressure (Dynamic)

100°C maximum inlet temperature

1 to 5m³/hour flow capacity

0.1 to 0.5 Bar differential pressure range

Max 100°C | Max 10 Bar

ABPA28CP	Inta 28mm Angled By-Pass Valves
ABPS28CP	Inta 28mm Straight By-Pass Valves



Inta-Vent Deaerator

Automatically removes trapped air

Reduces wear on system components

Water + Glycol up to 30%

10 Bar maximum pressure (Static)

100°C maximum operating temperature

-10°C minimum inlet temperature

Max 100°C | Max 10 Bar

IV22	22mm Inta-Vent Auto Air Eliminator
IV28	28mm Inta-Vent Auto Air Eliminator



Inta Flow Balancing Valves

Regulates the flow of fluid

Maximises heat collection in cylinders

Water + Glycol up to 50%

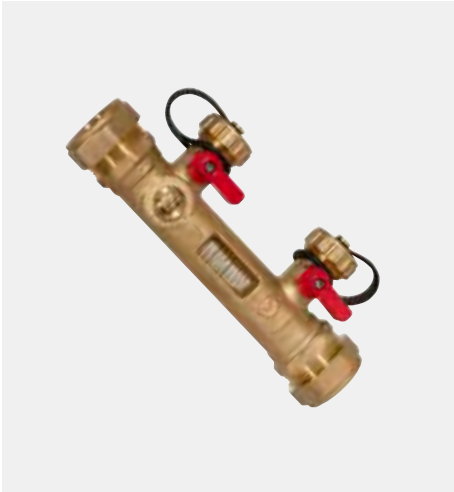
10 Bar maximum pressure (Static)

110°C maximum operating temperature

-20°C minimum operating temperature

Max 110°C | Max 10 Bar

INFSV2840	28mm Flow Balancing Valve (5-40 L/min)
INFSV2850	28mm Flow Balancing Valve (10-50 L/min)



Inta Flow Balancing Valves (with Fill + Flush)

Regulates the flow of fluid

Maximises heat collection in cylinders

Water + Glycol up to 50%

10 Bar maximum pressure (Static)

-20°C to 110°C maximum operating temperature

Max 110°C | Max 10 Bar

INFBV28	28mm Flow Balancing Valve (with Fill + Flush 5-40 Litre)
INFBV2850	28mm Flow Balancing Valve (with Fill + Flush 10-50 Litre)



Inta Y-Pattern Strainers

Passively filters debris and particles in the system

Convenient in-line design

Easily accessible filter makes servicing quick and simple

16 Bar maximum pressure (Static)

100°C maximum inlet temperature

Max 100°C | Max 16 Bar

YPS085828800	28mm Y-Pattern Strainer (800 Micron)
YPS0858125800	1¼" F x F Y-Pattern Strainer (800 Micron)

inta

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

Hoses

Guarantees

Years on Inta Hoses **2**



HPHOSE300 Straight Hose

HPHOSE300B Angled Hose



Inta Flexible Hoses Data Sheets, Installation Instructions + Maintenance

Inta Flexible Connection Hoses

Building regulations Part L states that all external pipework on an air source heat pump system should be fully insulated to reduce heat loss and maintain system efficiency.

In systems where every watt counts, Inta's pre-insulated hoses have been designed for external use to prevent heat losses and to help maintain the COP and SCOP of the system, preventing losses of energy, contributing to an efficient system and preventing higher costs to run than expected.

Available in **300mm**, **500mm** and **750mm** lengths

Pre-insulated to reduce system heat loss preserving system efficiency

Can be fit directly to the heat pump

Available in different sizes and styles to suit a variety of heat pump installations

Supplied in pairs to suit the flow and return

Supplied with an additional piece of insulation to cover connections

The Primary Pro insulation is waterproof and UV resistant, making it suitable for all weather conditions

For external use only

Hose

Suitable for Water, Water + Glycol up to 50%

Stainless steel braided inner hoses

10 Bar maximum inlet pressure (Static)

90°C maximum inlet temperature

Insulation

19mm wall thickness with Primary Pro's water and UV resistant insulation

Insulation material – Treated Closed Cell Polyethylene

Additional piece of insulation provided to insulate the connectors

-45°C to +105°C insulation temperature range

0.034 W/mk insulation thermal conductivity

μ ≥ 39,300 water vapour resistance

Kit

2 x Stainless Steel Braided Flexible Hoses

2 x Pre-fit Hose Insulation

2 x Rubber Washer

1 x Additional Piece Insulation

Max 90°C | Max 10 Bar

		Length	Connection
HPHOSE300	Pre Insulated Straight Flexi Hose Pair	300mm	28mm x 1" Fem
HPHOSE300B	Pre Insulated Angled Flexi Hose Pair	300mm	28mm x 1" Fem
HPHOSE500	Pre Insulated Straight Flexi Hose Pair	500mm	28mm x 1" Fem
HPHOSE500B	Pre Insulated Angled Flexi Hose Pair	500mm	28mm x 1" Fem
HPHOSE50035	Pre Insulated Straight Flexi Hose Pair	500mm	35mm x 1¼" Fem
HPHOSE50035B	Pre Insulated Angled Flexi Hose Pair	500mm	35mm x 1¼" Fem
HPHOSE750	Pre Insulated Straight Flexi Hose Pair	750mm	28mm x 1" Fem
HPHOSE750B	Pre Insulated Angled Flexi Hose Pair	750mm	28mm x 1" Fem

Guarantees

1 **Year** on Altecnic Hoses

Hoses



128-3601 Straight Hose



128-3602 Angled Hose

Altecnic Flexible Connection Hoses

Available in **300mm**, **500mm** and **750mm** lengths

Hose
Suitable for Water, Water + Glycol up to 40%
28mm bore stainless steel braided inner hoses
For easy connection one end has female BSP thread whilst other end has 28mm or 35mm compression fitting
10 Bar maximum inlet pressure (Static)
90°C maximum inlet temperature

Insulation
19mm wall thickness insulation that resists weather and is UV resistant
Insulation material – Aeroflex HF
Additional piece of insulation provided to insulate the connectors
-50°C to +125°C insulation temperature range
0.04 W/mk insulation thermal conductivity
μ ≥ 3000 water vapour resistance

Kit
2 x Aeroflex pre insulated hoses
2 x Fibre washers

Max 125°C | Max 10 Bar

		Length	Connection
128-3601	Pre Insulated Straight Flexi Hose Pair	750mm	28mm x 1" Fem
128-3602	Pre Insulated Angled Flexi Hose Pair	750mm	28mm x 1" Fem
128-3603	Pre Insulated Straight Flexi Hose Pair	500mm	28mm x 1" Fem
128-3604	Pre Insulated Angled Flexi Hose Pair	500mm	28mm x 1" Fem
128-3605	Pre Insulated Straight Flexi Hose Pair	300mm	28mm x 1" Fem
128-3606	Pre Insulated Angled Flexi Hose Pair	300mm	28mm x 1" Fem
128-3607	Pre Insulated Straight Flexi Hose Pair	750mm	35mm x 1¼" Fem
128-3608	Pre Insulated Angled Flexi Hose Pair	750mm	35mm x 1¼" Fem
128-3609	Pre Insulated Straight Flexi Hose Pair	500mm	35mm x 1¼" Fem
128-3610	Pre Insulated Angled Flexi Hose Pair	500mm	35mm x 1¼" Fem
128-3611	Pre Insulated Straight Flexi Hose Pair	300mm	35mm x 1¼" Fem
128-3612	Pre Insulated Angled Flexi Hose Pair	300mm	35mm x 1¼" Fem

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

Hoses / Insulation

Guarantees

Year on DiversiTech Hoses + Insulation **1**



FH-500-28-F Straight Hose



FH-300-28-F-ELBOW Elbow Hose

DiversiTech Flexible Connection Hoses

Pre insulated with external grade PVC coated 19mm thick insulation these flexible hoses help to avoid transmission of vibration in the pipe work and allow for a smooth bend when connecting the flow and return pipe to the heat pump.

Available in **300mm**, **500mm** and **750mm** lengths

Hose

- Suitable for Water + Glycol up to 60%
- 20mm bore stainless steel braided inner hoses
- One end has 28mm compression fitting, the other end BSP female threaded
- **10 Bar** maximum inlet pressure (Static)
- **85°C** maximum inlet temperature

Insulation

- 19mm wall thickness PVC coated insulation that resists weather and UV resistant
- Additional 80mm of insulation to cover the connectors
- **-50°C to +110°C** insulation temperature range
- **0.036 W/mk** insulation thermal conductivity
- **μ ≥ 10,000** water vapour resistance

Kit

- 2 x PVC coated flexi hoses
- 2 x Insulation

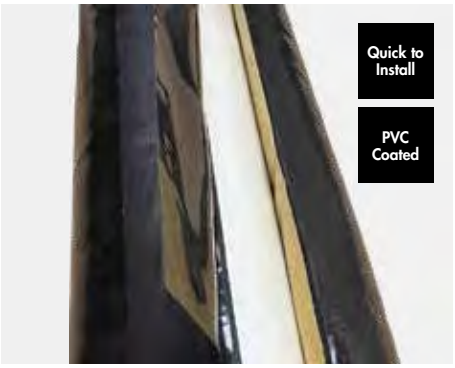
Max 110°C | Max 10 Bar

		Length	Connection
FH-300-28-F-ELBOW	PVC Coated Pre Insulated Elbow Flexi Hose Pair	300mm	28mm x 1" Fem
FH-500-28-1-1/4-F	PVC Coated Pre Insulated Straight Flexi Hose Pair	500mm	28mm x 1" Fem
FH-750-28-F	PVC Coated Pre Insulated Straight Flexi Hose Pair	750mm	28mm x 1" Fem
FH-750-28-1-1/4F	PVC Coated Pre Insulated Straight Flexi Hose Pair	750mm	28mm x 1¼" Fem

DiversiTech Pre Slit + Seal Insulation

Outstanding protection against the elements on external pipework with **weatherproof** and **UV stable** PVC coating

Design offers a **quick and secure** 'tape free' installation with its peel and seal join and self adhesive wrap over flap



		Length	Diameter	ID
FH-I-1000-28-SLIT	Pre Slit + Seal Insulation	1000mm	19mm	28mm
FH-I-1000-35-SLIT	Pre Slit + Seal Insulation	1000mm	19mm	35mm
INS-TAPE-10-PK	PVC Coated Weather + Waterproof Tape	250mm	1mm	35 Pack

DiversiTech Through The Wall Insulation Kit

Avoids heat loss and improves efficiency of the installed air source heat pump

Sleeved PVC coated insulation kit containing 2 x straight lengths (320mm) and 2 x elbows

19mm wall insulation with a tough PVC coating

Suitable for both 22mm and 28mm pipe work

Provides both thermal insulation within the wall, and comes complete with an elbow section to cover the external copper pipe connection



TW-KIT	Through Wall Insulation Kit 22-28mm Pipe 19mm Wall External Grade Insulation

Guarantees

2 Years on Primary Pro Insulation

Take a closer look at the Primary Pro product and demo videos

Insulation

Primary Pro External Heating Insulation

Protected with **unique weather and UV protective coating** allowing you to cut/mitre to the required size

Insulation should go through fabric of wall then sealed to be fully insulated

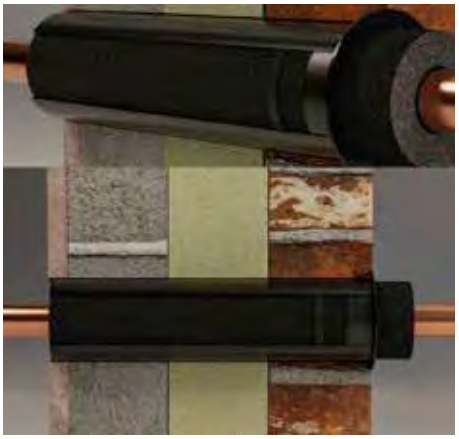


		Length	Diameter	Thickness	ID
AS045	Primary Pro 22mm x 25mm Insulation	1000mm	65mm	25mm	22
AS022	Primary Pro 28mm x 19mm Insulation	1000mm	78mm	19mm	28
AS033	Primary Pro 35mm x 19mm Insulation	1000mm	83mm	19mm	35
AS042	Primary Pro 42mm x 19mm Insulation	1000mm	85mm	19mm	42
PPE028	28mm Pre Made Elbows	120mm	60mm	19mm	28
PPE035	35mm Pre Made Elbows	130mm	75mm	19mm	35

Primary Pro Wall Sleeve

Protects insulated pipework through wall for 22mm, 28mm and 35mm

Primary Pro Sleeves can be fitted and sealed using Bond & Seal to prevent heat loss and moisture ingress



		Length	Diameter	Thickness	ID
PS028	Primary Pro 22/28mm Sleeve	1000mm	72mm	25mm	22/25
PS035	Primary Pro 35mm Sleeve	1000mm	87mm	19mm	35



Primary Pro Bond + Seal

Aids installers to **seal joints, provides perfect seal** for the insulation through the wall

AS001 Primary Pro Bond + Seal (290ml)



Primary Pro Sealing Rings

Sealing ring that **makes sealing external walls simple**

AS35 Primary Pro 22 + 28mm Sealing Ring (10 Pack)

AS36 Primary Pro 35mm Sealing Ring (10 Pack)

NEW

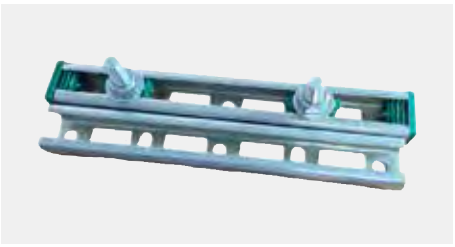


Primary Pro Rubberlined Clip

Rubber lining grips within the steel bracket to **prevent movement or sliding**

NEW **AS008** Rubberlined Clip for 22 + 28mm Insulation

NEW **AS018** Rubberlined Clip for 35 + 40mm Insulation



Primary Pro Easy Fix Backplate

Designed for speed and efficiency, allowing you to **attach clips to the wall at least five times faster**

AS050 Primary Pro Easy Fix Back Plate

NEW



Primary Pro Male M10 BZP Back Plate

Designed for secure wall mounting, the back plate **provides a strong and reliable fixing solution for insulated pipework installations**

NEW **AS009** Primary Pro Male M10 BZP Back Plate



Primary Pro Joint Covers

Provides **enhanced durability** on **straight or elbow joints**

JC28 Primary Pro 28mm Straight Joint Cover (10 Pack)

JC35 Primary Pro 35mm Straight Joint Cover (10 Pack)

EJC28 Primary Pro 28mm Elbow Joint Cover (10 Pack)

EJC35 Primary Pro 35mm Elbow Joint Cover (10 Pack)

DIVERSITECH®

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

Trunking

Guarantees

Year on DiversiTech Trunking **1**



Inaba Denko 140mm External Trunking

140mm width accommodates both the insulated flow and return pipe work and other associated cabling.

Made from high grade resistant PVC

Protection from the elements, accidental damage and pest damage

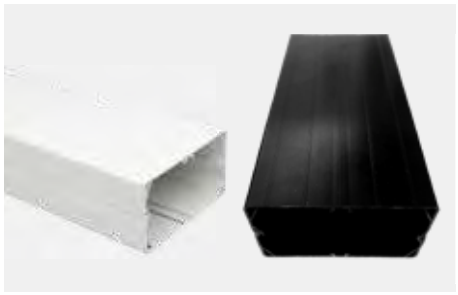
SpeediDuct® 150mm External Trunking

Made of **high quality**, rigid, shockproof, **UV-stable** fire resistant PVC B

Usable from **-20°C to +60°C** in a static position

Inside fixation rail (SpinFix) enables use of cable ties to strap and keep the linesets in place – contributing to the duct rigidity

Quick and **easy to install**



DiversiTech Duct

140mm or **150mm** width, **2000mm** length

Available in black or white finish

NEW	**TR-D-140-B**	140mm Trunking (Black)
	TR-D-150-B	SpeediDuct Trunking (Black)
	TR-D-150-W	SpeediDuct Trunking (White)



DiversiTech Connection Piece

140mm or **150mm** width

Available in black or white finish

NEW	**TR-CP-140-B**	140mm Connection Piece (Black)
	TR-CP-150-B	SpeediDuct Connection Piece (Black)
	TR-CP-150-W	SpeediDuct Connection Piece (White)



DiversiTech Flat Bend

140mm or **150mm** width

Available in black or white finish

NEW	**TR-FB-140-B**	140mm Flat Bend (Black)
	TR-FB-150-B	SpeediDuct Flat Bend (Black)
	TR-FB-150-W	SpeediDuct Flat Bend (White)



DiversiTech Wall Cover

140mm or **150mm** width

Available in black or white finish

NEW	**TR-WC-140-B**	140mm Wall Cover (Black)
	TR-WC-150-B	SpeediDuct Wall Cover (Black)
	TR-WC-150-W	SpeediDuct Wall Cover (White)



DiversiTech 90° External Bend

140mm or **150mm** width

Available in black or white finish

NEW	**TR-EC-140-B**	140mm External Bend (Black)
	TR-EC-150-B	SpeediDuct 90° External Bend (Black)
	TR-EC-150-W	SpeediDuct 90° External Bend (White)



DiversiTech 90° Internal Bend

140mm or **150mm** width

Available in black or white finish

NEW	**TR-IC-140-B**	140mm Internal Bend (Black)
	TR-IC-150-B	SpeediDuct 90° Internal Bend (Black)
	TR-IC-150-W	SpeediDuct 90° Internal Bend (White)

Guarantees

1 **Year**
on DiversiTech Mounting Brackets + Condensate Trays

Mounting Brackets + Condensate Trays



DiversiTech Wall Mounting Brackets

These flat-packed, self assembly brackets provide a professional finish to the installation of wall mounted outdoor condensing units and air source heat pumps.

- Integral spirit level for **easier**, **correct installation**
- Uprights mount anywhere on the crossbar which enables the arm span to be **adjusted easily**
- Adjustable wall spacers to level the arms
- Safe working **load up to 250kg**
- Suitable to match most brands of condensing units and domestic air source heat pumps
- All brackets are tested to 2 x safe working load and go through a 4 stage anti corrosion coating process

		Finish	Safe Working Load*	Crossbar	Upright	Support Arm	Weight
CBR2-M	Type 2 Bracket – Medium	Ivory (RAL 7032)	90kg	900mm	500mm	500mm	4.6kg
CBR2-XL	Type 2 Bracket – XL	Ivory (RAL 7032)	250kg	1040mm	550mm	660mm	16.2kg
CBR2-XL-BL	Type 2 Bracket – XL	Black	250kg	1040mm	550mm	660mm	16.2kg
CBR2-XXL-3A-BL-DA	Type 2 Bracket – XXL (3 Arms)	Black	250kg	1120mm	550mm	780mm	17.3kg
AVMB-1	AV Mounting Bolts (Pack of 4)		–	–	–	–	–

**All brackets are tested to twice the safe working loads at an independent UK facility*



DiversiTech Easy-Fit Condensate Collection Trays

These metal trays have a convex profile and a recessed surface flush, drain hose adaptor, minimising the amount of standing water left in the tray.

- 25mm height trays with concave profile for **efficient drainage**
- Supplied with fixing arms to mount to brackets (wall brackets not included)
- All trays go through a 4-stage anti-corrosion process
- Concave profile ensures effective water drainage
- Recessed, surface-flush drain pipe adaptor **minimises standing water in the tray**
- ½" BSP mail thread on drain outlet

		Finish	Depth	Width	Weight
CCTM-1100	Metal Tray – Medium	Ivory (RAL 7032)	400mm	1100mm	6.9kg
CCTM01420-BL	Metal Tray	Black	500mm	1420mm	8.5kg



DiversiTech Floor Tray Mounting Bracket Kit

When units are mounted at floor level, condensate discharge needs to be directed towards a drain or soak-away to avoid condensate causing a slip hazard.

- This floor bracket kit allows the metal tray to be mounted onto a flexi foot kit
- Bracket kit allows a condensate tray to be mounted on to flexi foot kit. The ASHP can then be mounted on to the bracket
- Includes all necessary fixings for **quick** and **easy installation**

		Qty	For Use With
CCTM-FLOOR-BRKT-KIT	Stainless Steel Brackets (with fixings)	4	Flexi Feet / Trays
CCTM-FLOOR-BRKT-KIT-3	Stainless Steel Brackets (with fixing – 3ft version)	4	Flexi Feet / Trays

DIVERSITECH® rob pond

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

Feet

Guarantees

Year on DiversiTech Feet **1** Year on Rob Pond Feet **1**

NEW SIZES

Quick to Install



DiversiTech Flexi Foot

Flexi Foot can support air source heat pumps, and be used in single form as a flexi foot with strut on a variety of outdoor equipment such as cable trays and pipework etc.

Made from heavy-duty recycled rubber

21 x 41mm galvanized steel strut is supplied bonded to the rubber

Drain slots moulded to the underside of the foot

Foot material density **1.0kg/cm**

Fast and **simple installation**

480 hour salt spray tested for durability against the elements

		Safe Working Load	Length	Width	Height	Weight
NEW **FF-600-S-P**	1 x Flexi Foot 600mm (with strut)	420kg	600mm	185mm	100mm	7.6kg
NEW **FF-600-S-150**	1 x Flexi Foot 600 x 150mm high x 162mm Base	420kg	600mm	162mm	150mm	7.2kg
FF-600-S-KIT	2 x Flexi Foot 600mm (with fixings)	840kg	600mm	185mm	100mm	12.5kg
FF-600-S-150-KIT	2 x Flexi Foot 600mm (with fixings)	–	600mm	130mm	150mm	–

Anti Vibration

Adjustable Height



DiversiTech Baby Sumo Adjustable Rubber Support Foot

These mini adjustable feet are perfect as ground supports for AC and ASHP units. They are made from reprocessing discarded tyres where 70-95% of the rubber can be recovered. These feet are made of a blend of SBR vulcanised UV-stable rubber with internal glass fibre-reinforced polypropylene.

Anti-vibration mount made of UV-stabilised rubber compound

Suitable for supporting units on uneven or sloping surfaces

160-210mm adjustable height

NBR rubber washer at the fixing point to further reduce vibration

Support surface features a substantial contact area offering a **stable and secure base**

Solid structure **prevents water stagnation and seepage**

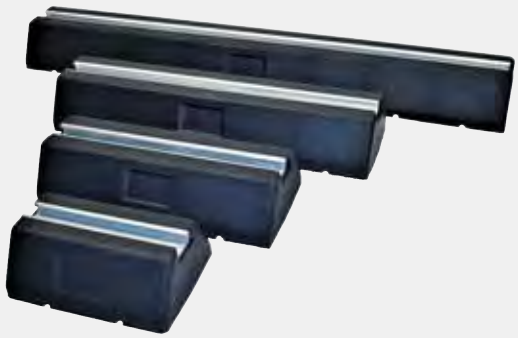
-30°C to +75°C working temperature

Includes integral M10 bolt nut & washer, NBR rubber anti vibration washer and integrated spirit level

		Safe Working Load	Height	Width	Depth	Fixing	Qty
SUMO-FT	Mini Adjustable Foot	150kg (per foot)	160-210mm	160mm	160mm	M10	Pack of 4
SUMO-FT-6	Mini Adjustable Foot	150kg (per foot)	160-210mm	160mm	160mm	M10	Pack of 6

Anti Vibration

Quick to Install



Rob Pond Anti Vibration Rubber Feet

These anti-vibration feet are designed to provide superior stability and noise reduction for various types of equipment and appliances. These sturdy feet effectively minimise movement and absorb vibrations, ensuring smoother operation and prolonging the life of your machinery.

Anti-vibration and **noise absorption**

Includes all necessary fixings for **quick** and **easy installation**

Produced from recycled rubber with 41mm x 21mm bonded channel

-40°C to +80°C working temperature

		Safe Working Load	Length	Width	Height
AVFR400	Anti Vibration Rubber Foot 400mm + Fixing Kit	240kg	400mm	130mm	95mm
AVFR600	Anti Vibration Rubber Foot 600mm + Fixing Kit	450kg	600mm	130mm	95mm
AVFR6150	Anti Vibration Rubber Foot Hi-Block 600mm + Fixing Kit	450kg	600mm	130mm	150mm

For further technical information please visit **diversitech.global** or **www.robpond.com**

Guarantees

5 **Years**
on Inta Buffers + Volumiser Vessels

Buffers + Vessels

NEW SIZES





18 Litre Wall Mounted Buffer Vessel

Inta Zil-B Buffer Vessel Data Sheets, Installation Instructions + Maintenance

NEW SIZES



Volumiser Vessels Data Sheets, Installation Instructions + Maintenance

Inta Zil-B Buffer Vessels

Inta Zil-B buffer vessels are designed to store thermal energy generated by a heat pump system for later use when required. Manufactured to the highest standards, to ensure optimum system performance, helping to enhance the heat pumps overall efficiency.

Note: Buffer vessels are supplied with 2 x wall/floor mounting brackets.
The 12L version is supplied with 1 x bracket and is top & bottom connection only.

Acts as a buffer storing additional volume and also as a hydraulic separator, separating the primary and secondary circuits

Eliminates compressor pump short cycling

Heat efficient for the heat pump defrost cycle

Adjustable wall bracket to assist in the event of an uneven install surface

41mm premium polyurethane **foam insulation** with **minimal heat loss**

Improves the operating efficiency of heat pumps

Additional connections for venting and drainage

4 Bar maximum inlet pressure (Static)

95°C maximum inlet temperature

Suitable for Water + Glycol up to 50%

Max 95°C | Max 4 Bar

NEW **BUFF12**	12 Litre Wall Mounted Buffer Vessel
NEW **BUFF18**	18 Litre Wall Mounted Buffer Vessel
BUFF25	25 Litre Wall / Floor Buffer Vessel
BUFF50	50 Litre Wall / Floor Mounted Buffer Vessel
BUFF80	80 Litre Floor Mounted Buffer Vessel
BUFF100	100 Litre Floor Mounted Buffer Vessel

Inta Zilmet Volumiser Vessels

Provides a bypass route to maintain the minimum flow rate through the heat pump.

Promotes **energy efficiency**

Prevents short cycling

Can be used as an intermediate vessel to protect the expansion vessel membrane from excess temperatures on a solar system

Suitable for heat pump and solar systems

Equipped with entry and exit connections

Complies with PED 2014/68/EU

Suitable for solar systems in accordance with EN12977

10 Bar maximum pressure

-10°C to 110°C operating temperature

Max 110°C | Max 10 Bar

NEW **Z1-11A0001255**	12 Litre Volumiser Vessel (1" Connections)
NEW **Z1-11A0001867**	18 Litre Volumiser Vessel (1" Connections)
NEW **Z1-11A0002467**	24 Litre Volumiser Vessel (1" Connections)

inta

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

Heat Pump Installer Packs

Guarantees

Years on Inta Heat Pump Installer Packs **2**

GREAT VALUE

All-in-One Pack

Freeze Protection

Energy Efficient

UV + Water Resistant

Inta Heat Pump Installer Pack Data Sheets, Installation Instructions + Maintenance



Inta 28 + 35mm Heat Pump Installer Pack

The pack contains everything an engineer needs to complete the external installation.

Inta Zero Ant-Freeze Valve (Page 14)

Inta Flexible Connection Hoses (Page 18)

Inta K-Type Extended External Ball Valves (Page 16)

Inta K-Type Ball Valves Insulation (Page 16)

INHPKIT1	Inta 28mm Heat Pump Installer Pack
INHPKIT114	Inta 35mm Heat Pump Installer Pack

28mm Kit Includes
2 x Heat Pump Ball Valve 28mm
2 x Ball Valve Insulation
2 x Zero Anti-Freeze Valve 28mm
2 x Anti-Freeze Insulation
2 x Anti-Vacuum Guard
1 x Heat Pump Hose with Elbow 500mm (Pack of 2)
2 x 28mm x 1" Adaptor
2 x 1¼" Female x 1" Male Adaptor
1 x Bond + Seal

35mm Kit Includes
2 x Heat Pump Ball Valve 35mm
2 x Ball Valve Insulation
2 x Zero Anti-Freeze Valve 35mm
2 x Anti-Freeze Insulation
2 x Anti-Vacuum Guard
1 x Heat Pump Hose with Elbow 500mm (Pack of 2)
2 x 35mm x 1¼" Adaptor
1 x Bond + Seal

Guarantees

2 **Years**
on Inta Heat Pump Installer Packs

Heat Pump Installer Packs

GREAT VALUE

NEW

All-in-One Pack

Freeze Protection

Energy Efficient

UV + Water Resistant



Inta 28 + 35mm Swivel Heat Pump Installer Pack

The pack contains everything an engineer needs to complete the external installation.

Inta Zero+ Ant-Freeze Valve (Page 12)

Inta Flexible Connection Hoses (Page 18)

Inta K-Type Extended External Ball Valves (Page 16)

Inta K-Type Ball Valves Insulation (Page 16)

NEW **INHPKIT2** 28mmx1" Swivel Heat Pump Installer Pack

NEW **INHPKIT3** 35mmx1¼" Swivel Heat Pump Installer Pack

28mm x 1" Swivel Kit Includes
2 x Heat Pump Ball Valve 28mm
2 x Ball Valve Insulation
2 x Zero Anti-Freeze Valve G1"
2 x Anti-Freeze Insulation
2 x Anti-Vacuum Guard
1 x Heat Pump Hose with Elbow 500mm (Pack of 2)
2 x 28mm x 1" Adaptor
2 x 1¼" Female x 1" Male Adaptor
1 x Bond + Seal

35mm x 1¼" Swivel Kit Includes
2 x Heat Pump Ball Valve 35mm
2 x Ball Valve Insulation
2 x Zero Anti-Freeze Valve G1¼"
2 x Anti-Freeze Insulation
2 x Anti-Vacuum Guard
1 x Heat Pump Hose with Elbow 500mm (Pack of 2)
2 x 35mm x 1¼" Adaptor
1 x Bond + Seal

Chemicals

Anti-Freeze

Energy Efficient

Corrosion Protection



Fernox Heat Transfer Fluid HP-EG

A concentrated heat transfer fluid for Air and Ground Source Heat Pumps based on ethylene glycol. This high performance product is designed to protect against corrosion and limescale, as well as frost protection from -10 to -33°C.

High performance heat transfer fluid for **maximum protection against corrosion** and **scale**, to extend system longevity

Higher efficiency and lower viscosity than propyleneglycol based products

Lower viscosity means **less energy is used** to pump the heat transfer fluid around the system

Excellent pH buffering to maintain optimum system pH for a mixed-metal system

Cost effective solution where thermal efficiency is a key requirement

Compatible with all metals and materials in heat pump systems

Concentration 25%, 30%, 35%, 40%, 45%, 50%

Frost Protection -10°C, -14°C, -18°C, -22°C, -28°C, -33°C

62644	Fernox Heat Transfer Fluid HP-EG (10 Litres)
62595	Fernox Heat Transfer Fluid HP-EG (20 Litres)

Dual Action Biocide

Fast Acting

Prevents Fouling



Fernox Biocide F7

Biocide F7 prevents bacterial contamination and fungal growth within underfloor, low temperature heating systems and chilled systems. Biocide F7 should be used in conjunction with Fernox Protector F1 or Anti-Freeze Protector Alphi-11 to offer full system protection against corrosion and scale, and to maintain energy efficiency levels. Biocide F7 is also used to clean and prevent the reoccurrence of microbiological fouling producing jelly-like deposits (fungal growths) in feed and expansion cisterns. Gas produced by fermentation within systems will also be eliminated by the addition of Biocide F7.

Prevents the reoccurrence of jelly-like deposits in low temperature heating systems such as underfloor systems and to clean feed and expansions cisterns

Fast, effective action – starts to work within 24 hours

Simple application, add via a radiator, towel rail, filling loop or inline system filter

Compatible with all Fernox Protectors

High performance, dual action biocide – **disinfectant** and **preservation agent** provides **short term** and **long term protection**

A single 200ml bottle of Biocide F7 treats up to 250m² of underfloor systems and 150 litres of system volume

62393	Fernox Biocide F7 (200ml)

Chemicals

NEW

Anti-Freeze

Prevents Limescale

Prevents Corrosion



Instinct Pro
Heat Transfer Fluid (Heat Pumps + UFH)

Concentrate working fluid for air/ground source heat pumps and underfloor heating systems.

Inhibited monopropylene glycol (MPG) based **Anti-Freeze formulation** with added biocide, providing scale, corrosion and bacterial growth protection

Prevents limescale formation, corrosion and bacterial growth in low temperature heating systems

-14°C frost protection, providing a wider operating range than water alone

Compatible with all materials commonly found in heat-pump and underfloor heating systems

Convenient application, mix at site with mains tap water

GB

NEW	**504865**	Instinct Pro Heat Transfer Fluid for Heat Pumps (5 Litre)
NEW	**504872**	Instinct Pro Heat Transfer Fluid for Heat Pumps (10 Litre)
NEW	**504889**	Instinct Pro Heat Transfer Fluid for Heat Pumps (20 Litre)

NEW

Prevents Fouling



Instinct Pro
Sanitising Fluid (Inc. Test Strips)

A highly effective sanitising/disinfectant fluid for the treatment of waterborne bacteria and biofilms in low temperature domestic heat pump and underfloor heating systems, and in general storage tanks and pipework.

Effective Against **Bacteria, Viruses, Micro-organisms + Mould, Biofilms + Slime**

Includes test strips to measure diluted solution concentration

GB

NEW	**504797**	Instinct Pro Sanitising Fluid (1 Litre)

NEW

Prevents Fouling



Instinct Pro
Biocide Treatment (Heat Pumps + UFH)

Use Instinct Pro Biocide Treatment annually to provide ongoing protection against the growth of bacteria in air/ground source heat pumps and underfloor heating systems. A 250ml bottle is sufficient to treat 100 litres of water at zero current concentration levels.

Delivers a stronger, more persistent (longer lasting) treatment for low temperature systems

Compatible with all materials commonly found in heat-pump and underfloor heating systems

100 Litres

GB

NEW	**504896**	Instinct Pro Biocide Treatment (250ml)

Prevents Limescale

Prevents Corrosion

Non-Hazardous



Instinct Pro
IN-100 Corrosion Inhibitor

Provides top-up treatment for air/ground source heat pumps & underfloor heating systems preventing corrosion and hard water limescale precipitation, and is essential for maintaining operational efficiency of low temperature heat pump and underfloor heating systems.

Compatible with all materials commonly found in heat-pump and underfloor heating systems

A **250ml bottle** is sufficient to **treat 100 litres of system water**

100 Litres

10 Rads

GB

504223		Instinct Pro IN-100 Corrosion Inhibitor (250ml)

Removes Debris

Non-Hazardous



Instinct Pro
IN-300 System Cleaner

For pre-commissioning of low temperature heat pump and underfloor heating systems. Removes installation foulants, flux, grease and debris suspended in water by flushing

Ideal for treating new systems prior to adding Heat Transfer Fluid

Compatible with all materials commonly found in heat-pump and underfloor heating systems

100 Litres

10 Rads

GB

504247		Instinct Pro IN-300 System Cleaner (250ml)

SCALEMASTER®

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

Chemicals

Guarantees

Years on Scalemaster® Suprion Scale Inhibitors **3**

Suprion – Technologically Advanced Physical Water Treatment



950211 EH-12E 15



950228 EH-75

Easy to Install | Easy to Maintain | Removes Limescale | No Power Required | Heat Pump Compatible | Long Lasting



950235 EH-100

Scalemaster® Suprion Scale Inhibitors

Suprion EH models provide a technologically advanced, effective solution to hard water scale problems over a wide range of water applications for an extended period of time. Prevent limescale buildup in traditionally hard to treat environments which occur in electric pump/immersion heater systems.

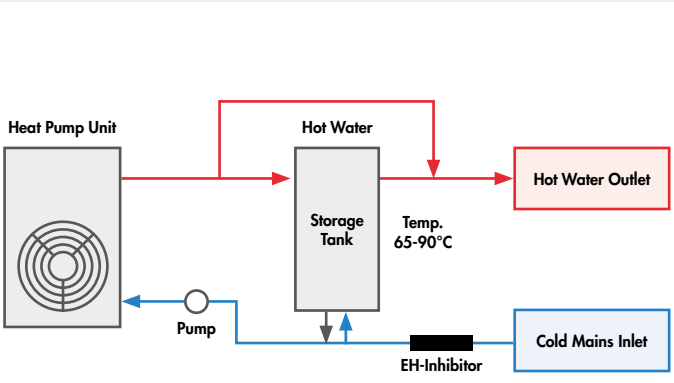
Effective solution in **preventing hard water limescale buildup** and **gently removing existing limescale**

Protecting the mains water circuit of electric domestic heating & hot water immersion systems, including those with heat pumps (JS versions available for non-electric / general use)

Proven longevity with no decline in performance

Requires no electrical power and **maintenance free** with no filters or chemicals to replenish

Made in Japan



Domestic water heater with heat pump system

		Connectable Pipe	Diameter	Length	Fittings Supplied	Fittings Required	Max. Flow Rate
950211	EH-12E 15mm	15mm	29mm	132mm	15mm Compression	–	36 l/min
950228	EH-75	22mm	44mm	142mm	–	¾" BSPT	65.9 l/min
950235	EH-100	28mm	50mm	165mm	–	1" BSPT	108 l/min

For further technical information please visit **www.scalemaster.co.uk**

EVone

electric vehicle charger

ESi

Reliable, intelligent EV charging for home or the workplace.

Available tethered or untethered, EVone combines fast, reliable charging with smart control through the ESi GO app.

Smart. Safe. Simple.
Powering the future.





UNTETHERED
EVONE-S
Use your own charging cable

TETHERED
EVONE-P
Charging cable included

FIND OUT MORE

Scan to explore EVone
www.esicontrols.co.uk

Why EVone?

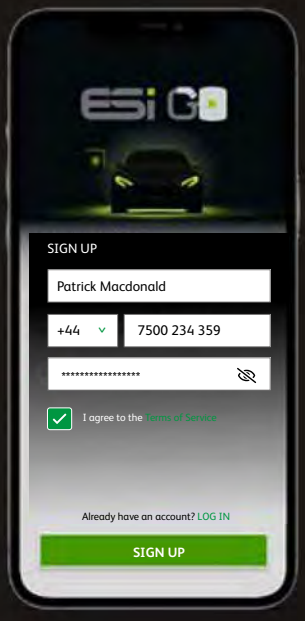
- **7.4kW fast charging**
- **Built-in protection – no earth rod required**
- **Dynamic load balancing**
- **WiFi or Ethernet connectivity**
- **Free ESi GO app – no subscription fees**
- **3-year warranty***

ESi GO APP

Smart charging.
Complete control.

Monitor and manage your EVone remotely, schedule charging from your phone and stay in control wherever you are.

Free to use.
No subscription fees.



[1]Terms and condition apply. See website for more details.

www.esicontrols.co.uk

ROTHENBERGER

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

Air Con Tools

Guarantees

Year 1
on Rothenberger Air Con Tools

ROTHENBERGER Air Con Tools

NEW | Two-Stage Vacuum Pump | Circuit Protection | Heat Pump Compatible | Reduce Moisture | Overheat Protection | Multiple Connectors | Easy Oil Check Level







ROTHENBERGER 2-Stage Vacuum Pump ROAIRVAC 6.0

The ROTHENBERGER ROAIRVAC 6.0 is suited for the evacuation of all refrigeration circuits according to DIN 8975. The two-stage rotary vane pump achieves a vacuum of less than 25 micron. As a result, air conditioning systems, refrigeration systems and heat pumps can be freed of residual moisture.

Achieves a vacuum of less than 25 micron for thorough refrigeration circuit evacuation

Solenoid check valve helps **prevent oil contamination if power is interrupted**

Integrated vacuum gauge with drag indicator **provides quick, clear progress checks**

Gas ballast valve helps **remove water vapour from the oil**

Thermal switch **protects the motor from overheating**

1/4" SAE connection with 5/16" and 3/8" SAE adaptors included

Sight glass allows **quick visual inspection of oil level**

Finish – Grey / Black / Red
Dimensions – 250(h) x 155(w) x 335(d) mm

NEW **170063** 2-Stage Vacuum Pump ROAIRVAC 6.0

NEW | R32 + R410A Compatible



ROTHENBERGER Assembly Aid Set 4-way II Plus, R410A and R32

The ROTHENBERGER manifold PLUS sets are used for the installation and maintenance of refrigeration and air conditioning systems as well as heat pumps. Through the 4-way valve block including 3/8" vacuum connection, a rapid evacuation of systems is possible. This set is designed for R32 and R410A and their connectors.

4-way manifold with 3/8" vacuum connection **enables rapid evacuation**

Pressure gauge **rated up to 60 Bar for demanding applications**

Large 80mm gauges provide **easy-to-read system pressure readings**

Class 1.6 pressure gauges provide **reliable measurement**

Supplied in a sturdy plastic case for **protection and easy transportation**

Finish – Blue / Red
Dimensions – 290(h) x 325(w) x 40(d) mm

NEW **170608** Assembly Aid Set 4-Way II Plus

NEW | 120kg Capacity



ROTHENBERGER ROSCALE 120 Digital Scale

The ROTHENBERGER Roscale 120 refrigerant scale, is used for filling and evacuating of refrigerants. It is suitable for all common refrigerant bottles due to its large weighing capacity of 120kg. Precise filling is easily possible with the 5g scale.

Suitable for all commonly used refrigerant bottles and cylinders

5g increments enable **accurate refrigerant filling**

Bottle adapter included for 1L and 2L refrigerant bottles

Large LCD makes readings **easy to see during use**

Provides ample space for refrigerant bottles of all sizes

Finish – Black / Red
Dimensions – 385(h) x 140(w) x 385(d) mm

NEW **R17300416** ROSCALE 120 Digital Scale

NEW | Universal Pipe Compatible



ROTHENBERGER Universal Flange Device, 4-16mm / 3/16–5/8"

The ROTHENBERGER Universal Flaring tool enables installers in the refrigeration and air-conditioning sector to flare pipes with Ø up to 16 mm/ 5/8" in order to case an air conditioning unit.

Flares copper pipes from 6 mm to 16 mm (3/16"–5/8")

Self-centring pipe clamp ensures **accurate, consistent flares across all diameters**

Specially designed flaring cone produces **smooth, controlled flares without cracking**

Precision forming **creates a clean, high-quality flare surface**

Simple hand-operated design for **refrigeration and air-conditioning installation work**

Finish – Metal
Dimensions – 120(h) x 110(w) x 25(d) mm

NEW **222601** Universal Flange Device

Guarantees

3 Years on Hinton Air Con Tools

Air Con Tools

Hinton Air Con Tools

NEW | Fast Nitrogen Purging



Hinton Nitrogen Purge Flow Controller

The Hinton Nitrogen Purge Flow Controller is a quick and easy way to purge copper pipes with nitrogen. Then, with a turn of the dial, quickly switch to a very low flow of nitrogen to properly braze the copper. It has a durable aluminium design so you can just throw it into your tool bag when you are done.

Quickly purges copper pipework before brazing

Easily switch between TST, Purge, Braze and Off settings for **controlled nitrogen flow**

Provides a low, steady nitrogen flow during brazing to **help protect the pipework**

Connects directly to a standard nitrogen regulator using ¼" refrigerant hoses

Robust design built to **withstand everyday use in a tool bag**

Finish – Red / Black

NEW **PU111** Nitrogen Purge Flow Controller

NEW | High Inlet Pressure



Hinton Nitrogen Regulator 50 Bar (T-Bar Handle)

Single-stage nitrogen regulator precision built to the latest BS EN ISO 2503 standards to provide maximum accuracy and safety.

Handles inlet pressures **up to 300 Bar**

0–50 Bar (0–750 psi) outlet range for controlled system testing

0–70 Bar (0–1,000 psi) gauge provides clear, precise pressure readings

Designed for testing refrigeration systems using R410A in accordance with BS EN 378

¼" SAE flare outlet enables quick connection to standard refrigeration hoses

Finish – Metal / Black

NEW **BR159** Nitrogen Regulator 50 Bar (T-Bar Handle)

NEW | Complete Welding Kit | Enhanced Safety | Portable Design | Secure Storage | Carry Handle



Hinton Oxyturbo 110 Portable Kit (Map/Oxy Kit)

A small lightweight welding and brazing kit in a compact metal carrier. Ideal for Plumbing, Air Conditioning and refrigeration system repairs. Also ideal for heating applications.

Includes mini regulators, blowpipe, microneedle and hoses

Four built-in flame arrestors help **provide added protection during use**

Compact kit with carry handle for **easy transportation**

Two blocking devices help **keep components safely in place**

Practical design makes it **easy to carry between jobs**

Finish – Red

NEW **BR110K** Oxyturbo 110 Portable Kit (Map/Oxy Kit)

NEW **BR147** Disposable Replacement Oxygen Cylinder (Oxyturbo)

NEW | Secure Cylinder Support | Solid Rubber Wheels | Retractable Handle | One Cylinder Capacity | 200kg Load Bearing



Hinton Nitrogen Cylinder Trolley (Retractable)

Designed for the secure and controlled movement of nitrogen cylinders around the workplace.

Durable yet lightweight design makes the trolley **easy to handle and manoeuvre**

Security chain helps keep the cylinder **firmly in place during transportation**

Solid rubber wheels provide **smooth, stable movement across the work area**

Handle folds away for **convenient storage and easier transportation**

Designed to **safely accommodate one nitrogen cylinder**

Finish – Aluminium
Weight – 1.6kg

NEW **NIT24** Nitrogen Cylinder Trolley (Retractable)

Hydronic UFH

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Our frequently ordered Hydronic UFH products...

Hydronic Balancing | Circuit Control | Flow + Pressure Gauges | Pre-Fitted Bracket | Water + Glycol Ready

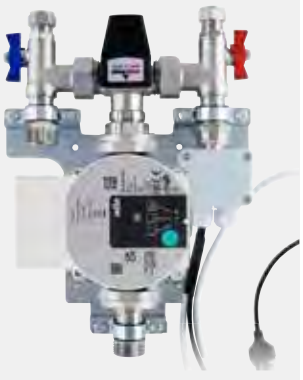


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Instinct Pro Stainless Steel Manifold (Hydronic Balancing)

A-Rated Pump | Quick to Install



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INSTINCT® | PRO

h2x

Underfloor Heating Designs Made Simple

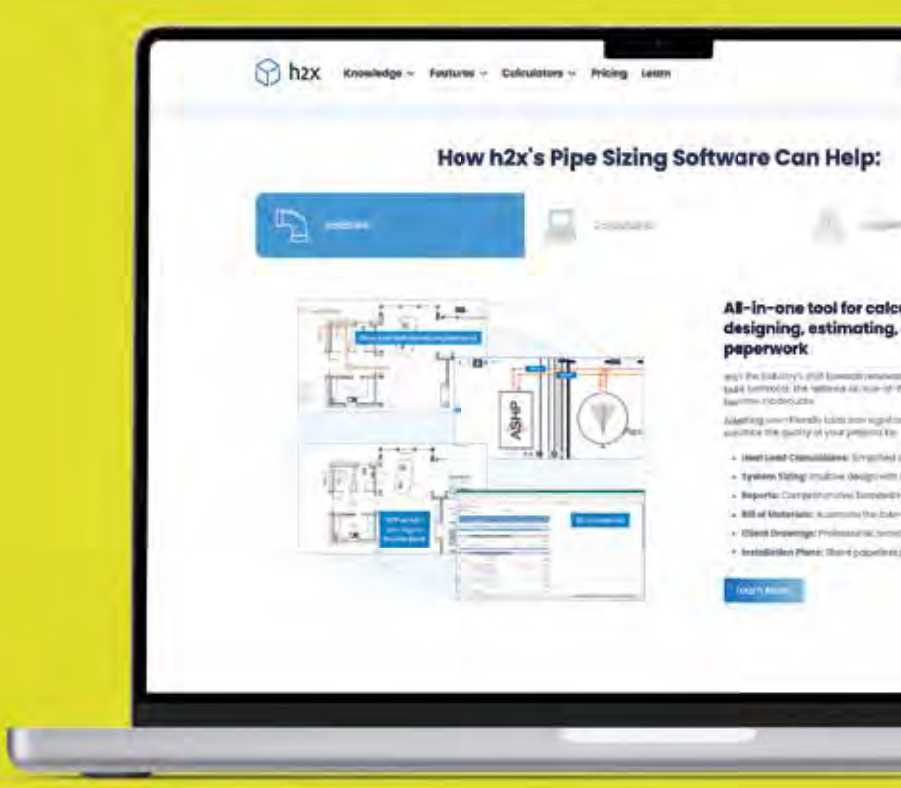
All-in-one tool for calculating, designing, specifying and drawings.

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

Years on Instinct Pro Stainless Steel Manifold **5**

Hydronic Balancing | Circuit Control | Flow + Pressure Gauges | Pre-Fitted Bracket | Water + Glycol Ready



Instinct Pro Stainless Steel Manifold in 2 to 12 Ports (Hydronic Balancing)

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

- Pre-fitted mounting bracket
- **1"** isolation ball valve with temperature gauge (flow and return)
- Built-in pressure gauge
- Balancing valve on each return point
- Flow meter on each flow point with shut-off function
- Fill and drain point on flow and return
- Manual air vent
- Independent setting for each circuit
- Suitable for water or glycol (Maximum 30% glycol)
- **6 Bar** maximum working pressure
- **5°C to 70°C** working temperature range
- **¾"** flow/return connections (12 mm and 16 mm Euro cone pipe connections sold separately)
- **50mm** centres on flow/return connections
- Left or Right Inlet/Outlet
- 0–5L/min flow meter scale
- G1"F (ISO 228-1) main connections
- G¾"M (ISO 228-1) outlets

Finish – Stainless Steel
Seals – EPDM
Handle – ABS
Springs – Stainless Steel
Brackets – Chrome plated steel
Adaptors – Brass

STAINLESS STEEL

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

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

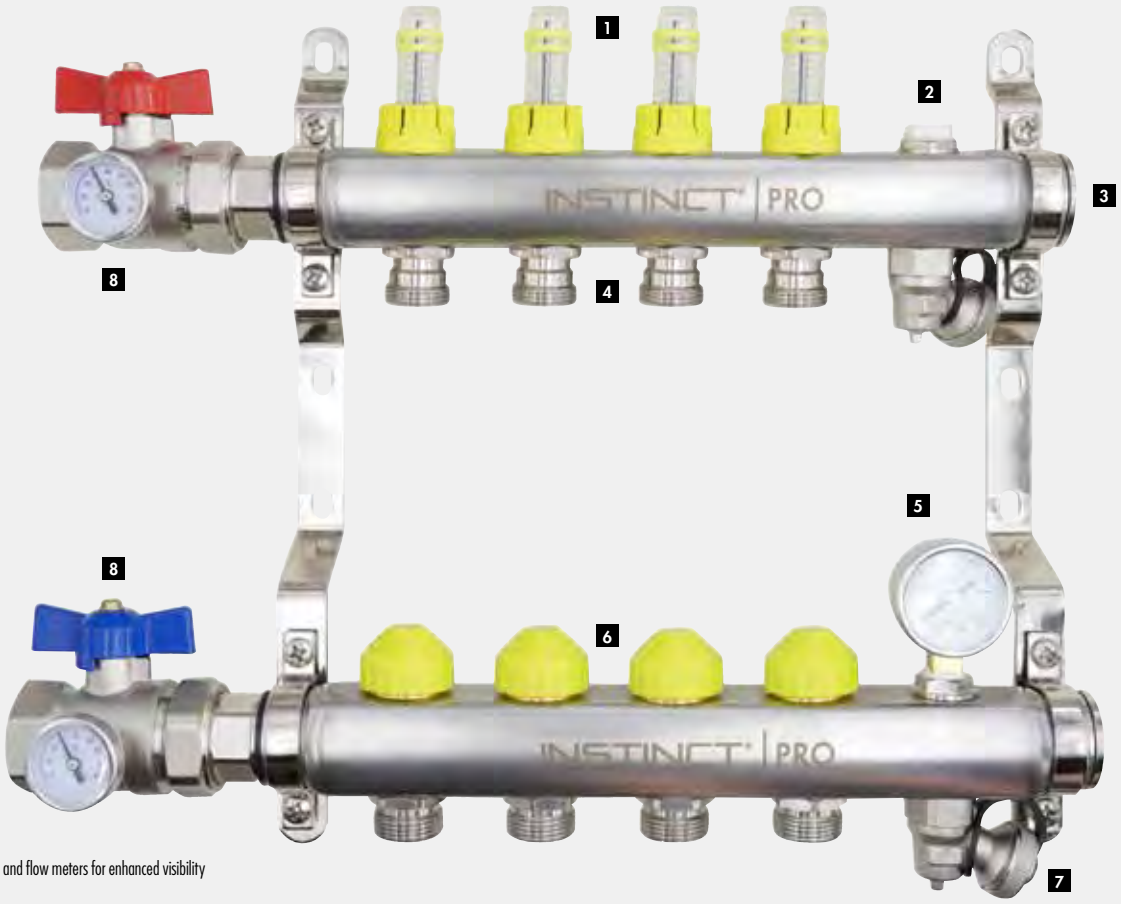
Guarantees

5 Years on Instinct Pro Stainless Steel Manifold

5 Years on Instinct Pro 230V UFH Actuator

Manifold

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



1. Bright coloured caps and flow meters for enhanced visibility
2. Manual air vent
3. Left and right outlets
4. Universal inlets and outlets to adapt various pipe types and sizes (Union nut + ring supplied separately)
5. Built in pressure gauge
6. Balancing valves (Comes with key for setting)
7. Swivel hose connections to help with easier filling, testing and servicing
8. Flow and return isolation valves (comes with temperature gauge as standard)

Instinct Pro 230V UFH Actuator

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

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 Instinct Pro 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

UK CA CE

Blending Valve + Pump Pack

Guarantees

Years 5 on Instinct Pro Blending Valve

Years 5 on Bastion Pump

Years 2 on Wilo Pump

A-Rated Pump

Quick to Install

Adjustable Temp.

Reversible Design

Heat Pump Ready



Instinct Pro Blending Valve + Pump Pack (Bastion Pump)

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.

Supplied with A-rated 6m **Bastion Pump** 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

Left or right connections (Reversible)

Suitable for water or glycol (Maximum 30% glycol)

35°C to 60°C temperature range

6 Bar maximum working pressure

≤ 0.20 energy efficiency index (EEI)

6m maximum delivery head

3.0m³/h maximum volume flow

Dimensions – 300(h) x 196(w) x 128(d) mm
Weight – 3.7kg

IN-2536J+BAS-PUMP Instinct Pro UFH Blending Valve + Pump Pack (Bastion Pump)

A-Rated Pump

Quick to Install

Adjustable Temp.

Reversible Design

Heat Pump Ready



Instinct Pro Blending Valve + Pump Pack (Wilo Pump)

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.

Supplied with A-rated 6m **Wilo Pump** 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

Left or right connections (Reversible)

Suitable for water or glycol (Maximum 30% glycol)

35°C to 60°C temperature range

6 Bar maximum working pressure

≤ 0.20 energy efficiency index (EEI)

6.3m maximum delivery head

2.6m³/h maximum volume flow

Dimensions – 302(h) x 230(w) x 122(d) mm
Weight – 1.87kg

IN-2536J+WILO-PUMP Instinct Pro UFH Blending Valve + Pump Pack (Wilo Pump)

Guarantees

5 Years on Instinct Pro Single Room Control Pump

5 Years on Bastion Pump

2 Years on Wilo Pump

Single Room Control Pump Pack

A-Rated Pump

Silent Operation



Instinct Pro Single Room Control Pump Pack (Bastion Pump)

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.

Pre-wired A-rated 6m **Bastion Pump**

Flow Temperature Thermostat

Integral ball valves for connecting/isolating the primary heating system

Adjustable thermostatic blending valve

Includes ½" to ¾" fittings excluding euro cones

Fixing bracket with **anti-vibration mountings for silent operation**

35°C to 60°C temperature range

10 Bar maximum working pressure

≤ 0.20 energy efficiency index (EEI)

6m maximum delivery head

3.0m³/h maximum volume flow

Dimensions – 302(h) x 230(w) x 132(d) mm
Weight – 4.265kg

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

A-Rated Pump

Silent Operation



Instinct Pro Single Room Control Pump Pack (Wilo Pump)

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.

Pre-wired A-rated 6m **Wilo Pump**

Flow Temperature Thermostat

Integral ball valves for connecting/isolating the primary heating system

Adjustable thermostatic blending valve

Includes ½" to ¾" fittings excluding euro cones

Fixing bracket with **anti-vibration mountings for silent operation**

35°C to 60°C temperature range

10 Bar maximum working pressure

≤ 0.20 energy efficiency index (EEI)

6.3m maximum delivery head

2.6m³/h maximum volume flow

Dimensions – 302(h) x 230(w) x 132(d) mm
Weight – 2.43kg

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

Replacement Pumps

A-Rated Pump



Bastion Pump

Dimensions – 130(h) x 90(w) x 127(d) mm

A-Rated Pump



Wilo Pump

Dimensions – 139(h) x 93.5(w) x 123(d) mm

Pipes

Guarantees

Years 50
on Instinct Pro UFH Pipes

Instinct Pro PE-RT EVOH Lightweight + Ultra-Flexible Pipe



Instinct Pro 3-Layer PE-RT EVOH Pipe (12mm x 1.6mm)

The Instinct Pro 12mm 3-layer pipe is made up of an oxygen barrier, a layer of adhesive, and a layer of PERT pipe.

Available in **Yellow**

Lightweight and **ultra-flexible**, **easy to bend**, the ideal choice for hassle-free routing and reduced installation time

Pipe Dimensions – 12mm x 1.6mm, 3 Layers

IN-PE12080	Instinct Pro 12mm x 80m Coil (Weight – 4.3kg)
IN-PE12320	Instinct Pro 12mm x 320m Coil (Weight – 17.0kg)



Instinct Pro 5-Layer PE-RT EVOH Pipe (16mm x 2mm)

The Instinct Pro 16mm 5-layer pipe is made up of an oxygen barrier, 2 layers of adhesive, and 2 layers of PERT pipe.

Available in **Yellow**

Lightweight and **ultra-flexible**, **easy to bend**, the ideal choice for hassle-free routing and reduced installation time

Pipe Dimensions – 16mm x 2mm, 5 Layers

IN-PE16120	Instinct Pro 16mm x 120m Coil (Weight – 10.4kg)
IN-PE16240	Instinct Pro 16mm x 240m Coil (Weight – 20.7kg)
IN-PE16300	Instinct Pro 16mm x 300m Coil (Weight – 25.8kg)
IN-PE16500	Instinct Pro 16mm x 500m Coil (Weight – 43.0kg)

PERT-AL-PERT (MLCP) Aluminium Lined Pipe



Instinct Pro 5-Layer PERT-AL-PERT Pipe (12mm x 1.6mm)

A flexible yet durable solution, the aluminium layer provides strength and also an oxygen barrier. made up of 2 layers of PERT pipe, 2 layers of adhesive, and 1 layer of aluminium.

Available in **White**

The perfect choice for underfloor heating installations, **offering the benefits of both plastic and metal**

Pipe Dimensions – 12mm x 1.6mm, 5 Layers

IN-PAP12080	Instinct Pro 12mm x 80m Coil (Weight – 5.2kg)
IN-PAP12160	Instinct Pro 12mm x 160m Coil (Weight – 10.3kg)
IN-PAP12240	Instinct Pro 12mm x 240m Coil (Weight – 15.4kg)



Instinct Pro 5-Layer PERT-AL-PERT Pipe (16mm x 2mm)

A flexible yet durable solution, the aluminium layer provides strength and also an oxygen barrier, made up of 2 layers of PERT pipe, 2 layers of adhesive, and 1 layer of aluminium.

Available in **White**

The perfect choice for underfloor heating installations, **offering the benefits of both plastic and metal**

Pipe Dimensions – 16mm x 2mm, 5 Layers

IN-PAP16120	Instinct Pro 16mm x 120m Coil (Weight – 12.6kg)
IN-PAP16240	Instinct Pro 16mm x 240m Coil (Weight – 25.2kg)
IN-PAP16500	Instinct Pro 16mm x 500m Coil (Weight – 52.5kg)

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.

For use with **16mm pipe**

Quantity –
1 (Clip Gun)
300 Pack (Tracker Clips)
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)



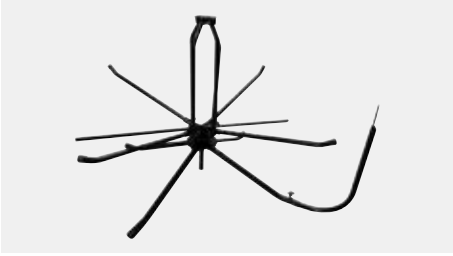
IN-CLG01	Standard Clip Gun
ZL-CL01	40mm Tracker Clips
ZL-CL02	60mm Tracker Clips

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



Plastic Star Reamer (12mm, 16mm, 20mm)

Quantity – 1
Dimensions – 90(h) x 90(w) x 26(d) mm

ZL-RE01



Eurocone Fittings

Quantity – 1
Dimensions –
31.6(h) x 31.6(w) x 18(d) mm (ZL-1036/12/1.6)
32(h) x 32(w) x 17.5(d) mm (ZL-1039/16)

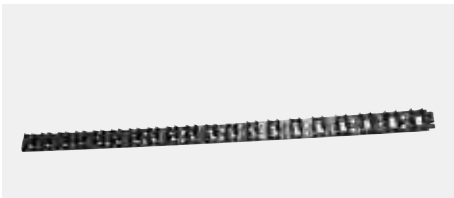
IN-ZL-1039/12/1.6	12 x 1.6 For Multi/Pex (2 Pack)
IN-ZL-1039/16	16 x 2.0 For Multi/Pex (2 Pack)



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

Tools + Spares

Guarantees

Years on UFH Tools + Spares **2**



MLCP Calibration Beveling Set

For multilayer composite and Pex pipe up to Ø32mm.

Cutting device made of steel for **long lifetime** and with **sharp cutting edge**

Large opening for removing pipe chips

Anodic oxidation aluminium alloy sleeve is **light** and **wear-resisting**

Hexagonal connector for changing different sizes easily, for handle, standard bit connectors or cordless screw driver

Ø16, 20, 25, 32mm deburring range

Quantity – 1
Dimensions –
227(h) x 110(w) x 60(d) mm

ZL-1236



Pipe Cutter

This pipe cutter is ideal for effectively cutting multilayer underfloor heating pipe. Quick and simple to use and designed to ensure a smooth clean cut that will not damage the pipe.

Quantity – 1
Dimensions – 248(h) x 38(w) x 39(d) mm

IN-PA01



Flow Meter Spare

This flow meter is uniquely designed to work with Instinct Pro manifolds, providing accurate and reliable flow readings.

Quantity – 1
Dimensions – 30.5(h) x 36.5(w) x 101(d) mm

IN-1211



1" Ball Valve (with Temp Gauge Set Red + Blue – Pair)

The 1" Ball Valve and Temperature Gauge Set delivers precision, durability, and ease of use, making it an essential component for any manifold system.

Quantity – 1
Dimensions – 103(h) x 70(w) x 74(d) mm

ZL-4012



¾" Ball Valve Set (for Blending Valve Red + Blue – Pair)

These ¾" Isolation Ball Valves (supplied as a red/blue pair) are for isolating the underfloor heating manifold and pump set from the heating system.

Quantity – 1
Dimensions – 82(h) x 40(w) x 65(d) mm

ZL-4130B

Guarantees

2 Years on SpiderFix Panels

Panels

SpiderFix Panel – A low-profile design maximises floor-to-ceiling height and speeds up heat response



SpiderFix Panel

The SpiderFix Panel is a robust injection-molded board made from 100% recycled plastic, designed to hold 12–16mm underfloor heating pipes securely in place. Its low-profile build makes it suitable for both retrofit and new-build projects. With self-adhesive backing, interlocking connectors, and easy cutting grooves, the panels are quick to install and adaptable to different room layouts. Once laid, they provide a stable base for floor finishes and help ensure an accurate pipe layout with consistent heat distribution.

Self-adhesive panels with interlocking edges and trimming lines for **quick, accurate fitting**

Works with wood, interlocking boards, LVT, linoleum, carpet and tiles

Ensures even heat distribution, stable pipe fixing and improved system response

High-strength injection-molded plastic designed to **resist wear** and **deformation**

Snap-clips connect panels securely for a continuous surface

Cutting grooves at 50mm intervals for easy trimming and adjustments

Low-profile design maximises floor-to-ceiling height and speeds up heat response

1200 x 600 x 16.5mm, routed to accept 12mm pipe (SP-12)

1200 x 600 x 20mm, routed to accept 16mm pipe (SP-16)

Adjustable pipe spacing accommodates **50mm, 100 mm** and **150–300mm centres** for flexible pipe layouts

SP-12	SpiderFix Panel (for 12mm Pipe)
SP-16	SpiderFix Panel (for 16mm Pipe)

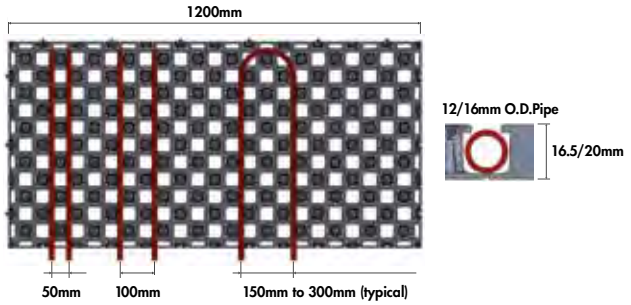
With Flowing Screed

Recommended overall screed/ levelling compound + floor covering thickness (domestic use, normal foot traffic)

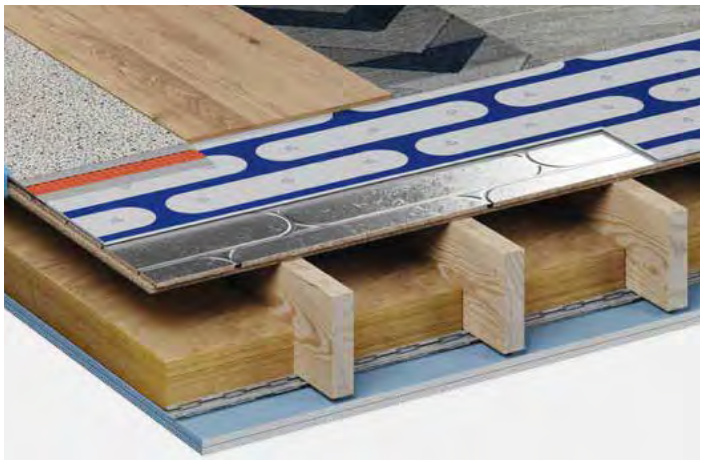
Direct on subfloor –
Tiles/Wood 20–25 mm, LVT/Linoleum/Carpet 25–30mm

Over Insulation Boards –
Tiles/Wood/LVT/Linoleum/Carpet 30–35 mm


Ensures even heat distribution and faster system response



Floor Boards



Fast Heat Transfer

Foil Faced

Easy Retrofit

UK Made



Chipoboard Faced



Foil Faced

ResoThermchip High Performance Chipboard

High performance chipboard available in 1200mm and 2400mm lengths, with a foil face for even heat transfer. 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.

High heat output, with foil facing and pipe centre options

Panels manufactured using FSC certified P5 chipboard

Suitable for all types of 12 and 16mm pipework

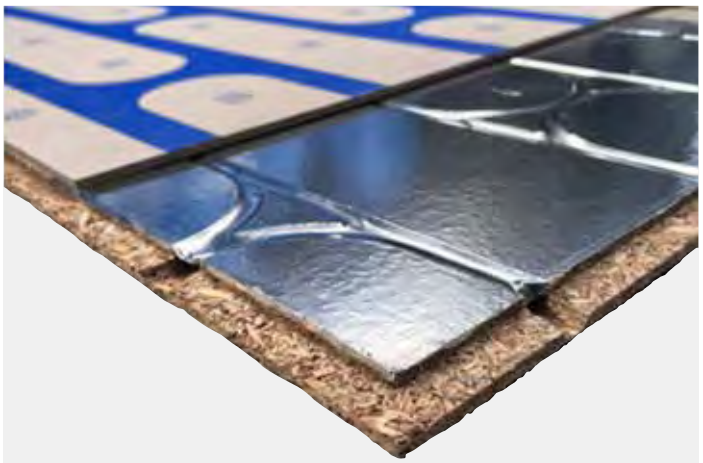
Faster response times – UFH pipes are closer to surface finish than traditional FFB (fit from below) installation

Structurally tested to comply with BS:EN1195 & BS EN 12871

0.6% moisture absorption

Pipe centres on the board are **150mm**

Plain Faced UFH Chipboard	
INCHIP0226001200R-12/150	1200 x 600 x 22mm for 12mm Pipes
INCHIP0226001200R-16/150	1200 x 600 x 22mm for 16mm Pipes
INCHIP0226002400R-12/150	2400 x 600 x 22mm for 12mm Pipes
INCHIP0226002400R-16/150	2400 x 600 x 22mm for 16mm Pipes
50mu Foil Faced UFH Chipboard	
INCHIP0226001200R-FF-12/150	1200 x 600 x 22mm for 12mm Pipes
INCHIP0226001200R-FF-16/150	1200 x 600 x 22mm for 16mm Pipes
INCHIP0226002400R-FF-12/150	2400 x 600 x 22mm for 12mm Pipes
INCHIP0226002400R-FF-16/150	2400 x 600 x 22mm for 16mm Pipes



Even Heat Transfer

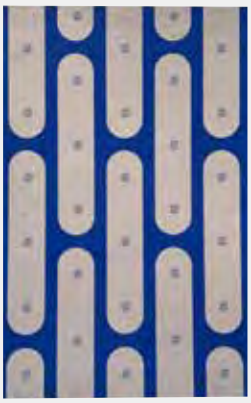
Water Resistant

Tile Ready

UK Made



Plain Cement Board



Printed with Pipe Layout Design Board

ResoBacker Boards

High strength, water resistant cement fibre boards used as the covering layer over our routed UFH board systems. The board strengthens the surface of the routed carrier board, whilst also offering excellent and even heat transfer to the surfaces above. Ceramic and porcelain tiles can be laid directly over the surface after installation. Available plain or with pipe layout printed.

Even and efficient heat distribution

Excellent resistance to water and moisture

High compressive strength and **impact resistance**

Protects against mould growth in damp environments

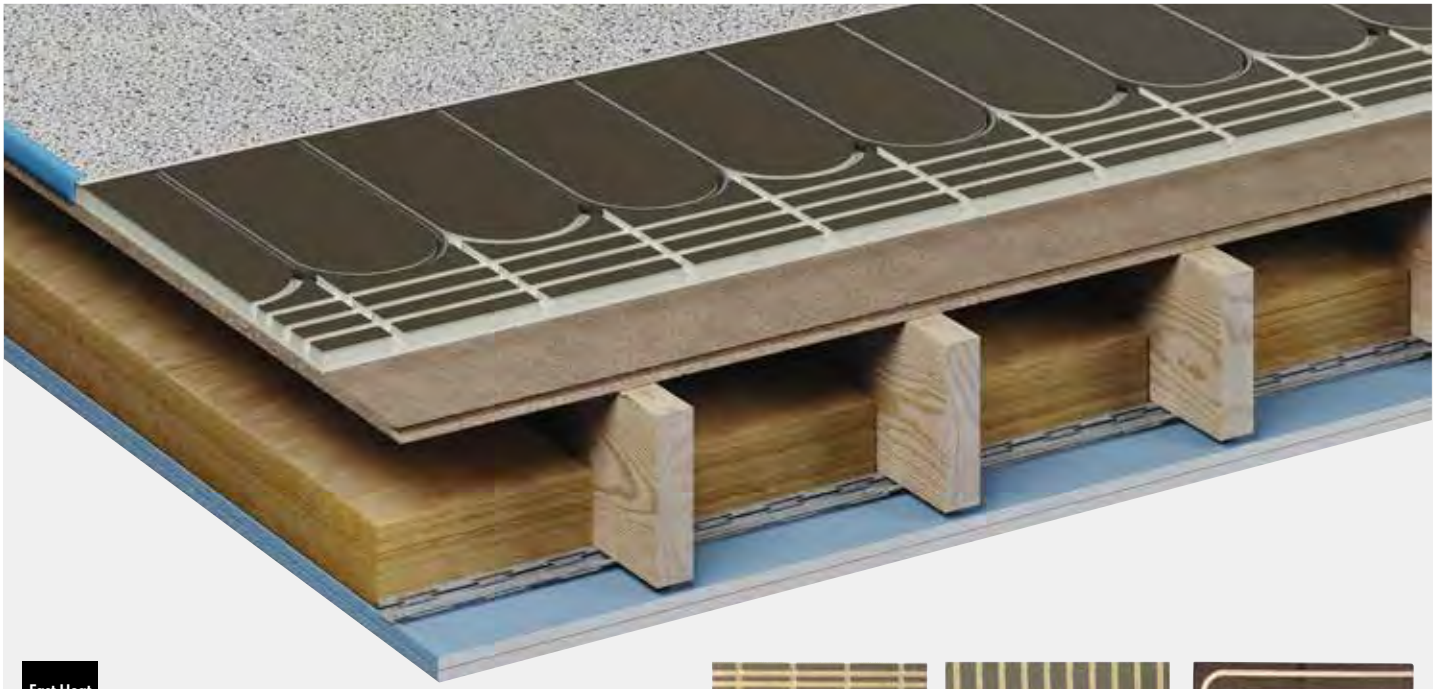
Suitable for ceramic and porcelain tiles

Available plain or with printed pipe layouts

Fibre Cement Cover Boards (Printed with Pipe Layout Design)	
INBACKER0061200900PRINT	1200 x 900 x 6mm
Fibre Cement Cover Boards (Plain Cement Board)	
INBACKER0061200900	1200 x 900 x 6mm

Installation Accessories	
INABONDD3PVA1KG	Wood glue for chipboard T&G joints 1kg (30m² approx.)
INMSP290ML	MS Polymer Adhesive cartridge 290ml (2m² coverage)
INSCREW5X80	5mm x 80mm Screws for fixing Routed Chipboard to floor joists (Box of 200)
INSCREW5X25	5mm x 25mm Screws for fixing ResoBacker boards to Routed Chipboard (Box of 200)

Floor Boards



Fast Heat Transfer

High Strength

Tile Ready

UK Made



Grooved Heating Panel (with Serpentine Loops + 3 Cross Runs)



Straight Grooved Flow + Return Highway PanelReturn Highway Panel



90° Turn Grooved Flow + Return Highway Panel

HEATBACKER CEM XPS Board

These boards are the ideal solution when looking for a low profile overlay board for tiled floor applications.

The light weight extruded polystyrene (XPS) core panels are faced on both sides with a glass fibre reinforcement mesh and cementitious coating.

Efficient and fast transfer of heat

Suitable for all types 12 and 16mm pipework

High compressive strength

Ideal for tiled flooring to be laid directly over

Straights, radius returns and **universal** CNC routing options

0.033 Wmk thermal conductivity

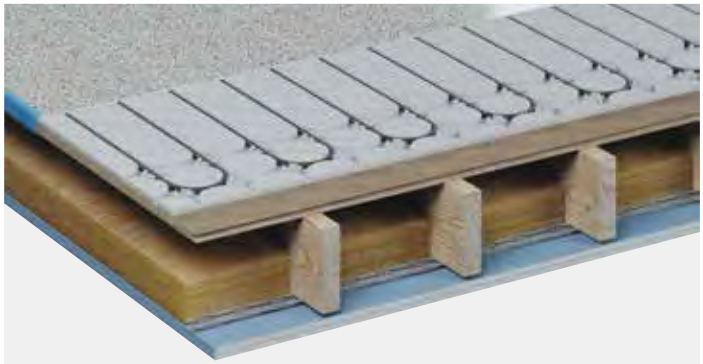
300kPa compressive strength

Pipe centres on the board are **150mm / 60mm**

Installation Accessories	
INMID35	Box of 100 – 35mm Fixing Disc's (12 per board)
INSCREWT	Box of 200 – 5 x 60 CSK POZI screw (for Timber Subfloor)
INSCREWC	Box of 100 – 6 x 57 CSK TAPCON screw (for Concrete Subfloor)

Grooved + Straight Heating Panel	
INHEATBB206001200(20-S)16/150	1200 x 600 x 20mm for 16mm Pipes
Grooved Heating Panel (with Serpentine Looped Returns)	
INHEATBB206001200(20-SR)16/150	1200 x 600 x 20mm for 16mm Pipes
Grooved Heating Panel (with Serpentine Loops + 3 Cross Runs)	
INHEATBB206001200(20-U)16/150	1200 x 600 x 20mm for 16mm Pipes
Straight Grooved Flow + Return Highway Panel	
INHEATBB206001200(20-H)16/60	1200 x 600 x 20mm for 16mm Pipes
Fully Circled Bi-Directional + Triangle Fix Board	
INHEATBB206001200(20-C)16/150	1200 x 600 x 20mm for 16mm Pipes
Half Circled + Triangle Fix Board	
INHEATBB206001200(20-R)16/150	1200 x 600 x 20mm for 16mm Pipes
Grooved Half Circled, Triangular Fix Board + 6 Cross Runs	
INHEATBB206001200(20-IN)16/150	1200 x 600 x 20mm for 16mm Pipes
90° Turn Grooved Flow + Return Highway Panel	
INHEATBB020600600(20-90T)16/60	600 x 600 x 20mm for 16mm Pipes

Floor Boards



Efficient Heat Transfer

Dry Install

Pipework Compatible

UK Made



HEATDECK Fibre Board

HEATDECK 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.

Efficient and fast transfer of heat

Suitable for all types of 12 and 16mm pipework

High heat retention

Can be installed as an acoustic system on separating floors

Straights, circles, radius returns and **universal** CNC routing options

0.32 Wmk thermal conductivity

Pipe centres on the board are **150mm**

T+G Board (Grooved + Straight)	
INHEATS0181200T&G	1200 x 600 x 18mm for 12mm Pipes
T+G Board (with Serpentine Looped Returns)	
INHEATSR0181200T&G	1200 x 600 x 18mm for 12mm Pipes
T+G Board (with Serpentine Loops + 3 Cross Runs)	
INHEATRU0181200T&G	1200 x 600 x 18mm for 12mm Pipes
Grooved + Straight UFH Board (with Serpentine Looped Returns)	
INHEATS018800	800 x 600 x 18mm for 12mm Pipes
INHEATS0251000	1000 x 500 x 25mm for 16mm Pipes
Grooved UFH Board (with Serpentine Looped Returns)	
INHEATSR0181200	1200 x 600 x 18mm for 12mm Pipes
INHEATSR0251000	1200 x 500 x 25mm for 16mm Pipes
Grooved UFH Board (with Serpentine Loops + 3 Cross Runs)	
INHEATRU0181200	1200 x 600 x 18mm for 12mm Pipes
INHEATRU0251000	1000 x 600 x 25mm for 16mm Pipes
Fully Circled End Return UFH Board	
INHEATC018600	600 x 600 x 18mm for 12mm Pipes



Efficient Heat Transfer

High Strength

Moisture Resistant

UK Made



Foil Faced Board



Plain Faced Board

ResoTherm XPS300 + 400 Extruded Polystyrene Board

A range of high quality underfloor heating insulation boards provide extremely high compressive strength, 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.

High thermal performance, with an option of foil facing

Suitable for all types of 12 and 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

0.034 Wmk thermal conductivity

XPS300 – **300kPa,** XPS400 – **400kPa** compressive strength

<0.7% (EN 12087) moisture absorption

Pipe centres on the board are **150mm**

XPS300 Plain Faced UFH Heating Panel (with Serpentine Loops + 3 Cross Runs)	
INXPS0186001200(300)R-12/150	1200 x 600 x 18mm for 12mm Pipes
XPS300 50mu Foil Faced UFH Panel (with Serpentine Loops + 3 Cross Runs)	
INXPS0186001200(300)12/150-FF	1200 x 600 x 18mm for 12mm Pipes
XPS400 Plain Faced UFH Panel (with Serpentine Loops + 3 Cross Runs)	
NEW **INXPS0206001200(400)R-16/150**	1200 x 600 x 20mm for 16mm Pipes
NEW **INXPS0206001200(400)R-16/200**	1200 x 600 x 20mm for 16mm Pipes
XPS400 50mu Foil Faced UFH Panel (with Serpentine Loops + 3 Cross Runs)	
NEW **INXPS0206001200(400)16/150-FF**	1200 x 600 x 20mm for 16mm Pipes
NEW **INXPS0206001200(400)16/200-FF**	1200 x 600 x 20mm for 16mm Pipes
XPS400 Plain Faced UFH Panel (Highway/Transition)	
NEW **INXPS0206001200(400)R-16/60**	1200 x 600 x 20mm for 16mm Pipes
XPS400 50mu Foil Faced UFH Panel (Highway/Transition)	
NEW **INXPS0206001200(400)16/60-FF**	1200 x 600 x 20mm for 16mm Pipes

Floor Boards



NEW

Sound Reduction

Efficient Heat Transfer

Fire Resistant

UK Made



1 Gypdeck 18
2 Insulation
3 ResoFleece



Gypdeck 18 Fibre Board

Gypdeck 18

Gypdeck 18 is a high density dry screed T&G panel that can be installed in conjuction with insulation boards* plus Resofleece* to create a high performance acoustic and underfloor heating system.

Panels are ideal for residential properties, student accomodation, care homes and facilities.

Excellent impact and airbourne sound reduction

Low thermal resistance for optimim floor heating conditions.

High density boards accept ceramin and porcelain floots directly without a decoupling mat

Does not burn when exposed to fire EN 13501-1, A2-s1,do

Gypdeck 18		
NEW	**INGYP18**	18mm Gypsum Fibre Board with T&G Edge Profile
ResoFleece		
NEW	**INFLEECE10**	Polyester Fleece Resilient Layer – 10mm x 1200mm x 600mm

**Purchased as seperate items*

Quick to Install

Easy to Handle

100% Recyclable



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.

Lightweight, **easy to handle** and **quick to install**

100% recyclable (Zero VOC's, Zero CFC's, Zero ODPs, GWP <5)

Available in multiple widths and lengths

Will improve the overall thermal performance and efficiency of floors

-40°C to +60°C working temperature

0.02 - 0.03 mg/cm² water absorption

Extruded closed cell polylene foam material

Finish – Blue and Grey
Quantity – 1

Bond PVC Apron	
INDGET0510050	5mm x 100mm x 50m rolls
Bond PVC Apron + Self Adhesive Backing	
INDGET0815025ADH	8mm x 150mm x 25m rolls
Bond PVC Apron + Self Adhesive Backing – Low Profile Edge Strip	
INDGET0510025SA	5mm x 100mm x 25m rolls

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

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

Electric UFH

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Warmup 7iE™ Smart Thermostat with Matter and Smartcare™	54
Warmup Element™ Smart Thermostat with Smartcare™	55
Warmup Tempo™ Programmable Thermostat	55

Our frequently ordered Electric UFH products...



54
Warmup 7iE™ Smart Thermostat with Matter and Smartcare™



55
Warmup Element™ Smart Thermostat with Smartcare™

Electric UFH

Thermostats

Range	Page No.	Display: Touch Control	Display: Customise Display	Display: Colour Display	Display: Mono Display	Connectivity: WiFi Control	Connectivity: App Control	Connectivity: Compatible with Smart Devices	Safety: IP20 Rated	Safety: IP33 Rated
Warmup 7iE™ Smart Thermostat with Matter and Smartcare™	54	●	●	●		●	●	●		●
Warmup Element™ Smart Thermostat with Smartcare™	55	●			●	●	●	●		●
Warmup Tempo™ Programmable Thermostat	55				●				●	

Icon Key

Our handy icon key helps you quickly recognise key product features and choose the product that suits you best.

Touch Controls

Customise Display

Colour Display

Mono Display

WiFi Control

Compatible with Smart Devices

App Control

IP20 Rated

IP33 Rated

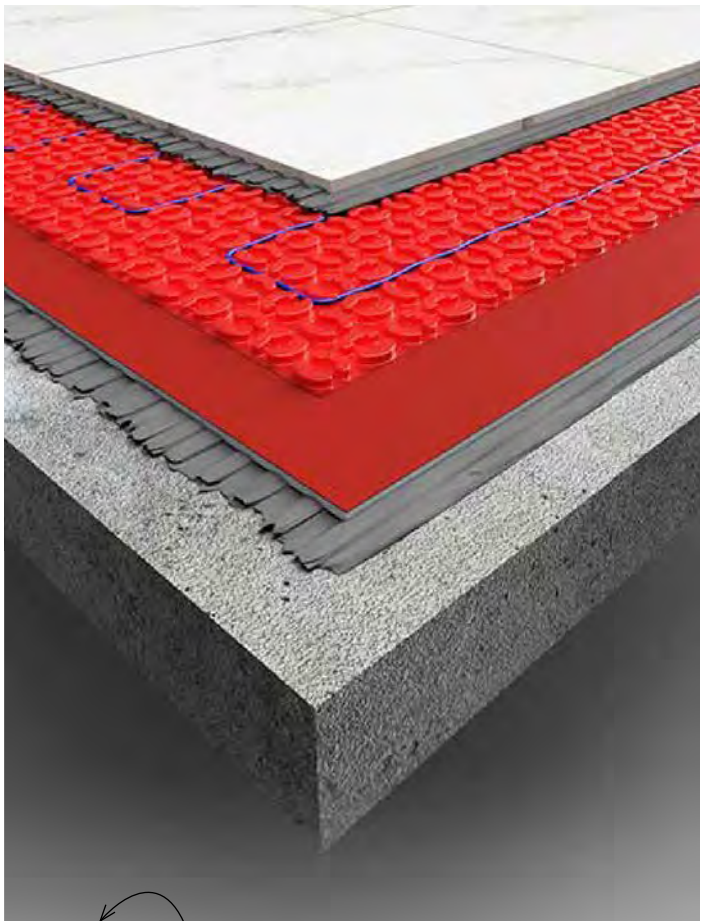


Warmup
The world's best-selling floor heating brand™

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

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 & 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 & 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.

CE UKCA BEAB Approved Intertek SAFETYNet™ Installation-Guarantee

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.

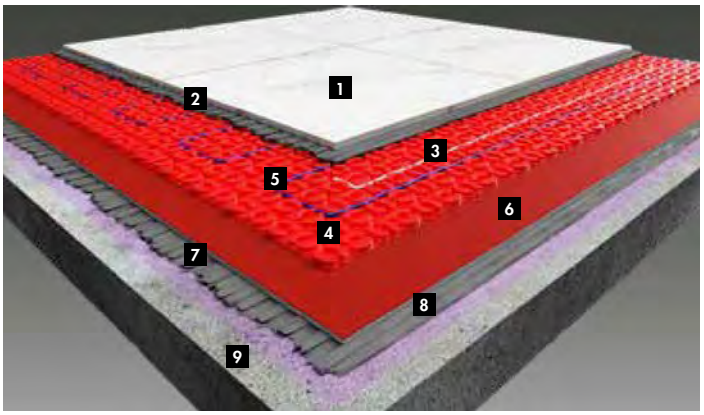


Patented adhesive layer slides and stretches with expansion.



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

Typical Floor Build-Up - Peel & Stick (Also available with Fleece Backing)



1 Tile Floor Finish
2 Flexible Tile Adhesive
3 Floor Sensor
4 DCM-PRO™ Peel & Stick Mat
5 Heating Cable
6 Warmup Ultralight (optional)
7 Flexible Tile Adhesive (optional). Required if installing Warmup Ultralight
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 subfloor requirements.*

DCM-PRO™ Mat V3 – Specification

Product Code	DCM-PS (Peel & 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-#
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



Low Wattage Cable – 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™ 82.5 W/m² – based on 2 castellations
DCM-PRO™ 55 W/m² – based on 3 castellations (standard)
DCM-PRO™ 41.3 W/m² – based on 4 castellations

		Heated area at different spacings, m²		
		Castellations		
		2	3	4
		60mm	90mm*	120mm
		82.5 W/m²	55 W/m²	41.3 W/m²
NEW	**DCM-C-LW-1**	0.7	1.0	1.3
NEW	**DCM-C-LW-1.5**	1.0	1.5	2.0
NEW	**DCM-C-LW-2**	1.3	2.0	2.7
NEW	**DCM-C-LW-2.5**	1.7	2.5	3.3
NEW	**DCM-C-LW-3**	2.0	3.0	4.0
NEW	**DCM-C-LW-3.5**	2.3	3.5	4.7
NEW	**DCM-C-LW-4**	2.7	4.0	5.3
NEW	**DCM-C-LW-4.5**	3.0	4.5	5.8
NEW	**DCM-C-LW-5**	3.3	5.0	7.0
NEW	**DCM-C-LW-6**	4.0	6.0	8.2
NEW	**DCM-C-LW-7**	4.7	7.0	9.3
NEW	**DCM-C-LW-8**	5.3	8.0	10.7
NEW	**DCM-C-LW-9**	6.0	9.0	12.0
NEW	**DCM-C-LW-10**	6.7	10.0	13.3
NEW	**DCM-C-LW-12**	8.0	12.0	16.0
NEW	**DCM-C-LW-14**	9.3	14.0	18.7
NEW	**DCM-C-LW-16**	10.7	16.0	21.3

DCM-PRO™ Mat V3 – Product

	Format	Length	Width
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

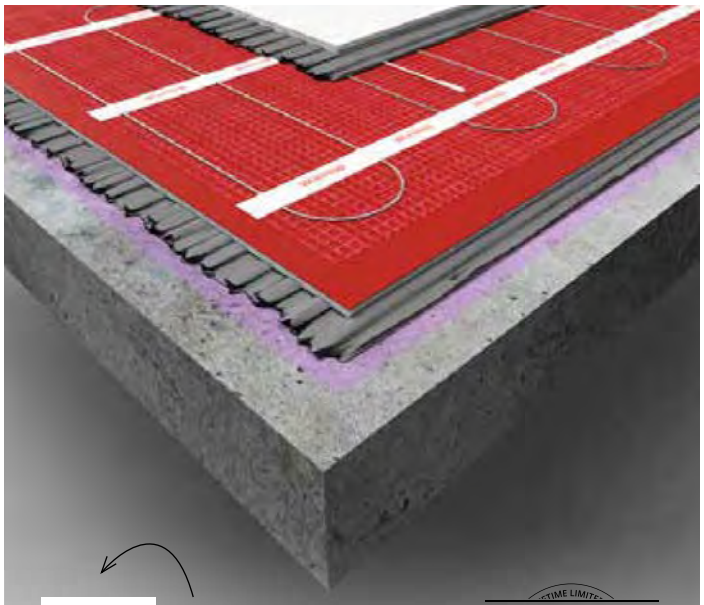
Waterproofing Tape External

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

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

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.

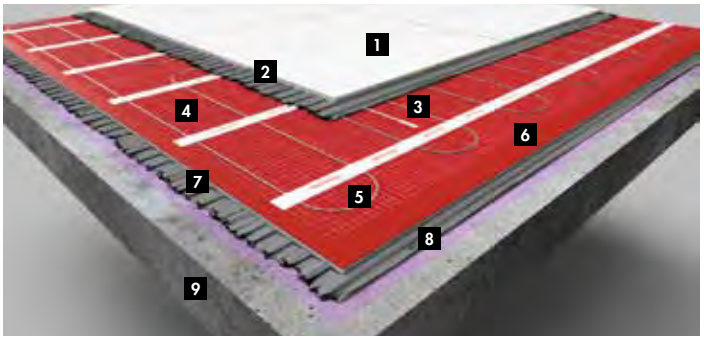
- **Quick + Easy Installation**
  Sturdy glass fibre mesh with pressure sensitive adhesive, for the fastest and most secure installation of electric underfloor heating
- **No Increase In Floor Levels**
  With an ultra-thin, dual fluoropolymer coated heating wire
- **Suitable For All Builds**
  StickyMat™ 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

CE UKCA BEAB Approved Intertek SAFETYNet™ Installation-Guarantee

Ultralight™ Board 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*

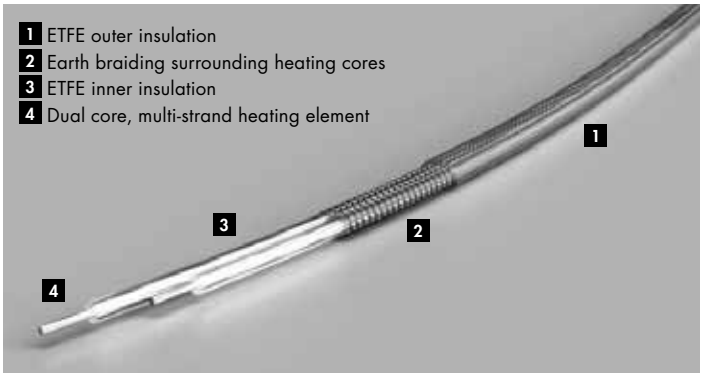
StickyMat™ – 150W/m² System

	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

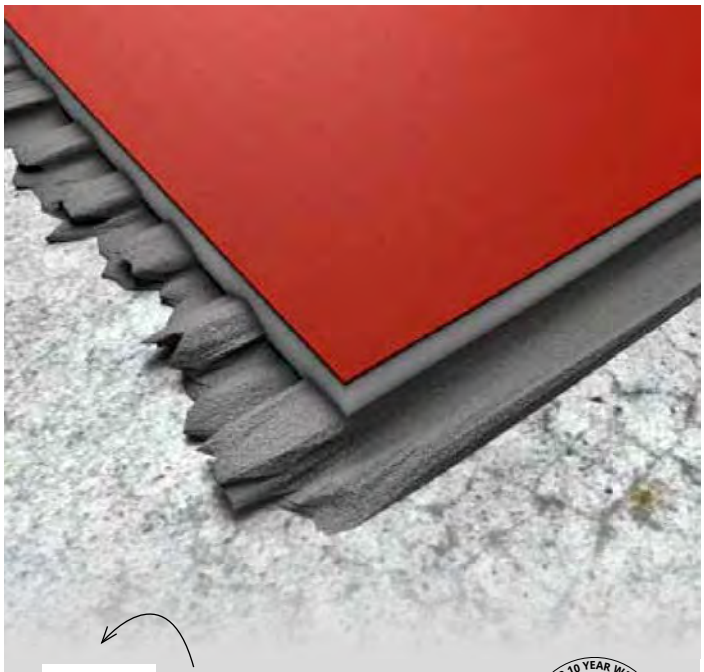
StickyMat™ – 200W/m² System

	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



Warmup Ultralight™



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

Warmup Ultralight™

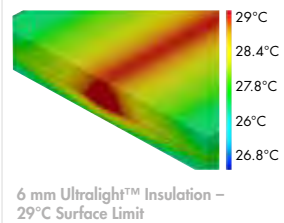
4-in-1 (Insulating, Heat Spreading, Decoupling, Sound Reducing)

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.

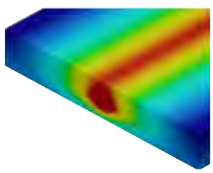
The core PEF insulation provides thermal separation from the floor beneath, ensuring a rapid thermal response of a heated layer of tiles or levelling compound above.

- **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



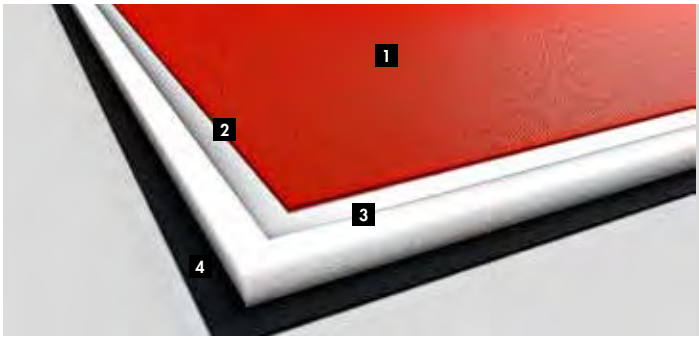
6 mm Ultralight™ Insulation – 29°C Surface Limit



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)

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

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

Thermostats

Warmup 7iE™ Smart Thermostat with Matter and Smartcare™





Warmup 7iE Smart Thermostat with Matter and Smartcare™ – Onyx Black



Warmup 7iE Smart Thermostat with Matter and Smartcare™ – Bright Porcelain

Available in **Onyx Black** or **Bright Porcelain**

The 7iE™ Smart Matter WiFi Thermostat's ultra-slim design sits just 16mm from wall

The 7iE™ Smart Matter WiFi Thermostat helps find the most efficient heat settings for a property

Quick to install, the 7iE™ Smart Matter WiFi Thermostat can be set up in minutes using the QR code

The 7iE™ Smart WiFi Thermostat provides flexible multi-zone control for water and electric UFH systems

The 7iE™ Smart Matter WiFi Thermostat helps reduce energy usage by up to 25%

Dimensions – 115(h) x 90(w) x 39(d) mm

IP33 matter

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

7IE-01-OB-DC	Onyx Black with Dark Chrome Surround
7IE-01-BP-LC	Bright Porcelain with Light Chrome Surround

Take a closer look at the 7iE™ features video, scan to find out more

12 YEAR LIMITED WARRANTY Warmup

Warmup 7iE™ Smart Thermostat with Matter and Smartcare™

World's first UFH controller with a Smartphone touchscreen.

The 7i™ uses advanced technology to maximise on the efficiency of a Warmup heating system. With Matter compatibility and Smartcare support included, the 7iE™ effortlessly integrates your heating within your Smart home ecosystem - including Apple Home, Google Home, and Amazon Alexa.

- **Provides Smarter Energy Savings**
  The 7iE™ Smart Matter WiFi Thermostat automatically adjusts your heating to maximise comfort and efficiency, with up to 25% energy saving
- **Effortless Smart Home Integration**
  The 7iE™ Smart Matter WiFi Thermostat is compatible with Apple, Google and Amazon devices through its Matter technology
- **24/7/365 Expert Heating Support**
  Includes expert heating support through its access to Smartcare, which provides proactive system monitoring and market-leading support for life

CE UKCA BEAB

Warmup 7iE Smart Thermostat with Matter and Smartcare™	
Max. Load	16A (3680W)
Max. Ambient Temperature	40°C
Operating Frequency	2401 - 2484MHz
Sensors	Air & Floor (Ambient)
Sensor Type	NTC10K 3m Long (Can Be Extended to 50m)
Installation Depth	Recommended – 50mm Back Box Minimum – 35mm Back Box
IP Rating	IP33
Compliance	CE & UKCA Marked
Compatibility	Electric Underfloor Heating, Hydronic Underfloor Heating, Central Heating Systems (Combi & system boilers with switch live, 230V AC input)
Warranty	12 Years when installed with a Warmup Heater 3 Years when installed without a Warmup Heater
Er-P Class	IV
Approvals	BEAB

Thermostats

Warmup Element™ Smart Thermostat with Smartcare™



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

12 YEAR LIMITED WARRANTY Warmup



Available in **Black with Dark Chrome Surround, White with Light Rose Gold Surround, White with White Surround and White with Light Chrome Surround**

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

Dimensions – 86(h) x 86(w) x 16(d) mm

IP33 BEAB

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

ELM-01-OB-DC	Black with Dark Chrome Surround
NEW **ELM-01-WH-LC**	White with Light Chrome Surround
ELM-01-WH-RG	White with Rose Gold Surround
NEW **ELM-01-WH-WH**	White with White Surround

Warmup Tempo™ Programmable Thermostat



3 YEAR LIMITED WARRANTY Warmup



Tempo™ PB Digital Thermostat – Piano Black



Tempo™ PW Digital Thermostat – Porcelain White

Available in **Piano Black** or **Porcelain White**

Stylish and contemporary design with an easily controlled dial and sliders

Clear screen displaying program details

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

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

IP20 BEAB

ELT-PB	Piano Black
ELT-PW	Porcelain White

INSTINCT®

ideal HEATING

HOT WATER PERFORMANCE. BUILT TO LAST.

Ideal Instinct **Hot Water Cylinders up to 300 Litres**



25 Year Vessel Warranty
Long-term reassurance for your customers

Duplex Stainless Steel
Durable construction for long-term performance

Corrugated Heating Coil
Designed to support efficient heat transfer

Up to 300 Litre Capacity
Larger hot water capacity to suit higher household demand

Less Space Required
No need for a water storage tank in the loft

SCAN ME TO FIND YOUR NEAREST STOCKIST

Heating

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Icon Key

Our handy icon key helps you quickly recognise key product features and choose the product that suits you best.

- 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 10 Bar Pressure
- Easy Installation
- Next Day Delivery
- Vertical Hanging

Our frequently ordered Heating products...

Easy to Install | Compact Design | Easy Access



58
Ideal Instinct² Combi Boiler



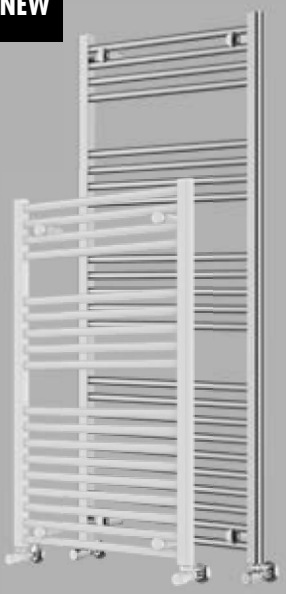
66-67
Ideal Instinct Standard + Slimline Cylinders

NEW



63
Wilo Yonos PICO-Z Circulating Pump

NEW



72
Stelrad Towel Rails

Multiple Sizes



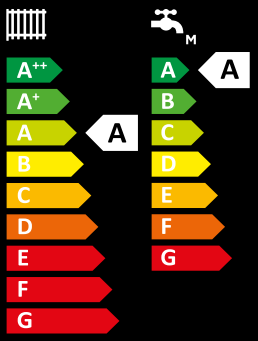
68
Henrad Compact Radiators

ideal HEATING

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

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.

Quick and easy to install

Low lift weight

Compact cupboard fit design

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

Tried and tested technology (inc. Grundfos pump)

Fast Fix flue turret connections

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

Fully supported by Ideal Service Division

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

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

PROTECT YOUR HEATING SYSTEM

Help maintain a healthy heating system with **Instinct Pro chemicals**.

Pages 92-93



Ideal Instinct² 35 Combi Boiler

Specification	Instinct² 24	Instinct² 30	Instinct² 35
Weight (packaged) (kg)	33.9	33.9	34.0
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

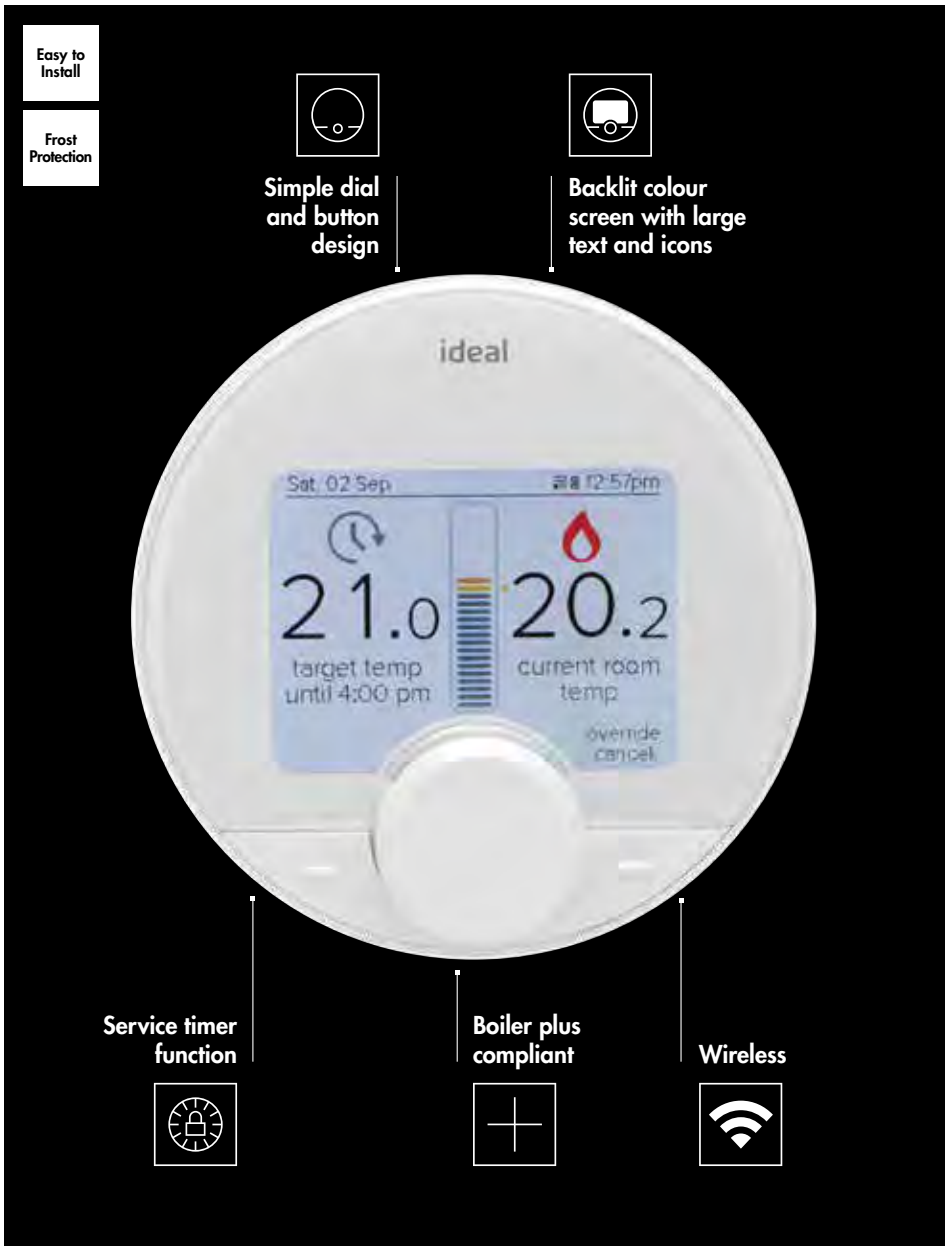


All dimensions in mm. All measurements are approximate and subject to standard tolerances.

Boilers

Guarantees

Years on Ideal Hale Lite RF Thermostat **2**



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.

Designed specifically to work with Instinct² Boilers

Wireless control with robust signal

Maintain boiler health with **on screen service and fault notifications**

Fast and simple to install with out of the box pairing

Advanced settings to tailor controls to tenant and landlord needs

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

Load compensation provides **easy Boiler Plus compliance**

Frost protection for winter boiler and system protection

Compact and contemporary design with **large, clear colour screen**

Finish – White
Dimensions –
96(h) x 96(w) x 35(d) mm (PRT)
112(h) x 108(w) x 32(d) mm (Receiver)

237423 Ideal Halo Lite RF Thermostat

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

Flue + Accessories



Instinct² Weather Compensation Kit

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

216119



Horizontal Flue Terminal (for Instinct² Combi)

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

208173



Instinct² Stand Off Kit

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

207668

Guarantees

3 **Years**
on Instinct Pro Condensate Removal Pump

Pumps

Easy to Install

Easy to Maintain

Durable + Reliable



Instinct Pro Condensate Removal Pump

Instinct Pro Condensate Removal Pump

One-piece centrifugal pump with tank.

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

Exceptional durability and **reliability**

Quick and **easy installation** in any place

Quick and **easy maintenance**

Easily removable tank and reversible pump

Reinforced mechanical structure improving shocks resistance

IP20 regular duty (2 Litre tank capacity)

500 l/h max flow rate

5.0m max discharge head

5.4m max pressure (flow rate 0)

≤ 45 dBA sound level in application at 1m

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

pH > 2.5 (Gas condensing boilers) max condensate acidity

105°C thermal protection (auto reset)

Oil and acid resistant float

Finish – Grey + Black
Dimensions – 183(h) x 136(w) x 293(l) mm

IP44

SI1802INAN23 Instinct Pro Condensate Removal Pump



Pressure Safe System

Kit Contents
Integrated tank pump of 2 Litre
Integrated check valve
Power cable – 2m bare ends
Alarm wires – 1m
Tubing Adapter – 10 mm (3/8") to 6 mm (1/4")
2 screws + plug

Condensate Removal Pump Accessories



0.5 Litre Tank Pump (With Accessories)



Diffuser (PRV compatible)



Clear Hose

NEW	**SI1830**	0.5 Litre Tank Pump (with Accessories)
NEW	**SI61**	0.5 Litre Tank Pump (with Accessories)
NEW	**PS1800**	Pressure Safe System
NEW	**ACC001800**	Diffuser (PRV compatible)
NEW	**ACC00125**	Clear Hose (25m x 10mm)
NEW	**ACC00801**	10mm Non-Return Valve
NEW	**ACC00901**	10mm Straight Connector (Pack 5)
NEW	**ACC00920**	10mm Self Seal Fitting (Pack 5)
NEW	**ACC00908**	21.5mm – 10mm Reducer (Pack 5)
NEW	**ACC00922**	10mm Drain Safe Device / Anti-siphoning (Pack 5)

wilo

Pumps

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

Guarantees

Years 5
on Wilo Atmos PICO Circulating Pump

Easy to Install
Easy to Use
UFH Compatible



Wilo Atmos PICO 130 (6m)

Easy to Install
Easy to Use
UFH Compatible



Wilo Atmos PICO 180 (8m)

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, UFH, air conditioning and cooling applications extremely quickly and easily.

New and redesigned small circulator pump

Variable differential pressure, allowing the pump to modulate to the requirements of the system, supporting **efficient operation and reduced energy consumption**

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)

Wilo 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, Δp-c, 3 speeds
Faults Management	LED with blinking code
Quick Connection	Yes
Dejamming	Automatic
Compactness (L2 dimension)	94.1
EEI	≤0.23

Wilo 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, Δp-c, 3 speeds
Faults Management	LED with blinking code
Quick Connection	Yes
Dejamming	Automatic
Compactness (L2 dimension)	94.1
EEI	≤0.23

Guarantees

5 **Years**
on Wilo Yonos PICO-Z Circulating Pump

Easy to Install
Differential Pressure
Low Noise



Wilo Yonos PICO-Z 130 (6m)

NEW
Easy to Install
Differential Pressure
Low Noise



Wilo Yonos PICO-Z 180 (8m)

Wilo Yonos PICO-Z Circulating Pump

The compact Wilo Yonos PICO-Z is an easy to install pump for domestic hot water circulation applications in residential and light commercial applications.
The high-efficiency pump equipped with a thermal insulation shell offers a high-degree of hygienic safety due to its stainless-steel housing. The Wilo-Connector enables quick electrical installation. With the automatic and manual restart as well as the pump venting function, the Wilo-Yonos PICO-Z offers all the standard functions required for reliable operation.

Stainless steel pump housing provides **hygienic safety**

EC motor enables **energy-saving supply**

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

Simple electrical installation with the Wilo-Connector

Finish – Green / Black / Grey
Dimensions –
130(h) x 114(w) x 152(d) mm (4255416)
180(h) x 115(w) x 165(d) mm (4265692)
Weight – 1.7kg (4255416), 2kg (4265692)

Max 10 Bar

4255416	Wilo Yonos PICO-Z 130 (6m)
NEW **4265692**	Wilo Yonos PICO-Z 180 (8m)

Wilo Yonos PICO-Z 130 (6m)	
Operating Specification	
Field of Application	Heating / Floor heating / Air conditioning
Max. Operating Pressure	10 Bar
Fluid Temperature Range	2°C to 95°C
Ambient Temperature Range	-10°C to 40°C
Temperature Range at 40°C Ambient	2°C to 70°C
Maximum Total Water Hardness	3.57 mmol/l (20°dH)
Mains Connection	1~230 V, 50/60 Hz
Rated Power P2	30 W
Rated Current	0.44 A
Speed Range	700-4200 rpm
Power Consumption P1	4-40 W
Motor Protection Class	IPX4D
Control Modes	Δp-c; constant speed; 3 speed stages

Wilo Yonos PICO-Z 180 (8m)	
Operating Specification	
Field of Application	Heating / Floor heating / Air conditioning
Max. Operating Pressure	10 Bar
Fluid Temperature Range	2°C to 95°C
Ambient Temperature Range	-10°C to 40°C
Temperature Range at 40°C Ambient	2°C to 70°C
Maximum Total Water Hardness	3.57 mmol/l (20°dH)
Mains Connection	1~230 V, 50/60 Hz
Rated Power P2	58 W
Rated Current	0.70 A
Speed Range	500-4800 rpm
Power Consumption P1	4-75 W
Motor Protection Class	IPX4D
Control Modes	Δp-c; constant speed; 3 speed stages

ideal HEATING

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

ideal HEATING

INSTINCT

120 150 170 200 250 + 300
Indirect Pre Plumbed System Ready Cylinders

25

Year Guarantee†

Next day delivery available

Proven technologies and quality manufacturing at a competitive price

High corrosion resistant duplex stainless steel



Mains pressure hot water

Manufactured in the UK

High quality fittings

Straight pipework for easy installation

B

B ErP rating up to 170L model

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

Cylinders

†Guarantees

25 Years on Vessel | 2 Years on Parts

Ideal Instinct Indirect Pre Plumbed System Ready Cylinders

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

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

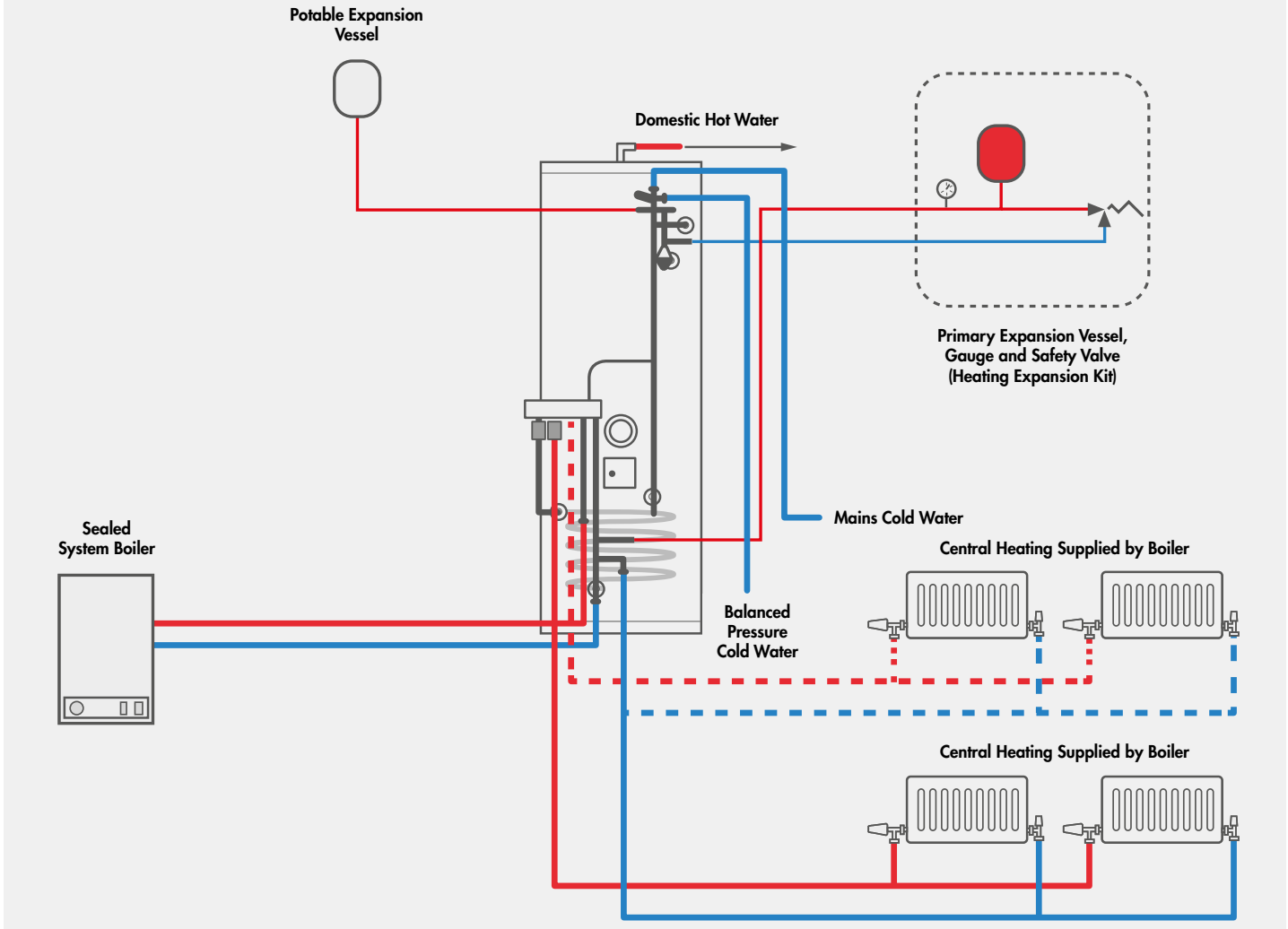
Pipe layout to suit smaller diameter cylinder to enable continuity of branding compared to PRO with wider diameter

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

Specific designed System Ready for retrofit installations

Straight pipework to assist with insulating and simplicity

Consistent quality fittings with press fittings



Indirect Pre Plumbed System Ready

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

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

Cylinders

Guarantees

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

Ideal Instinct Standard Cylinders

Long-term reassurance with a 25-year vessel warranty

Durable, corrosion resistant duplex stainless steel for **long-term performance**

Corrugated heating coil designed to support **efficient heat transfer**

Available in sizes up to 300 Litres hot water capacity **to suit higher household demand**

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

UK manufacturing with quality at its core

Compression fittings included as standard

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

UK Made

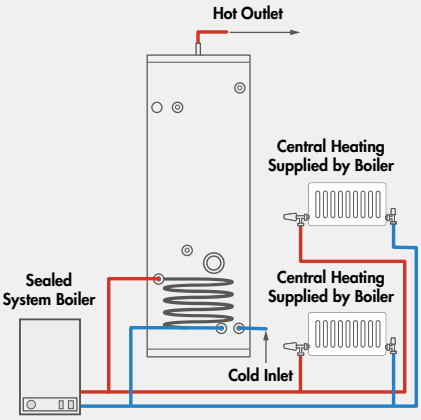


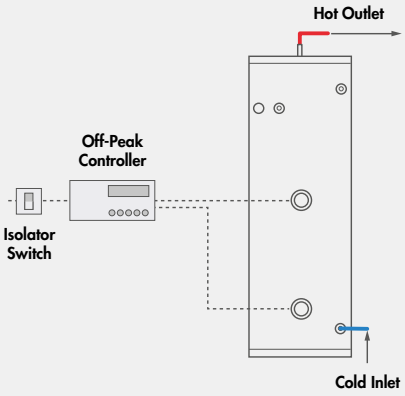
Standard Indirect

UK Made



Standard Direct





Standard Cylinders	
Direct Cylinders	
IDEINSDR120	120 Litre Unvented Cylinder
IDEINSDR150	150 Litre Unvented Cylinder
IDEINSDR170	170 Litre Unvented Cylinder
IDEINSDR200	200 Litre Unvented Cylinder
IDEINSDR250	250 Litre Unvented Cylinder
IDEINSDR300	300 Litre Unvented Cylinder
Indirect Cylinders	
IDEINSIN120	120 Litre Unvented Cylinder
IDEINSIN150	150 Litre Unvented Cylinder
IDEINSIN170	170 Litre Unvented Cylinder
IDEINSIN200	200 Litre Unvented Cylinder
IDEINSIN250	250 Litre Unvented Cylinder
IDEINSIN300	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

For further technical information please visit **www.instinctproducts.co.uk**

Guarantees

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

Cylinders



Slimline Indirect



Slimline Direct

Ideal Instinct Slimline Cylinders

Long-term reassurance with a 25-year vessel warranty

Durable, corrosion resistant duplex stainless steel for **long-term performance**

Corrugated heating coil designed to support **efficient heat transfer**

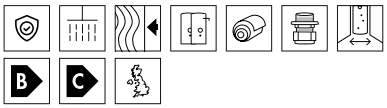
Available in **sizes up to 210 Litres**

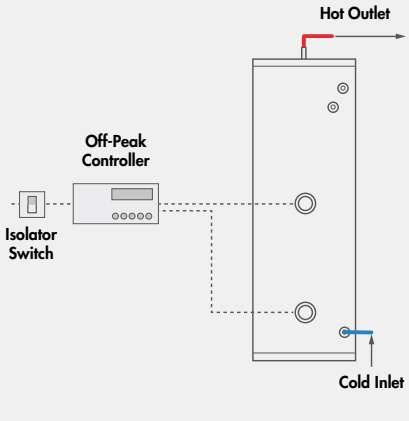
Reduced diameter of 475mm **for smaller properties and space limitations**

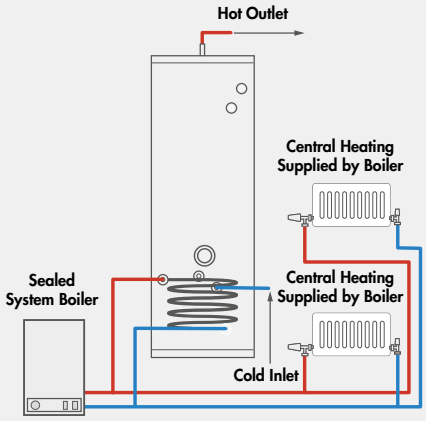
UK manufacturing with quality at its core

Compression fittings included as standard

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







Slimline Cylinders	
Direct Cylinders	
IDEINSDR120SL	120 Litre Slimline Unvented Cylinder
IDEINSDR150SL	150 Litre Slimline Unvented Cylinder
IDEINSDR180SL	180 Litre Slimline Unvented Cylinder
IDEINSDR210SL	210 Litre Slimline Unvented Cylinder
Indirect Cylinders	
IDEINSIN120SL	120 Litre Slimline Unvented Cylinder
IDEINSIN150SL	150 Litre Slimline Unvented Cylinder
IDEINSIN180SL	180 Litre Slimline Unvented Cylinder
IDEINSIN210SL	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

HENRAD
Stelrad Group plc

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

Radiators

Guarantees

Years **10**
on Henrad Compact Radiators

Henrad Compact Radiators

With a slim profile and smooth, white finish, Henrad 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.

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

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

Finish – White
Dimensions – See page opposite

SLIM STEEL Tested 10 Bar

Single Convector Type 11

Single Convector Type 21

Double Convector Type 22



Single Convector Type 11



Single Convector Type 21



Double Convector Type 22



Double Convector Type 22

For further technical information please visit **www.henrad.co.uk**

Guarantees

10 Years on Henrad Compact Radiators

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	1440	**2012204**	548	1871
	500	**2011105**	378	1290	**2012105**	528	1800	**2012205**	686	2339
	600	**2011106**	454	1548	**2012106**	633	2160	**2012206**	823	2807
	700	**2011107**	529	1806	**2012107**	739	2520	**2012207**	960	3274
	800	**2011108**	605	2064	**2012108**	844	2880	**2012208**	1097	3742
	900	**2011109**	680	2322	**2012109**	950	3240	**2012209**	1234	4210
	1000	**2011110**	756	2579	**2012110**	1055	3600	**2012210**	1371	4678
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

HENRAD
Stelrad Group plc

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

Radiators

Guarantees

Years **10**
on Henrad Compact Radiators

Henrad Compact Radiators

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


Single Convector Type 11

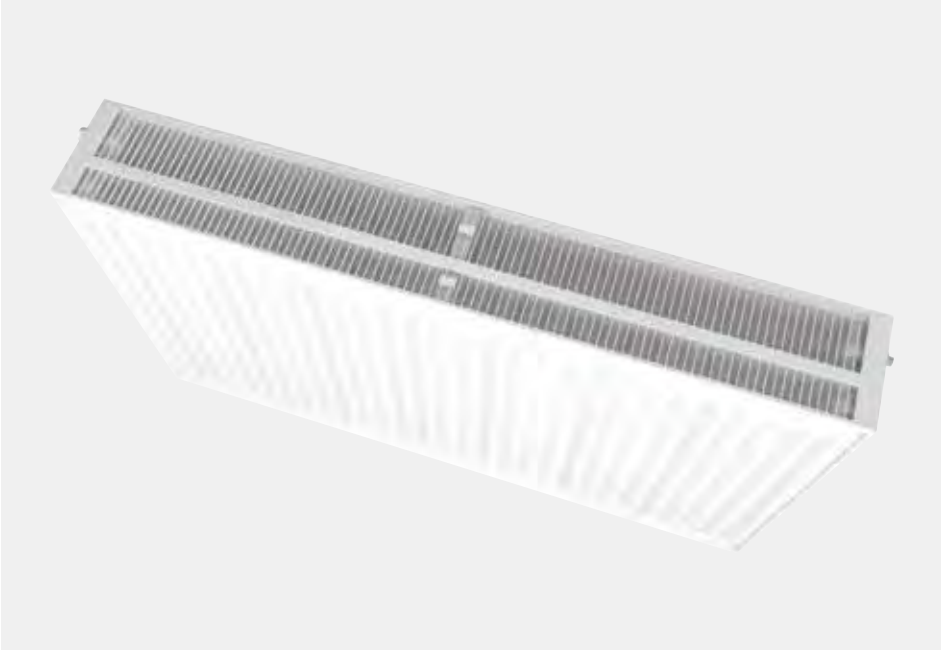

Double Convector Type 22



Guarantees

10 **Years**
on Henrad Compact K3 Radiators

Radiators





Triple Convector Type 33

Henrad Compact K3 Radiators

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

Henrad Compact K3 has 4 x ½" BSP connections as standard

Safety tested to withstand 10 Bar

Finish – Traffic white (RAL9016)
Dimensions – See below

STEEL Tested 10 Bar

Compact K3 Radiators

Height	Length	Henrad Code	Heat Emissions Watts	Btu/hr
300	1000	**2033310**	1349	4603
	2000	**2033320**	2698	9206
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

Stelrad

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

Towel Rails

Guarantees

Years 10 on Stelrad Straight Towel Rails

Stelrad 25mm Straight Towel Rails

25mm round tubes for a **higher heat output for effective bathroom heating**

A choice of classic chrome or contemporary white, **versatile finishes**

Flexible sizing for different bathroom spaces

Ideal For Bathrooms and Kitchens, **practical heating and towel drying in one**

Safety tested to withstand 8 Bar

Material – Mild Steel
Finish – Chrome or White
Dimensions – See table below, all sizes options have a depth of 100mm
All heat outputs are shown at 50°C ΔT in compliance with BSEN442

MS H

25mm		Chrome Finish				White Finish			
Height	Width	Instinct Code		Watts	Btu/hr	Instinct Code		Watts	Btu/hr
800	300	NEW	610027	167	570	NEW	610042	245	836
	400	NEW	610028	206	703	NEW	610043	305	1041
	500	NEW	610029	244	833	NEW	610044	365	1245
	600	NEW	610030	283	966	NEW	610045	426	1454
1000	500	NEW	610031	304	1037	NEW	610046	459	1566
	600	NEW	610032	355	1211	NEW	610047	535	1825
1200	300	NEW	610033	232	792	NEW	610048	362	1235
	400	NEW	610034	296	1010	NEW	610049	454	1549
	500	NEW	610035	359	1225	NEW	610050	546	1863
	600	NEW	610036	423	1443	NEW	610051	638	2177
1500	500	NEW	610037	453	1546	NEW	610052	692	2361
	600	NEW	610038	532	1815	NEW	610053	808	2757
1800	400	NEW	610039	453	1546	NEW	610054	695	2371
	500	NEW	610040	547	1866	NEW	610055	836	2852
	600	NEW	610041	641	2187	NEW	610056	977	3334



1800 x 500mm, Chrome 25mm Straight Towel Rails



1200 x 500mm, White 25mm Straight Towel Rails



1800 x 500mm, White 25mm Straight Towel Rails

For further technical information please visit **www.stelrad.co.uk**

Guarantees

10 **Years**
on Stelrad Straight Towel Rails

Towel Rails



1200 x 500mm, Chrome 22mm Straight Towel Rails



1200 x 500mm, Chrome 22mm Straight Towel Rails

Stelrad 22mm Straight Towel Rails

22mm round tubes for a **slimline design** with **excellent heat distribution**

Clean, contemporary style for any bathroom

Seven flexible height choices for different spaces

Effective warmth for **bathrooms and ensuites**

Safety tested to withstand 8 Bar

Material – Mild Steel
Finish – Chrome
Dimensions – See table below, all sizes options have a depth of 100mm
All heat outputs are shown at 50°C ΔT in compliance with BSEN442

MS **H**

22mm		Chrome Finish			
Height	Width	Instinct Code		Watts	Btu/hr
600	400	NEW	**610001**	158	539
	500	NEW	**610002**	190	648
	600	NEW	**610003**	223	761
800	300	NEW	**610004**	149	508
	400	NEW	**610005**	187	638
	500	NEW	**610006**	225	768
	600	NEW	**610007**	264	901
	750	NEW	**610008**	321	1095
1000	300	NEW	**610009**	186	635
	400	NEW	**610010**	233	795
	500	NEW	**610011**	280	955
	600	NEW	**610012**	327	1116
1200	300	NEW	**610013**	224	764
	400	NEW	**610014**	283	966
	500	NEW	**610015**	342	1167
	600	NEW	**610016**	401	1368
	750	NEW	**610017**	490	1672
1400	500	NEW	**610018**	389	1327
	600	NEW	**610019**	457	1559
1600	400	NEW	**610020**	374	1276
	500	NEW	**610021**	453	1546
	600	NEW	**610022**	532	1815
1800	400	NEW	**610023**	427	1457
	500	NEW	**610024**	516	1761
	600	NEW	**610025**	605	2064
	750	NEW	**610026**	739	2521

Controls

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Our frequently ordered Controls products...

BEST SELLER



77
15mm Angled TRV (Twin Pack)



76
15mm Angled TRV (Matt Black)



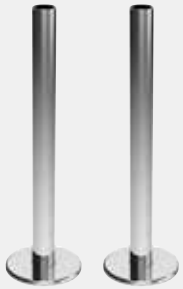
76
15mm Angled TRV (Brushed Brass)



76
15mm Angled TRV (Polished Chrome)



78
Contemporary 15mm Valve (Polished Chrome)



76
15mm Pipe Connection Tubes (Chrome)

Icon Key

Our handy icon key helps you quickly recognise key product features and choose the product that suits you best.

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

Switch things up.

Isolate the mains with the flick of a switch.



surestop®

Solution for vulnerable tenants and people with reduced mobility

Easy to install. No electrical supply required

surestop.co.uk

Thermostatic Radiator Valves (TRVs)

Guarantees

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

Modern Thermostatic Radiator Valves (TRVs)



Chrome (½" x 15mm)

Dimensions –
136(h) x 68(w) x 40(d) mm (Angled)
84(h) x 118(w) x 40(d) mm (Straight)
78(h) x 115(w) x 65(d) mm (Corner)

INCNT004AP-CP	Angled Valve
INCNT004ST-CP	Straight Valve
INCNT024	Corner Valve



Matt Black (½" x 15mm)

Dimensions –
136(h) x 68(w) x 40(d) mm (Angled)
84(h) x 118(w) x 40(d) mm (Straight)
78(h) x 115(w) x 65(d) mm (Corner)

INCNT004AP-BL	Angled Valve
INCNT004ST-BL	Straight Valve
INCNT024-BL	Corner Valve



Anthracite (½" x 15mm)

Dimensions –
136(h) x 68(w) x 40(d) mm (Angled)
84(h) x 118(w) x 40(d) mm (Straight)
78(h) x 115(w) x 65(d) mm (Corner)

INCNT004AP-AT	Angled Valve
INCNT004ST-AT	Straight Valve
INCNT024-AT	Corner Valve

15mm Thermostatic Radiator Valves (TRVs)



Chrome (Twin Pack)

Dimensions –
130(h) x 42(w) x 65(d) mm (Angled)
120(h) x 47(w) x 86(d) mm (Straight)

15PACKACP.1	Angled Valve
15PACKSCP.1	Straight Valve



Classic Polished Chrome (Twin Pack)

Dimensions –
139(h) x 56(w) x 55(d) mm

INST-AL055LC	Angled Valve



Brushed Brass (½" x 15mm)

Dimensions –
136(h) x 68(w) x 40(d) mm

INCNT004AP-ZBBS	Angled Valve

15mm Pipe Connection Tubes (Pair)



Chrome

Dimensions –
150(h) x 15(w) x 15(d) mm

INCNT005-C



Matt Black

Dimensions –
150(h) x 15(w) x 15(d) mm

INCNT005-MB



Anthracite

Dimensions –
150(h) x 15(w) x 15(d) mm

INCNT005-AT



Gloss White

Dimensions –
150(h) x 15(w) x 15(d) mm

INCNT005-GW

Guarantees

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

Thermostatic Radiator Valves (TRVs)

Angled (TRVs)

BEST SELLER



White (15mm – Twin Pack)

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

Max 110°C | Max 10 Bar

15PACKAWHCP.1 Angled Valve



White (10mm – Twin Pack)

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

Max 110°C | Max 10 Bar

10PACKAWHCP Angled Valve



White (15mm)

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

Max 110°C | Max 10 Bar

15TRVAWHCP Angled Valve



White (10mm)

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

Max 110°C | Max 10 Bar

10TRVAWHCP Angled Valve

Straight (TRVs)



White (15mm – Twin Pack)

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

Max 110°C | Max 10 Bar

15PACKSWHCP.1 Straight Valve

One Piece Reducing Bullet



Brass (15 x 10mm)

Dimensions –
30(h) x 50(w) x 60(d) mm

1510RED



Designer Radiator Valves

Guarantees

Year on Designer Radiator Valves **1**

Contemporary / Traditional Radiator Valves



Contemporary, Polished Chrome (15mm – Pair)

Dimensions –
90.5(h) x 75(w) x 32(d) mm (Angled)
75(h) x 87.5(w) x 32(d) mm (Straight)
75(h) x 60(w) x 75(d) mm (Corner)

INST-AL025LC	Angled Valve
INST-AL024LC	Straight Valve
INST-AL029LC	Corner Valve



Square, Polished Chrome (15mm – Pair)

Dimensions –
82(h) x 76(w) x 30(d) mm (Angled)
64(h) x 95(w) x 30(d) mm (Straight)

INST-AL030LC	Angled Valve
INST-AL031LC	Straight Valve



Traditional, Polished Chrome (½" x 15mm – Pair)

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

INST-AL034LC	Angled Valve

Coloured Valves



Matt Black (½" x 15mm)

Dimensions –
83(h) x 75(w) x 30(d) mm (Angled)
78(h) x 75(w) x 30(d) mm (Straight)
73(h) x 70(w) x 70(d) mm (Corner)

INCNT003AP-ZMB	Angled Valve
INCNT003ST-ZMB	Straight Valve
INCNT023-MB	Corner Valve



Anthracite (½" x 15mm)

Dimensions –
83(h) x 75(w) x 30(d) mm (Angled)
78(h) x 75(w) x 30(d) mm (Straight)
73(h) x 70(w) x 70(d) mm (Corner)

INCNT003AP-ZAT	Angled Valve
INCNT003ST-ZAT	Straight Valve
INCNT023-AT	Corner Valve



Gloss White (½" x 15mm)

Dimensions –
83(h) x 75(w) x 30(d) mm (Angled)
78(h) x 75(w) x 30(d) mm (Straight)

INCNT003AP-GW	Angled Valve
INCNT003ST-GW	Straight Valve

Elements



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

INST-AL049LC

½" M & F Dual Fuel Elbow

Finish – Chrome

DFE12





Towel Rail Element (Inc. Tee Piece + ½" Plug)

Suitable for both dual-fuel and electric only
Maintains liquid temperature between 40-54°C

TRE150	150W	**TRE600**	600W
TRE250	250W	**TRE800**	800W
TRE400	400W		



Guarantees

1 **Year** on Manual Radiator Valves

Manual Radiator Valves

Angled Manual Radiator Valves



15 + 10mm Angled Manual Radiator Valve

Finish – Chrome / White
Dimensions –
31(h) x 72(w) x 70(d) mm (ER-15MMVAL)
31(h) x 70(w) x 73(d) mm (ER-10MMVAL)

Max 85°C | Max 20 Bar

ER-15MMVAL	15mm Angled Manual Valve
ER-10MMVAL	10mm Angled Manual Valve



15 + 10mm Angled Manual Radiator Valve (Drain Off)

Finish – Chrome / White
Dimensions –
31(h) x 75(w) x 88(d) mm (ER-15MMDOVAL)
32(h) x 82(w) x 82(d) mm (ER-10MMDOVAL)

Max 85°C | Max 20 Bar

ER-15MMDOVAL	15mm Angled Manual Valve (Drain Off)
ER-10MMDOVAL	10mm Angled Manual Valve (Drain Off)

GREAT VALUE



15 + 10/8mm Angled Lockshield Manual Radiator Valve

Finish – Chrome / White
Dimensions –
35(h) x 78(w) x 75(d) mm (CEMMRV15)
35(h) x 78(w) x 69(d) mm (CEMMRV10-8)

Max 85°C | Max 20 Bar

CEMMRV15	15mm Angled Lockshield Manual Valve
CEMMRV10-8	10/8mm Angled Lockshield Manual Valve



15 + 10/8mm Angled Lockshield Manual Radiator Valve (Drain Off)

Finish – Chrome / White
Dimensions –
29(h) x 85(w) x 91(d) mm (CEMDRN15)
29(h) x 85(w) x 91(d) mm (CEMDRN10-8)

Max 85°C | Max 20 Bar

CEMDRN15	15mm Angled Lockshield Manual Valve (Drain Off)
CEMDRN10-8	10/8mm Angled Lockshield Manual Valve (Drain Off)

Straight Manual Radiator Valves



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 Straight Manual Valve

Ancillaries



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	



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	

Thermostatic Mixing Valves (TMVs)

Guarantees

Year 1
on Thermostatic Mixing Valves (TMVs)

Anti-Scald

WRAS Approved



15mm TMV2 / 3 Thermostatic Mixing Valve

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

50° 30° | Max 85°C | Min 0.2 Bar | Max 10 Bar

40015CBA

Anti-Scald

WRAS Approved



22mm TMV2 / 3 Thermostatic Mixing Valve

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

50° 30° | Max 85°C | Min 0.2 Bar | Max 10 Bar

40022CBA

Anti-Scald

WRAS Approved



15mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)

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

50° 30° | Max 85°C | Min 0.2 Bar | Max 10 Bar

400MX15CBA

Anti-Scald

WRAS Approved



22mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)

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

50° 30° | Max 85°C | Min 0.2 Bar | Max 10 Bar

400MX22CBA

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SCAN TO EXPLORE

Water Treatment

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Our frequently ordered Water Treatment products...

BEST SELLER | Prevents Limescale | Prevents Corrosion



88
Instinct Pro IN-100 Concentrate Corrosion Inhibitor

Removes Debris | Non-Hazardous



88
Instinct Pro IN-300 Concentrate System Cleaner

Triple Filtration | 12000 Gauss Magnet | Easy Dosing | Full Flow



92
Instinct 22mm + 28mm Magnetic Filter (with Isolation Valves)

Icon Key

Our handy icon key helps you quickly recognise key product features and choose the product that suits you best.

- GB — Manufactured in Great Britain
- Manufactured Using Patented Technologies
- Easy to Install and Maintain
- Cost Saving Product
- 100 Litres — Dosing Amount – Up to 100 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 + Fungal 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 — Min. Operating Pressure
- Max 4 Bar — Max. Operating Pressure
- Min 90°C — Min. Operating Temperature
- Max 120°C — Max. Operating Temperature

Guarantees

2 **Years**
on Instinct Pro Scale Inhibitors

Scale Inhibitors

Easy to Install | Chemical Free | Power Free | WRAS Approved



Instinct Pro 15mm Magnetic Scale Inhibitor

Easy to Install | Chemical Free | Power Free | WRAS Approved



Instinct Pro 15mm Electrolytic Scale Inhibitor

Easy to Install | Single Protection | UK Made | WRAS Approved



Instinct Pro 22mm Magnetic Scale Inhibitor

Easy to Install | Home Protection | UK Made | WRAS Approved



Instinct Pro 22mm Electrolytic Scale Inhibitor

Instinct Pro Magnetic Scale Inhibitors

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%.

Easily installed, slip couplings for easy fit

No moving parts, **no maintenance required**

Needs no chemicals or power, earth bonding not required

Made in the UK with Scalemaster® patented technology

Single appliance protection

Saves on energy costs

Finish – Green
Dimensions –
130(l) x 28(d) mm (403328)
136(l) x 35(d) mm (403335)

GB WRAS

403328	Instinct Pro 15mm Magnetic Scale Inhibitor
403335	Instinct Pro 22mm Magnetic Scale Inhibitor

Instinct Pro Electrolytic Scale Inhibitors

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%.

Easily installed, slip couplings for easy fit

No moving parts, **no maintenance required**

Needs no chemicals or power, earth bonding not required

Made in the UK with Scalemaster® patented technology

Whole house protection

Saves on energy costs

Finish – Blue
Dimensions –
130(l) x 28(d) mm (403342)
136(l) x 32(d) mm (403359)

GB WRAS

403342	Instinct Pro 15mm Electrolytic Scale Inhibitor
403359	Instinct Pro 22mm Electrolytic Scale Inhibitor

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

Water Softeners (Electric)

Guarantees

Years **5** Parts

Years **3** Labour on BWT Softlux Water Softeners

Year **1** on BWT Bon Aqua Water Softeners

BWT Softlux Water Softeners



BWT Softlux 10 Litre Water Softener

For homes up to 4 people where space is at a premium

Electronic control system, softener adapts to your Lifestyle, **Tablet or Block Salt* can be used (*SL10P only)**

Low voltage control system for safety and ease of installation

Finish – White
Dimensions – 532(h) x 270(w) x 480(d) mm
Water used per regeneration – <75Litres

Min 1.7 Bar | Max 5 Bar | GB | WRAS

SL10 With 15mm Install Kit

SL10P With 22mm Install Kit (with 22mm Hi-Flow Hoses)



BWT Softlux 14 Litre Water Softener

For homes up to 6 people with multiple bathrooms

Electronic control system, softener adapts to your Lifestyle, **Tablet or Block Salt* can be used (*SL14P only)**

Low voltage control system for safety and ease of installation

Finish – White
Dimensions – 602(h) x 270(w) x 480(d) mm
Water used per regeneration – <80Litres

Min 1.7 Bar | Max 5 Bar | GB | WRAS

SL14 With 15mm Install Kit

SL14P With 22mm Install Kit (with 22mm Hi-Flow Hoses)



BWT Softlux 20 Litre Water Softener

For larger homes up to 8 people with multiple bathrooms

Electronic control system, softener adapts to your Lifestyle, **Tablet Salt can be used**

Low voltage control system for safety and ease of installation

Finish – White
Dimensions – 804(h) x 270(w) x 480(d) mm
Water used per regeneration – <125Litres

Min 1.7 Bar | Max 5 Bar | GB | WRAS

SL20 With 15mm Install Kit



BWT Softlux 25 Litre Water Softener

For larger homes up to 10 people with multiple bathrooms

Electronic control system, softener adapts to your Lifestyle, **Tablet Salt can be used**

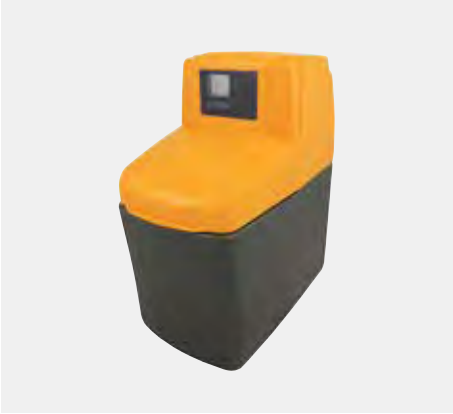
Low voltage control system for safety and ease of installation

Finish – White
Dimensions – 804(h) x 270(w) x 480(d) mm
Water used per regeneration – <145Litres

Min 1.7 Bar | Max 5 Bar | GB | WRAS

SL25 With 15mm Install Kit

BWT Bon Aqua Water Softeners



BWT Bon Aqua 10 Litre Water Softener

For homes up to 4 people with multiple bathrooms

Meter controlled, **Tablet Salt can be used**

Finish – Orange + Black
Dimensions – 532(h) x 270(w) x 480(d) mm
Water used per regeneration – <75Litres

Min 1.7 Bar | Max 5 Bar | GB

CILSOFT45 With 15mm Install Kit

CILSOFT45-NK Without 15mm Install Kit



BWT Bon Aqua 15 Litre Water Softener

For homes up to 6 people with multiple bathrooms

Meter controlled, **Tablet Salt can be used**

Finish – Orange + Black
Dimensions – 602(h) x 270(w) x 480(d) mm
Water used per regeneration – <80Litres

Min 1.7 Bar | Max 5 Bar | GB

CILSOFT55 With 15mm Install Kit

CILSOFT55-NK Without 15mm Install Kit

For further technical information please visit **www.bwt.com**

Guarantees

2 Years on Scalemaster® Water Softeners

Water Softeners (Non-Electric)

Scalemaster® Water Softeners



Scalemaster® Softline SL-S Water Softener

For homes up to 2 bathrooms

Low salt and water usage

Tablet or Block Salt can be used

No Electricity Required

Finish – Black + Blue
Dimensions – 492(h) x 235(w) x 425(d) mm
Water used per regeneration – <25Litres

Min 1.5 Bar | Max 6 Bar | WRAS

900292	Single Tank



Scalemaster® Softline SL-150 Water Softener

For homes up to 2 bathrooms

Low salt and water usage

Tablet or Block Salt can be used

No electricity or separate installation kit required

Finish – Black + Blue
Dimensions – 470(h) x 240(w) x 483(d) mm
Water used per regeneration – <18Litres

Min 1 Bar | Max 6 Bar

900100	Single Tank (15mm Standard)
900131	Single Tank (22mm Hi-Flow)


Softline SL-150 Single Tank



Scalemaster® Softline SL-Twin Water Softener

Twin Tank design gives continuous, uninterrupted soft water

For homes up to 3 bathrooms with pressurised systems

Low salt and water usage

Tablet or Block Salt can be used

No Electricity Required

Finish – Grey + Black
Dimensions – 495(h) x 205(w) x 475(d) mm
Water used per regeneration – <23Litres

Min 1.2 Bar | Max 6 Bar | WRAS

900322	Twin Tank



Scalemaster® Softline SL-X Water Softener

For homes up to 4 bathrooms

Low salt and water usage

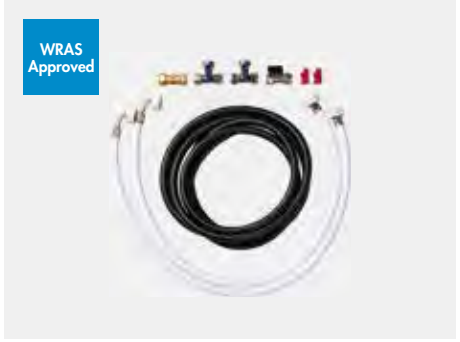
Tablet or Block Salt can be used

No Electricity Required

Finish – Black + Blue
Dimensions – 576(h) x 343(w) x 547(d) mm
Water used per regeneration – <25Litres

Min 1.5 Bar | Max 6 Bar | WRAS

900308	Single Tank



Scalemaster® 15mm Standard Installation Kit

Finish – White + Black
WRAS Approval – Hoses only
Dimensions – 323(h) x 137(w) x 315(d) mm

WRAS

900803	15mm Standard Installation Kit



Scalemaster® 22mm Hi-Flow Installation Kit

Finish – Stainless Steel + Black
WRAS Approval – Hoses only
Dimensions – 323(h) x 137(w) x 315(d) mm

WRAS

900810	22mm Hi-Flow Installation Kit

INSTINCT® | PRO

in partnership with Scalemaster®

Complete Range Available

The perfect concentration for reliable results



SCAN ME TO FIND YOUR NEAREST STOCKIST

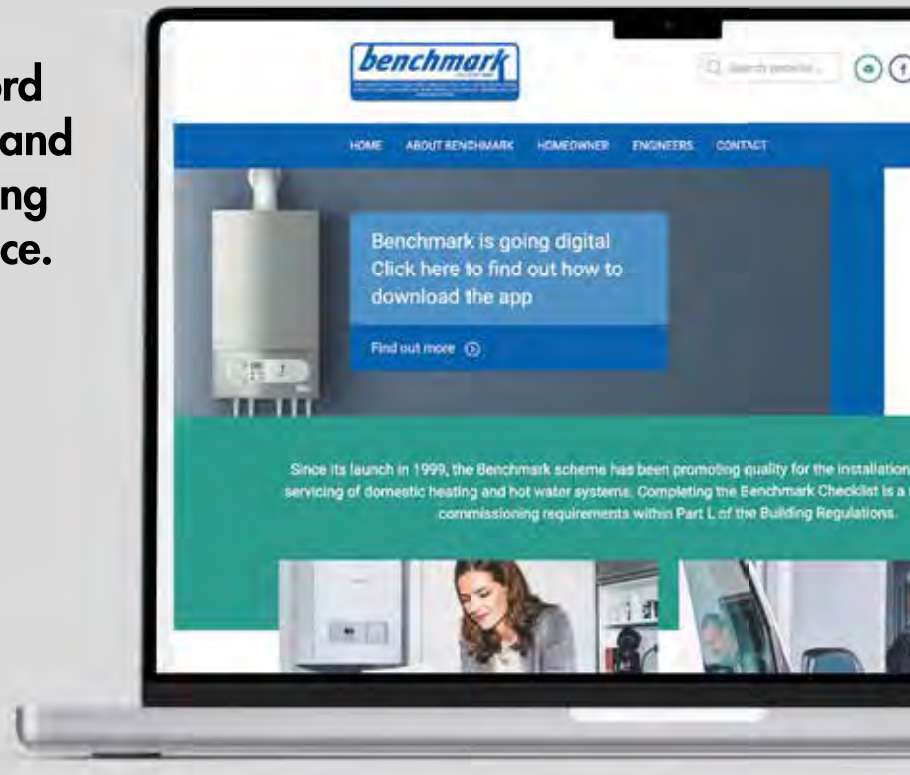
INSTINCT® | PRO

benchmark COLLECTIVE MARK

Benchmark is going digital.

Instinct Pro is Ready.

Benchmark's new Portal and App create a single digital record for installation, commissioning and maintenance, supporting Building Regulations and MCS compliance.



Test
Verify inhibitor levels with **Instinct Pro Rapid Test Strips** or **Scalemaster i-test**

Record
Save test results in the **Scalemaster i-test App**

Upload
Upload results directly to the **Benchmark Portal**

Report
Select **Instinct Pro Chemicals** within Benchmark when recording products used

Are you ready for the digital future of heating?
scan to find out more

Chemicals

Instinct Pro Heating System Chemicals

Instinct Pro IN-100 Corrosion Inhibitor

Prevents corrosion and hard water limescale precipitation

Essential for protecting hot water heating systems and maintaining operational efficiency

Treats 100 Litres/10 radiators per 250ml.
250ml – 100 Litres/10 radiator
300ml – 120 Litres/12 radiator
5 Litre – 2000 Litres/200 radiator

Dimensions –
250(h) x 55(w) x 55(d) mm (504513)
137(h) x 72(w) x 49(d) mm (504223)
275(h) x 175(w) x 125(d) mm (504582)

504513	300ml Aerosol
504223	250ml Bottle
504582	5 Litre Bottle (Concentrated)





Scalemaster® i-Test Inhibitor Tester

Provides full annual testing compliance with BS7593:2019 in under 5 minutes.

Works with all chemical inhibitors

Dimensions – 108(h) x 145(w) x 50(d) mm

506104	Scalemaster® i-Test Inhibitor Tester
506111	10 Replacement Probes
506128	50 Replacement Probes



Instinct Pro Rapid Inhibitor Test Strips

Rapid testing of central heating inhibitor concentration

Works with Instinct inhibitors and all other Nitrate based inhibitors

Dimensions – 85(h) x 45(w) x 40(d) mm

504803	50 Test Strips



Instinct Pro 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

Treats 100 Litres/10 radiators per 250ml.
250ml – 100 Litres/10 radiator
300ml – 120 Litres/12 radiator
5 Litre – 2000 Litres/200 radiator

Dimensions –
250(h) x 55(w) x 55(d) mm (504520)
137(h) x 72(w) x 49(d) mm (504247)
275(h) x 175(w) x 125(d) mm (504599)

504520	300ml Aerosol
504247	250ml Bottle
504599	5 Litre Bottle (Concentrated)



Chemicals

Instinct Pro Heating System Chemicals

Instinct Pro 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)

GB



504537 300ml Aerosol

504261 250ml Bottle



Instinct Pro Leak Sealer Paste

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

504384 50g



Instinct Pro IN-200 Boiler Noise Silencer

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

100 Litres | 10 Rads | GB

504230 250ml Bottle



Instinct Pro IN-400 Sludge Remover

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

100 Litres | 10 Rads | GB

504254 250ml Bottle



Instinct Pro IN-600 Heat Optimiser

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

100 Litres | 10 Rads | GB

504278 250ml Bottle



Instinct Pro IN-700 System Biocide

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

100 Litres | 10 Rads | GB

504285 250ml Bottle



Instinct Pro IN-800 Power Cleaner

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

100 Litres | 10 Rads | GB

504292 250ml Bottle



Instinct Pro Chemical Filling Kit

For use with 250mm + 5 litre bottles, **fits all 38mm (38/23) neck bottles**

Allows visual checks on flow of liquid

Acute tube bend radius **prevents kinks and allows use in tight spaces**

Dimensions – 144(h) x 42(w) x 42(d) mm

701332

Chemicals

Instinct Pro Miscellaneous Chemicals

Rapid Action
Effective Cleaning



Instinct Pro Heavy Duty Drain Cleaner

Strong solution which **clears drains of grease, oils, fat and hair rapidly**

Can be used in domestic and commercial applications

Dimensions – 248(h) x 84(w) x 84(d) mm

GB

504780 1 Litre Bottle

Enzyme Based
Odour Control
Non-Acidic
Non-Caustic



Instinct Pro Drain + Toilet Cleaner (Enzyme Based)

Effective enzyme-based treatment **to clean and eliminate unwanted odours**

Non-acidic, non-caustic, non-bleach and biodegradable

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

GB

504636 750ml Bottle

Enzyme Based
Drain Unblocker
Non-Acidic
Non-Caustic



Instinct Pro Sink + Drain Unblocker (Enzyme Based)

Effective enzyme-based treatment for **unblocking sinks and drains**

Non-acidic, non-caustic, non-bleach and biodegradable

Dimensions – 248(h) x 84(w) x 84(d) mm

GB

504629 1 Litre Bottle

Rapid Action
Multiple Purpose



Instinct Pro General Purpose Descaler

Multi-purpose, biodegradable, phosphate-free, rapid action de-scaler, no nasty odours

Saves energy

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

GB

504612 250ml Bottle

Corrosion Protection
Freeze Protection



Instinct Pro Inhibited Antifreeze (Concentrated)

Long term **protection against corrosion and limescale**

Use in central heating systems, underfloor heating, heat pumps and solar panels

Dimensions –
275(h) x 175(w) x 125(d) mm (504711)
440(h) x 275(w) x 235(d) mm (504728)

GB

504711 5 Litre Bottle

504728 25 Litre Bottle

Pre-Mixed
Freeze Protection
System Protection



Instinct Pro Towel Rail Antifreeze (Pre-Mixed)

Protects against burst pipes down to -29°C

Includes added corrosion and limescale inhibitors

Dimensions – 248(h) x 84(w) x 84(d) mm

GB

504773 1 Litre Bottle

Guarantees

1 Year on BWT Powder Chemicals

Chemicals

BWT Powder Chemicals



BWT Power Crystals Cleaner

BWT Power Crystals are a quick and effective cleaner for all types of wet central heating systems. They offer the power of a liquid in an easy to carry sachet of crystals. Their powerful formula make them ideal for quick and more intensive cleaning when required. They have been developed to remove all debris, sludge, and scale from new and existing closed loop systems. A cleaner system will help restore your heating systems efficiency and reduce boiler noise.

Suitable for closed loop, wet central heating systems

Reduced risk from manual handling and reduced risk of contamination from spills (compared to similar liquid products)

Resistant to high and **low temperatures**

1 dose treats heating systems up to 150 litres

Descales, deoxidises and **removes sludge**

Fast, clean and **convenient to use**

Easy to transport, carry, and **store**

Perfect for new and existing systems

Less plastic, packaging and carbon foot print (per treatment)

Up to 50% more cleaning capacity per pack*

Slow and fast clean in one

POWERCRYSTALSCLEANER BWT Power Crystals Cleaner (3 Sachets Per Pack)

**Based on the size of system to be treated when compared to similar products*



BWT Power Crystals Protector

BWT Power Crystals are a quick and effective inhibitor and system protector suitable for all types of wet central heating systems. They offer the protection power of a liquid in an easy to carry sachet of crystals. Their powerful formula make them ideal for systems up to 150 litres from a single dose. They have been developed to protect new and existing closed loop systems from scale and corrosion. A cleaner system will help maintain your heating systems efficiency and reduce system noise giving you peace of mind and a warmer home.

Suitable for closed loop, wet central heating systems

Reduced risk from manual handling and reduced risk of contamination from spills (compared to similar liquid products)

Helps prevent limescale, corrosion and **sludge**

Fast, clean and **convenient to use**

Easy to transport, carry, and **store**

Perfect for new and existing systems

Less plastic, packaging and carbon foot print (per treatment)

Up to 50% more volume protection per pack*

No risk of messy spills

POWERCRYSTALPROTECTOR BWT Power Crystals Protector

**Based on the size of system to be treated when compared to similar products*

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

Magnetic Filters

Guarantees

Years on Instinct Magnetic Filters **2**

- Triple Filtration
- 12000 Gauss Magnet
- Easy Dosing
- Full Flow
- Flexible Installation
- Never Blocks
- Spare Seals



Instinct 22mm Magnetic Filter

Instinct 22mm + 28mm Magnetic Filter (with 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.

Magnetic filter, non ferrous filter and manual air separator **actively filters magnetite and non ferrous debris**

12000 gauss removable magnet

500ml large dosing pot capacity enables installers to **quickly dose without having to drain down the whole system**

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

Supplied with a full set of spare sealing washers and O-rings

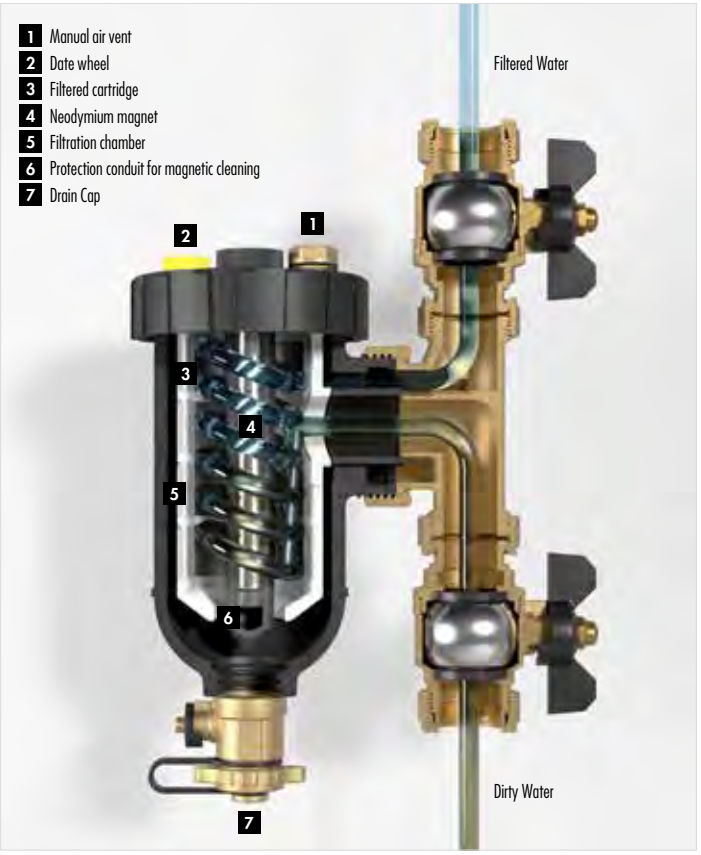
Full bore isolating ball valves on inlet and outlet connections ensures that full flow is always achieved to maintain system performance

Can be installed anywhere, in any orientation on the pipework saving the installer time and money

Finish – Black
Dimensions –
242(h) x 232(w) x 157(d) mm (INMAG22)
242(h) x 245(w) x 157(d) mm (INMAG28)

Max 120°C | Max 6 Bar

INMAG22	Instinct 22mm Magnetic Filter (with Isolation Valves)
INMAG28	Instinct 28mm Magnetic Filter (with Isolation Valves)
MAGFILTOOL	Spanner for INMAG Magnetic Filters



intafil COMBI

REVOLUTIONISES SEALED SYSTEM KITS



FILL, DRAIN, DONE.

With the NEW Intafil Combi, there's no need to drain down a central heating system to replace an expansion vessel.

This saves you time, saves money and saves you carrying a vessel full of dirty water through your customer's home.

inta **INTATEC.CO.UK**

SEE IT IN ACTION

intatec.co.uk/intafil-combi

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

Magnetic Filters

Guarantees

Years **10**
on Fernox Magnetic Filters

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

Compact Design

Space Saving

3-Way Valve

Robust Build

Full Flow

Easy to Maintain



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.

A high capacity, **compact design**

Ideal for use in restricted spaces

Integrated three way valve with filter isolation and cleaning functionality

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

Will not block or restrict flow

Can replace return valve if required for ease of maintenance

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

Max 100°C | Max 5 Bar

62631 Fernox TF1 Sigma UB Filter 22mm

Easy to Install

Compact Design

scan me



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.

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

Easy and **quick to install**

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

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

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

Max 100°C | Max 5 Bar

62708 Fernox TF1 Sigma Mini 22mm

PROTECT YOUR **SYSTEM**

PROTECT THE **PERFORMANCE**



Give **heat pumps** the protection they need this winter **with ADEY.**

From the *MagnaClean HP*® filter to *MC1+*® *Inhibitor* and *MC10+*® *Biocide*, ADEY® provides a complete water treatment solution designed to help protect heat pump systems and keep them performing efficiently.

Protection starts with better system water.
Choose ADEY.

ADEY®

adey.com

Consumables

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Our frequently ordered Consumable products...

BEST SELLER

Secure Guide

Light + Easy



103

Instinct Pro 15mm Pipe Bender (with INST1715 15mm Copper Pipe Cutter)



98

ROTHENBERGER ROMAX Compact III Press Tool

NEW

Flame Free



99

ROTHENBERGER MaxiPro Compact Press Jaws Set

NEW



101

ZUPPER® PZ-1550 Battery Powered Press Tool

NEW



113

Arctic Hayes 15+22mm SMART Solo Freeze Kit

Icon Key

Our handy icon key helps you quickly recognise key product features and choose the product that suits you best.

App Control

2s — 2 Second Press Cycle Time

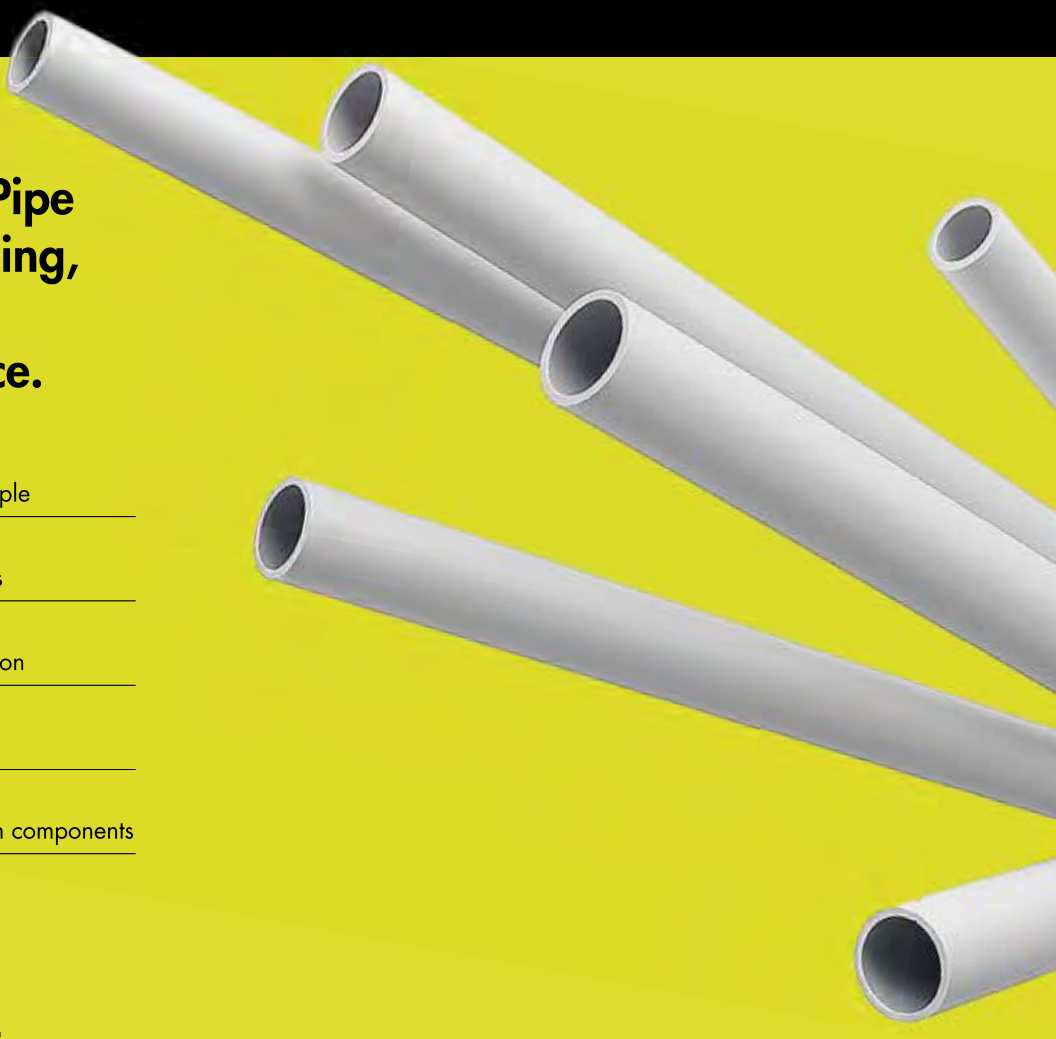
3s — 3 Second Press Cycle Time

20K 2Yrs — Service Interval

40K 2Yrs — Service Interval

INSTINCT® | PRO

Flexible Pipe. Faster Installation.



Instinct Pro Polybutylene Barrier Pipe is built for easy handling, fast installation and long-term performance.

Ultra-Flexible
Makes routing and installation fast and simple

Fewer Fittings
Reduces joints, labour and installation costs

Lays Flat
Stays flat after uncoiling for easier installation

Lightweight + Easy to Handle
Makes carrying and installation effortless

Oxygen Barrier
Helps prevent air ingress and protect system components

SCAN ME TO FIND YOUR NEAREST STOCKIST

ROTHENBERGER

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

Press Tools

Use bonus points that are packaged with the Compact III at www.rothenberger.com/gb-en/bonus-programme/ to claim a new battery FOC

Guarantees
Years on Rothenberger Press Tool **2**

App Connected
3 Second Pressing
Powerful Pressing
Balanced Design
Free First Service



Take a closer look at the ROMAX Compact III features video, scan to find out more

1000004333


Gain access to your COMPACT III and read out relevant Tool & Press Data via Smartphone in Real-Time


Perfectly balanced centre of gravity allows for comfortable work


With just 2.5kg of weight, overhead jobs will be effortless even over an extended period of time

ROTHENBERGER ROMAX Compact III

Smart Electro-Hydraulic Press Tool (battery-operated) for pressing of fittings up to 35mm (Metal) and / or 40mm (Plastic / Multilayer) with 19kN.

The ROMAX Compact III is 3 seconds fast, 2.5kg light and 19kN strong. Through the perfect handling, the machine is particularly suitable for domestic installations, high volume pressings or service installations.

Connected – Real-Time Data Gathering of Pressing Data and Creation of Job Reports via ROTHENBERGER App. Remote locking

Fast – thanks to turbo pressure a pressing takes only 3 seconds

Strong – presses metal fittings up to Ø35mm and multilayer up to Ø40mm

Handy – perfectly balanced, the centre of gravity is where the user holds the tool

Small + lightweight – with 34cm in length, the ROMAX Compact III weighs just 2.5kg

Tool Servicing – The first service is free!

Finish – Black / Red
Dimensions – 140(h) x 390(w) x 390(d) mm

40K 2 Yrs



1000004333

	1000004333	ROTHENBERGER ROMAX Compact 3 Press Crimping Tool + M Profile Jaw Set 15-22-28mm
	1000004285	ROTHENBERGER ROMAX Compact 3 Press Crimping Tool + U Profile Jaw Set 16-20-25mm
NEW	**1000002267**	ROTHENBERGER Press Jaw Compact, M35
NEW	**1000005055**	ROTHENBERGER Press Ring Set M15-22-28 + ZBR COMPACT

Specification	
Voltage	18 V
Working Area Diameter	12 – 40mm
Working Area Temperature	-10°C up to 60°C
Battery System	Li-Ion / Li-Po battery (rechargeable)
Press Jaw System	Press Jaw Compact
Piston Force	19kN
Time Press Cycle with Unit of Measurement	3 Seconds
Capacity Battery with Unit of Measurement	2Ah

For further technical information please visit **www.rothenberger.com**

Guarantees

2 Years on Rothenberger Press Tool

Press Tools

NEW

Flame Free

Secure Seal

Quick to Install



1000001989

ROTHENBERGER MaxiPro Compact Press Jaws Set 1/4"–1.1/8"

The >B< MaxiPro system is an innovative press system for the refrigeration industry. Refrigeration systems and heat pumps can be installed quickly, safely and inexpensively instead of connecting the copper pipes by brazing. Without the use of an open flame or the consideration of other precautions. In addition, the 3-point compression of the fitting ensures a secure and permanently tight connection to the pipe.

Flame Free – No open flame required for safer, simpler installation

Secure Seal – 3-point compression delivers a reliable, durable connection

Fast Installation – Quick, simple and cost-effective fitting

Finish – Black / Red

NEW **1000001989** ROTHENBERGER MaxiPro Compact Press Jaws Set 1/4"–1.1/8"

Kit Includes
7 × COMPACT MaxiPro Press Jaws for ¼", ⅜", ½", ⅝", ¾", 1" and 1⅛" pipe sizes
Inside + Outside Deburrer for 6–35mm pipe
Tube Cutter for 6–35mm pipe
Unigrat with HSS deburring blade
ROVLIES – 10 pieces
MaxiPro Marking Tool for marking the correct insertion depth on the pipe
ROCASE 4414 – the storage/carry case for the complete kit

NEW

Flame Free

Secure Seal

Quick to Install



1000003580

ROTHENBERGER MaxiPro Compact Press Jaws Set 1/4"–5/8"

The >B< MaxiPro system is an innovative press system for the refrigeration industry. Refrigeration systems and heat pumps can be installed quickly, safely and inexpensively instead of connecting the copper pipes by brazing. Without the use of an open flame or the consideration of other precautions. In addition, the 3-point compression of the fitting ensures a secure and permanently tight connection to the pipe.

Flame Free – No open flame required for installation

Secure Seal – 3-point compression provides a reliable, durable connection

Fast Installation – Quick, simple and cost-effective fitting

Finish – Black / Red

NEW **1000003580** ROTHENBERGER MaxiPro Compact Press Jaws Set 1/4"–5/8"

Kit Includes
4 × MaxiPro Press Jaws – ¼", ⅜", ½" and ⅝" sizes.
Protective Case – Supplied in a ROCASE 4414 for convenient storage and transport
Operating Instructions – Included for straightforward setup and use

ROTHENBERGER >B< MaxiPro Compact Press Jaws Compatibility

Compatibility Table		
Manufacturer	Model	Compatible
ROTHENBERGER	Compact TT / Compact 3.0	Yes
NOVOPRESS	ACO102 / ACO103	Yes
MILWAUKEE	M12 Force Logic	Yes
KLAUKE	MAP219	Yes
RIDGID	RP 219	Yes
HILTI	NPR 19-A	Yes

Take a closer look at the ROTHENBERGER MaxiPro Compact Press Jaws, scan to find out more

ZUPPER® TO BE YOUR PROUD TOOL

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

Press Tools

Guarantees

Years on ZUPPER® Press Tool **2**

Easy to Maintain | One-Key Control
Dust Protection | Press Indicator
Longer Runtime | OLED Display
Fast Pressing | Wide Capacity
Ergonomic Design | 40 Min. Charge Time



Take a closer look at the ZUPPER® MP-1930 features video, scan to find out more



ZUPPER® Battery Powered Mechanical Press Tool

Works with copper, stainless steel, PEX and multi-layer composite pipe and fittings. Kit includes hard outer case with strap.

The tool is **easier to do maintenance**

Enclosed screw structure prevents sand and dust

Brushless motor with **longer motor life and more run-time**

High efficiency screw drive, **faster pressing time**

Ergonomic design, **comfortable operation**

ONE-KEY control switch, **automatically completes press cycles**

Indicator light, with green indicating completion of press cycle, and red indicating press error or tool malfunction

OLED display shows battery percentage, press cycles, fault code, maintenance note

Capacity – Up to 35mm Stainless Steel pipe, Copper pipe.
Up to 40mm Plastic pipe, Multi-layer composite pipe

Finish – Black / Blue
Dimensions – 530(h) x 380(w) x 130(d) mm

2s | 20K 2Yrs

MLPM-1930	M Profile Kit
NEW **MLMP1962U**	U Profile Kit

Kit Includes

Outer Case, Crimp Tool, Jaws 15mm, 22mm + 28mm Charger, Two Batteries + Strap

Specification	
Output	19kN
Stroke	30mm
Press Cycle Time	2 Seconds
Battery	18V Li-Ion 2.0Ah
Battery Charger	AC 100V-240V 50-60Hz
Charging Time	Approx. 40mins
Weight	Approx. 2.4kg (tool with battery)

ZUPPER® 180° Jaw Adaptor Kit

Angled Jaws kit including carry case containing 180° Adaptor with 15mm, 22mm & 28mm M Profile Jaws to suit press tool MLPM-1930 only. Offers installers a versatile solution for installations in confined spaces via the angled adaptor and jaws allowing for a press restricted areas where a normal jaw cannot press properly decreasing the requirement to preset pipe runs and increases the flexibility of press tool to be used in all situations.

NEW **PFJAW180KIT**



Guarantees

2 Years on ZUPPER® Press Tool

Press Tools



ZUPPER® PZ-1550 Battery Powered Press Tool

PZ-1550 is the medium sized crimping tool with an impressive 32kN of force making it more than capable of use in mid sized commercial installations.

Up to 20% faster pressing than the previous model

Completes each **press cycle in just 3–4.5 seconds**

Over 350 press cycles per charge

Supplied with **two 18V 4.0Ah Li-ion batteries and charger**

OLED display with microcomputer control and double-valve hydraulic system

Capacity – 12–54mm (½"–2") for stainless steel pipe
12–108mm (½"–4") for PEX, Multi-layer and copper pipe

Finish – Black / Blue
Dimensions – 640(h) x 460(w) x 140(d) mm

3s 30K 2Yrs

Specification	
Output	32kN
Stroke	40mm
Press Cycle Time	Approx. 3-4.5 Seconds
Battery	18V Li-Ion 4.0Ah
Battery Charger	AC 100V-240V
Charging Time	Approx. 80mins
Weight	Approx. 3.9kg (tool with battery) Approx. 6.1kg (tool with battery + jaw)

Kit Includes

Z-Press Tool – Battery-powered press tool for professional use

M-Profile Jaws – 15–54mm M-Profile press jaws adaptor for 42mm and 54mm sling jaws included

Twin Batteries – Supplied with two batteries for extended use

Charger – Battery charger included

Carry Case – Convenient storage and transport

NEW **PZ1550** M Profile Kit

Plumbing Tools

Guarantees

Year on Plumbing Tools **1**

Soldering + Brazing

Monument Masters SweatBOX®

The SweatBOX® is the ultimate plumbers soldering tray.

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

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

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







Take a closer look at the SweatBOX® features video

MAST20201L

Omat® Soldering + Brazing Pad

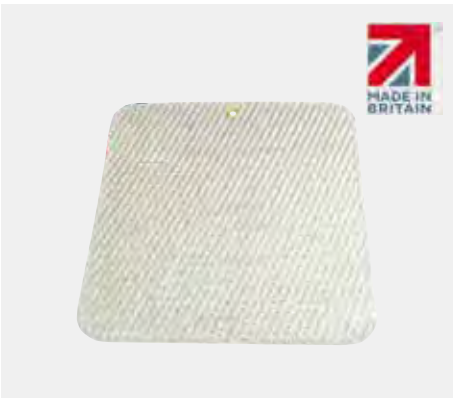
Designed to protect walls, cables, carpets and other flammable material surrounding a pipe being soldered/brazed. The slot in the Monument 2363L Micro Omat® has an overlap at the back which enables the protective mat to go either side of the tube or pipe being soldered/brazed so as to protect the surrounding 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.

Quantity – 1
Dimensions –
240(h) x 240(w) x 5(d) mm (INST2361)
155(h) x 155(w) x 5(d) mm (INST2363)



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

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



300mm (12") Soldering + Brazing Pad

Quantity – 1 of Each
Dimensions – 310(h) x 310(w) x 10(d) mm

INST2350



Flux Brushes

Quantity – Pack of 5 or 10
Dimensions – 200(h) x 10(w) x 10(d) mm

INST3015-1	Pack of 5
INST3015-10	Pack of 10



Flux Soldering Paste

Dimensions –
66(h) x 100(w) x 100(d) mm

701103	250g

Guarantees

1 Year on Plumbing Tools

Plumbing Tools

Monument Masters + Bending

Instinct Pro 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).

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

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

BEST SELLER

Secure Guide

Light + Easy

Less Bulky

Better Visibility

Compact Design

MADE IN BRITAIN



INST1215AV	Instinct Pro 15mm Pipe Bender
1322EXTENDED	Monument Masters XXII Extended 22mm Bender



15mm + 22mm Copper Pipe Bender (Guides)

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

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

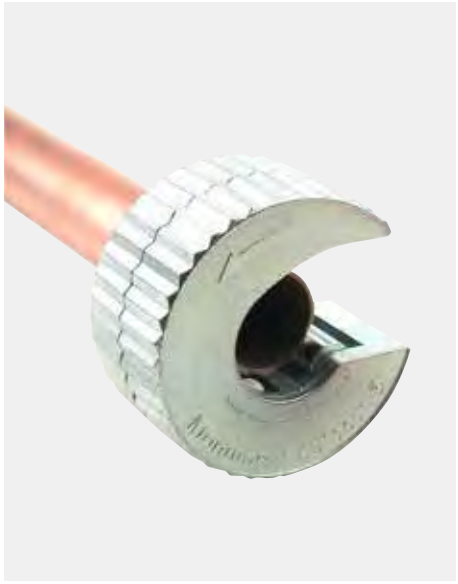
INST2603

Plumbing Tools

Guarantees

Year on Plumbing Tools **1**

Copper Pipe Cutting



Autocut® Copper Pipe Cutter

Quantity – 1
Dimensions –
45(h) x 45(w) x 30(d) mm (INST1810N)
50(h) x 50(w) x 30(d) mm (INST1715)
58(h) x 58(w) x 30(d) mm (INST1722)
65(h) x 65(w) x 30(d) mm (INST1728)

INST1810N	10mm Autocut® Copper Pipe Cutter
INST1715	15mm Autocut® Copper Pipe Cutter
INST1722	22mm Autocut® Copper Pipe Cutter
INST1728	28mm Autocut® Copper Pipe Cutter



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)

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.

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

INST1739





Spare Wheels (Autocut® + Pipeslice®)

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

INST0269



Size 3–22mm Copper Pipe Cutter

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

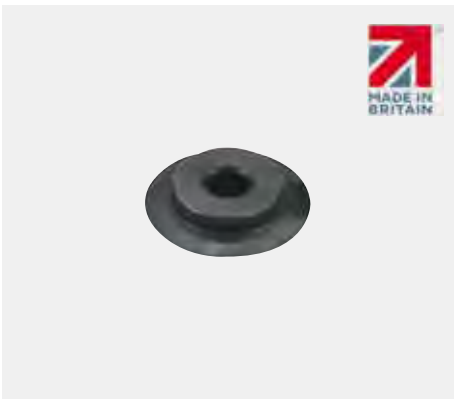
INST0264



Size 4–28mm Copper Pipe Cutter + Size2A 12mm–43mm Copper Pipe Cutter

Quantity – 1
Dimensions –
185(h) x 55(w) x 30(d) mm (INST0265)
220(h) x 65(w) x 40(d) mm (INST0266)

INST0265	Size 4–28mm Copper Pipe Cutter
INST0266	Size2A 12–43mm Copper Pipe Cutter



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

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

INST0273

Guarantees

1 Year on Plumbing Tools

Plumbing Tools

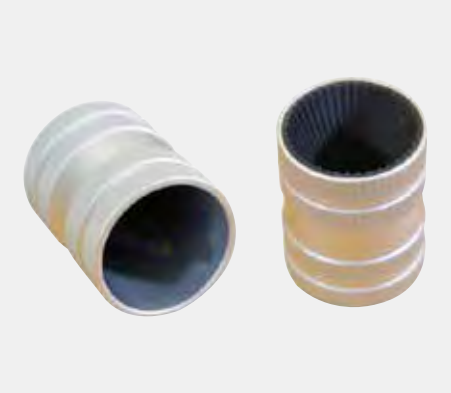
Copper Pipe Cutting, Deburring + Olive Tools



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

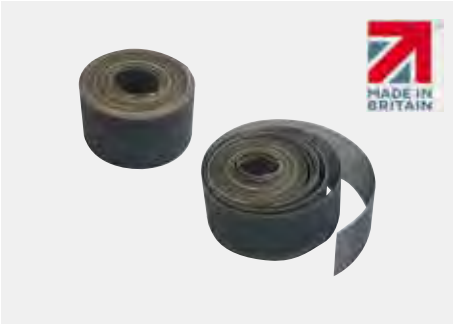
INST0374



15mm + 22mm Copper Pipe + Fitting Brush

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

INST3033



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

Compression Fitting Olive Cutter

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.

Please note – Not for use on steel olives.

Quantity – 1
Dimensions –
195(h) x 55(w) x 20(d) mm (INST2030)
192(h) x 55(w) x 25(d) mm (INST2031)

INST2030	15mm Compression Fitting Olive Cutter
INST2031	22mm Compression Fitting Olive Cutter







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

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.

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

INST2036

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

Plumbing Tools

Guarantees

Year on Plumbing Tools **1**

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)

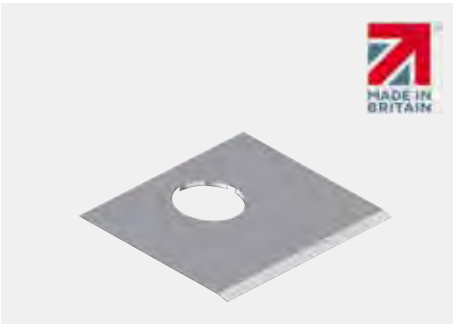
INST0115	15mm
INST0122	22mm



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!

Guarantees

1 Year on Plumbing Tools

Plumbing Tools

Sawing + Cutting

300mm (12") Hacksaw

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.

Quantity – 1
Dimensions – 440(h) x 140(w) x 20(d) mm



INST1921D



Junior Hacksaw

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

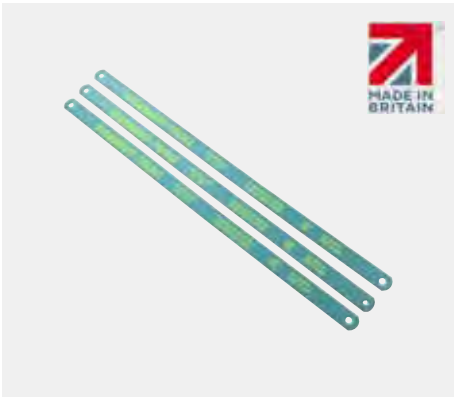
INST2000



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

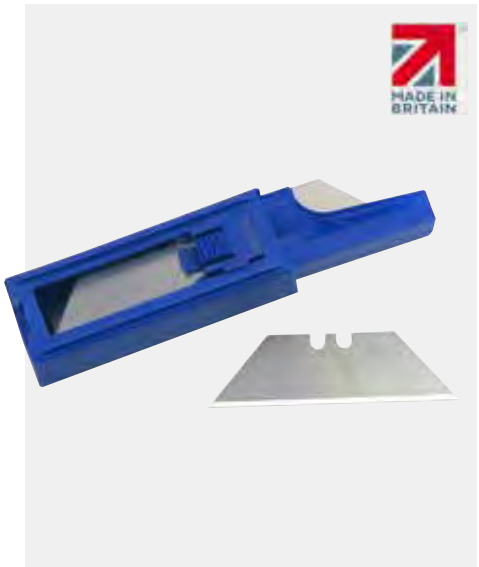
INST1120

Standard Trapezoidal Knife Blades

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

Quantity – Pack of 10
Dimensions – 65(h) x 65(w) x 20(d) mm

INST1024





Tape Measure (Backing Card)

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

INST1961S5	5m
INST1962S8	8m

Plumbing Tools

Guarantees

Year on Plumbing Tools **1**

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





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

Guarantees

1 Year on Plumbing Tools

Plumbing Tools

Boilers, Flues, System Testing + Maintenance

30mb Gas Test Gauge

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.

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

INST0257





Mains Water Pressure Test Gauge 11 Bar x ¾" BSP

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

INST1510

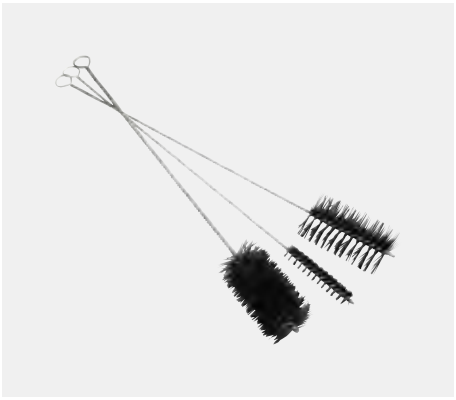
Dry Test Kit 15mm x 4 Bar

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.

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

INST1512





Flue Brushes

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

INST3014



D-End Manhole Lifting Keys

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

INST1010



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

Plumbing Tools

Guarantees

Year on Plumbing Tools **1**

Taps + Stopcocks



Contractors Telescopic Back Nut Wrench

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

INST0781



Pro Adjustable Basin Wrench (Two Jaws)

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

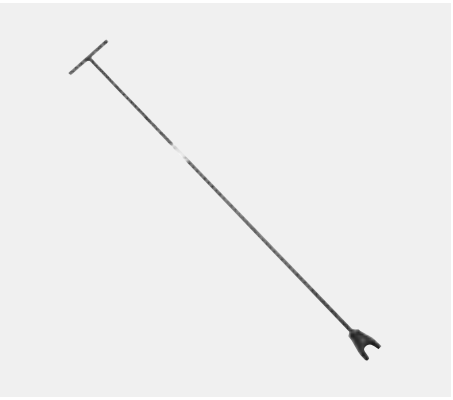
INST0345



Malleable Cast Basin Back Nut Wrench

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

INST0327



1050mm (42") Mains Water Tapered ½" + ¾" Stopcock Key

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

INST0339



8–13mm Monobloc Box Spanners

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

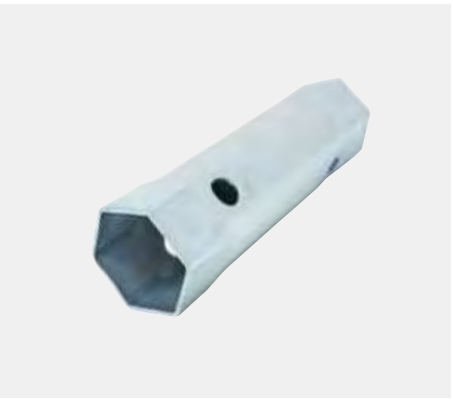
INST3240



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



Parallel Bush Tap Reseater (Three Cutters)

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

INST0450



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

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



Wide Jaw Adjustable Wrench

Quantity – 1

INST3140	150mm (6″) 34mm Cap
INST3141	200mm (8″) 38mm Cap
INST3143	250mm (10″) 50mm Cap



Thin Jaw Adjustable Wrench

Quantity – 1

INST4140	150mm (6″)
INST4141	200mm (8″)
INST41499	150mm (6″) + 200mm (8″) Twinpack



Mongoose One Handed Slip Joint Pliers

Quantity – 1

INST2071	175mm (7″)
INST2072	250mm (10″)
INST2073	300mm (12″)



20ft Drain Cleaner

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

INST3310



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

ARCTIC HAYES

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

Plumbing Tools

Pipe Freeze

NEW



scan me

Arctic Hayes Arctic Spray ZE Pipe Freeze Kit (Large)

Quantity – 1
Dimensions –
238(h) x 63(w) x 152(d) mm

NEW **ZEK2**

scan me



NEW





Arctic Hayes Arctic Spray ZE Pipe Freeze + Pro Pipe Freeze

Quantity – 1
Dimensions –
253(h) x 67(w) x 30(d) mm (ZEP1)
204(h) x 64(w) x 62(d) mm (ZE2)

NEW	**ZEP1**	Arctic Spray ZE Pro Pipe Freeze
NEW	**ZE2**	Arctic Spray ZE Pipe Freeze (Large)

Arctic Hayes 8–28mm 230V Electric Freeze Machine

The compact is the smallest and most easily portable of the electric freeze kits.

Compact Design – Smallest and most portable electric freeze kit in the range

Wide Application – Suitable for domestic and commercial jobs on pipes up to 28mm

Easy Carrying – Integral lay-flat handle for easy transport to and from the work area

Built-In Storage – Keeps 8–22mm reducers organised and readily accessible

Versatile Freezing – Freeze 28mm pipes directly, or use reducers for 8–22mm pipes

Quantity – 1
Dimensions – 400(h) x 330(w) x 430(d) mm

NEW **AH28**



NEW

Compact Design

Wide Application

Easy Carrying

scan me



Plumbing Tools

Pipe Freeze

NEW

Freeze Alerts

Advanced Sensors

60-Hour Battery

60-Hour Battery

scan me



Arctic Hayes 15mm + 22mm SMART Freeze Kit

SMART Pipe Freeze Clamp takes the guesswork out of pipe freezing, providing real-time monitoring and alerts via a smartphone app so you know exactly when the pipe is ready for repair.

Real-Time Monitoring – Monitor freeze and melt status via app

Freeze Alerts – Know when the pipe is ready to work on

Advanced Sensors – Accurate temperature monitoring during freezing

60-Hour Battery – Batteries included

IP65 Rated – Dust-proof and water-resistant for reliable use in demanding environments

Quantity – 1
Dimensions – 255(h) x 355(w) x 90(d) mm

NEW	**SMARTSOLO15/22**	SMART FREEZE Solo Kit (1x15mm + 1x22mm Clamp)
NEW	**SMARTPRO15/22**	SMART FREEZE Professional Kit (2x15mm + 2x22mm Clamps)

Kit Includes

- **SMART Freeze Clamps**
- **1 x 600g Pro Pipe Freeze Can**
- **1 x Regulator Valve**
- **1m 4mm Nylon Tubes**
- **Digital Scale**
- **Freeze Gel**
- **Foam Spares**
- **Pro Kit includes Y-Piece for Dual Freezing**

Arctic Hayes 15mm + 22mm SMART Pipe Freeze Clamp

The SMART Pipe Freeze Clamp removes the guesswork from pipe freezing, providing real-time monitoring through a dedicated smartphone app. Monitor freezing and thawing status, receive live alerts and know when the pipe is ready for repair, all from your smartphone.

Real-Time Monitoring – Monitor freeze and melt status via app

Freeze Alerts – Know when the pipe is ready to work on

Advanced Sensors – Accurate temperature monitoring during freezing

60-Hour Battery – Powered by 2 x AAA batteries

Bluetooth 5.1 – Up to 10m wireless range

IP65 Rated – Dust-proof and water-resistant for reliable use in demanding environments

Extreme Temperature Range – Operates from -50°C to +60°C

iOS & Android Compatible – Seamless smartphone connectivity

Quantity – 1
Dimensions –
231(h) x 140(w) x 110(d) mm

NEW	**SMART15**	SMART FREEZE 15mm Clamp
NEW	**SMART22**	SMART FREEZE 22mm Clamp
NEW	**SMART15/22-DUAL**	SMART FREEZE 15mm + 22mm Clamps

NEW

Freeze Alerts

Advanced Sensors

60-Hour Battery

60-Hour Battery



ARCTIC HAYES

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

Plumbing Tools

Detection



Arctic Hayes SleepSafe Photoelectric Smoke Alarm

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

SA1

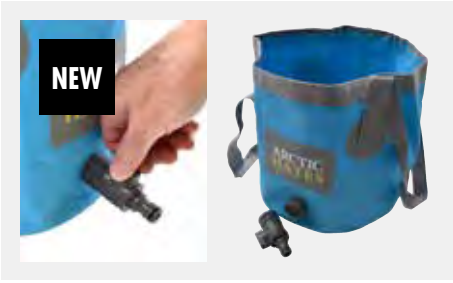


Arctic Hayes SleepSafe Carbon Monoxide Alarm (10 Year)

Quantity – 1
Dimensions –
110(h) x 115(w) x 35(d) mm

COA10

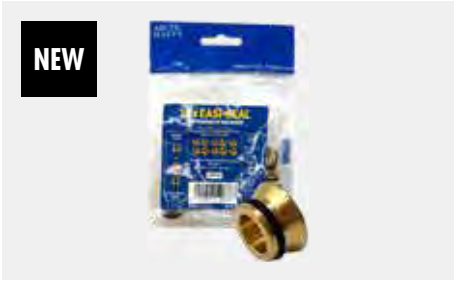
Servicing Essentials



Arctic Hayes Collapsible Bucket (20L + Tap)

Quantity – 1
Dimensions – 300(h) x 160(w) x 80(d) mm

NEW CWB20L-TAP



Arctic Hayes Easi-Seal Insert (10 Pack)

Quantity – 1
Dimensions – 10(h) x 115(w) x 165(d) mm

NEW AHES10



Arctic Hayes Collapsible Bucket (20 Litre)

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

CWB20L



Arctic Hayes Steel Wool

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

WB8



Arctic Hayes Arctic Access Panel

Quantity – 1
Panels to fit following opening dimensions –
150(h) x 230(w) mm (APS150)
200(h) x 200(w) mm (APS200)
300(h) x 300(w) mm (APS300)

APS150	Arctic Access Panel 150 – 230mm
APS200	Arctic Access Panel 200 – 200mm
APS300	Arctic Access Panel 300 – 300mm

Plumbing Tools

Servicing Essentials







Arctic Hayes Work Mat

Quantity – 1
Dimensions –
180(h) x 70(w) x 114(d) mm (WM1)
240(h) x 80(w) x 150(d) mm (WM2)
300(h) x 70(w) x 225(d) mm (WM3)

WM1	1200 x 750mm
WM2	1800 x 850mm
WM3	1800 x 1500mm



Arctic Hayes Cotton Dust Sheet (12′ x 9′)

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

AD62822



Arctic Hayes Laminated Dust Sheet (12′ x 9′)

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

A666013



Arctic Hayes Blue Hard Floor Protector

Quantity – 1
Dimensions –
600(h) x 67(w) x 67(d) mm (HFP1)
600(h) x 105(w) x 105(d) mm (HFP1-50M)

HFP1	600mm x 25m
HFP1-50M	600mm x 50m



Arctic Hayes Carpet Protector

Quantity – 1
Dimensions –
600(h) x 70(w) x 70(d) mm (CP1)
600(h) x 105(w) x 105(d) mm (CP1-50M)

CP1	600mm x 25m
CP1-50M	600mm x 50m



Arctic Hayes Aluminium Foil Tape (50mm x 45m)

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

A662021



Arctic Hayes General Purpose Cloth Tape (50mm x 50m)

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

A662020

ARCTIC HAYES

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

Plumbing Tools

Aerosol, Grease + Solutions



Arctic Hayes 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)
110(h) x 103(w) x 103(d) mm (A665017)
183(h) x 60(w) x 60(d) mm (PH040)

A665016	100g Tube
665016-TUB	100g Tub
A665017	500g Tub
PH040	400ml Silicone Spray



Arctic Hayes 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



Arctic Hayes PTFE Thread Sealing Cord (Nylon 160m)

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

NEW AHTSC160	



Arctic Hayes 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)



Arctic Hayes Leak Detector Spray (400ml)

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

PH020	

Plumbing Tools

PPE + Cleaning



Arctic Hayes Blue Paper Roll (3Ply)

Quantity – 1
Dimensions – 253(h) x 125(w) x 125(d) mm

A445031



Arctic Hayes 21" x 29" Black Rubble Sacks (10 Roll)

Quantity – 1
Dimensions – 275(h) x 60(w) x 60(d) mm

BRS1





Arctic Hayes Dirty Slippers

Quantity – 1
Dimensions –
290(h) x 40(w) x 200(d) mm (AHDS5-7)
300(h) x 40(w) x 200(d) mm (AHDS7-8)
310(h) x 40(w) x 200(d) mm (AHDS8-10)
320(h) x 40(w) x 200(d) mm (AHDS10-12)

NEW	**AHDS5-7**	Small 5-7
NEW	**AHDS7-8**	Medium 7-8
NEW	**AHDS8-10**	Large 8-10
NEW	**AHDS10-12**	Extra Large 10-12



Arctic Hayes Puggy Work Gloves

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

445036M	Medium
A445036	Large
445036XL	XLarge



Arctic Hayes Diamond Grip Gloves (8g)

Quantity – Box of 50
Dimensions – 235(h) x 126(w) x 65(d) mm

AHDGG8GM	Medium
AHDGG8GL	Large
AHDGG8GXL	XLarge



Arctic Hayes 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

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

Plumbing Tools

Guarantees

Years on Hinton Plumbing Tools **3**

Hinton Plumbing Tools



Hinton Turbo Duster

Powerful concentrated airflow **quickly removes dust, shavings and debris**

Suitable for machinery, workbenches, vehicles, tools and equipment

Integrated lighting **improves visibility in use**

Cordless operation with USB charging

Supplied with USB charging cable & nozzle attachments

Robust metal construction for **demanding professional use**

Quantity – 1

NEW HDUST



Hinton Inspection Camera Kit + Accessories

2MP camera **captures clear photos** and **video for detailed inspection**

5.5mm probe with 1m semi-rigid cable **reaches confined spaces**

Integrated LED brightness control **provides clear visibility**

IP67 rating for **reliable inspection in wet environments**

Compatible with Android, iOS and Micro system via app or 3-in-1 USB connection

Quantity – 1

NEW HCAM



Hinton Rad Valve Change Kit

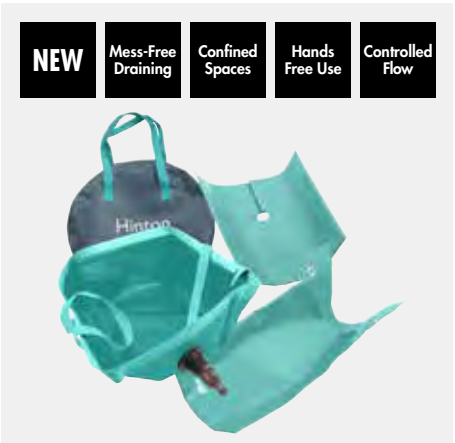
Saves hours by **avoiding system draining and refilling**

Suitable for 15mm and 22mm pipework

Helps prevent **air locks during maintenance**

Quantity – 1

NEW RVCK1



Hinton Fluid Caddy Kit

Collects and directs escaping water with **minimal splashes and spills**

Designed for tight and awkward spaces where standard buckets cannot fit

Can be **secured in position** while you work

Helps protect surfaces **from water damage**

Includes **fluid caddy, funnel, pipe wrap** and **carry bag**

Quantity – 1
Dimensions –
400(h) x 300(w) x 150(d) mm (Fluid Caddy)
495(h) x 420-190(w) mm (Funnel)
250(h) x 250(w) mm (Pipe Wrap)

NEW FCADKIT



Hinton Drain Tub (Square)

Collects radiator water cleanly without spills

Compressible design **fits under low-hung radiators and in tight spaces**

Suitable for **10, 12, 15** and **22mm copper** or **plastic pipework**

Snap-clip and flexible sealing flanges **provide a secure fit**

Built-in pouring spout **makes emptying quick and mess-free**

Quantity – 1
Dimensions – 255(h) x 255(w) x 75(d) mm

NEW PTUB8



Hinton Drain Down Hose Kit (15m)

High quality, no kink natural soft rubber hose

Ideal for clean, dry draining of heating systems before repair or maintenance

Vinyl-dipped hose clip for connection

Two hook-and-loop ties for **easy storage and transport**

Compatible with most radiators

Quantity – 1

NEW DDH15

Guarantees

1 Year on Pre-Packed Fittings

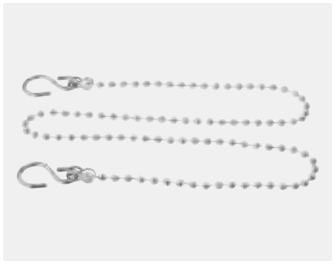
Pre-Packed Fittings



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

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

200147-INS



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

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

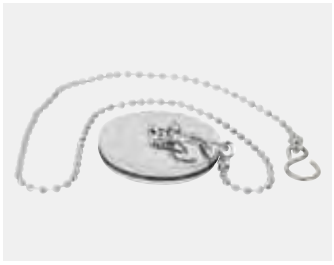
200111-INS



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



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



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

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

202255-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



Tap Hole Stopper (White)

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

202118-INS



Domed Chain Hole Stopper (Chrome)

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

201052-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



O Ring (Basin Mushroom Clicker Waste 201314)

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

202515-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

Pre-Packed Fittings

Guarantees

Year on Pre-Packed Fittings **1**



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



Seal (Clicker Waste 201753 201773)

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

202510-INS



5/8" Flat Tap Washer

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

306880-INS



Tap Washers

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

330910-INS	3/8"
330915-INS	1/2"
330920-INS	3/4"



Delta Tap Washers

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

306886-INS	1/2"
306888-INS	3/4"

Vacca Washer Flat

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

306940-INS	3/8"
306942-INS	1/2"
306944-INS	5/8"
306946-INS	3/4"





Pillar Tap Washer

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

306924-INS



Pegler Washer Flat

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

306950-INS	1/2"
306952-INS	3/4"



Shower Hose Washers

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

344405-INS



1¼" Plastic Sink Washer

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

394045-INS



Flexible Tap Fibre Washer

Quantity – 2
Dimensions –
2(h) x 20(w) x 20(d) mm (324790-INS)
2(h) x 24(w) x 24(d) mm (324795-INS)

324790-INS	1/2"
324795-INS	3/4"



Universal Top Hat Washer ½" + ¾"

Quantity – 2
Dimensions – 12(h) x 50(w) x 50(d) mm

330950-INS

Guarantees

1 Year on Pre-Packed Fittings

Pre-Packed Fittings



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



Contract Cistern Lever

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

202298-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



Toilet Pan Screw Set

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

345550-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



C Link Pack (Small and Large Bag)

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

345670-INS



Cistern C Link

Quantity – 2
Dimensions –
60(h) x 20(w) x 3(d) mm (345650-INS)
110(h) x 20(w) x 3(d) mm (345660-INS)

345650-INS	Small
345660-INS	Large



Cistern Overflow Stopper (Chrome)

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

344325-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"



Sanitary Fixing Kit 10 x 120

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

345560-INS

Pre-Packed Fittings

Guarantees

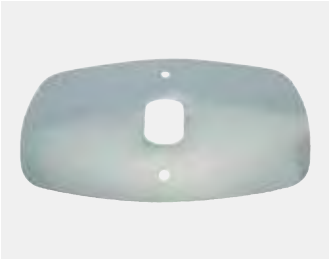
Year on Pre-Packed Fittings **1**



1½" Compression Syphon Nut

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

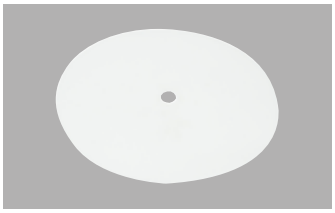
345420-INS



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



Float Valve HP Part 1 BS1212 ½" (8.¾" Arm, Nylon Seat)

Quantity – 1
Dimensions – 110(h) x 55(w) x 350(d) mm

NEW 306206-INS



Float Valve HP Part 2 BS1212 ½" (Nylon Seat)

Quantity – 1
Dimensions – 78(h) x 41(w) x 310(d) mm

NEW 306224-INS



½" Red Fibre Seating Washer (Float Valve)

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

306832-INS



DELCHEM Ball Valve Part 3 BS1212 Bottom Inlet Adjustable

Quantity – 1
Dimensions – 100(h) x 125(w) x 2(d) mm

NEW 306405-INS



Cone Washer (Bottom Entry Float Valve)

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

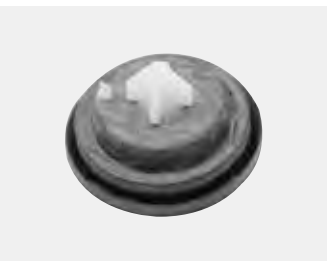
345366-INS



Part 2 Ball Valve Washer

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

306730-INS



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



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



½" Directional Air Vent + ½" Plug Kit (Chrome)

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

313580-INS



Brass Clock Radiator Key

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

313713-INS



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"



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"



⅛" Test Nipples

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

352505-INS



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



1½" 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



PTFE Tape 12mm x 5m Reel (Gas)

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

INST61425T



1½" Flush Pipe Sealing Ring

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

344335-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)
2 (394050-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)
1.5(h) x 86(w) x 86(d) mm (394050-INS)

394030-INS	½"
394035-INS	¾"
394040-INS	1"
394050-INS	1½"

Pre-Packed Fittings

Guarantees

Year on Pre-Packed Fittings **1**



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



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



Cooker Rest Chain – 16" (BS6172 Kit)

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

352615-INS



Cooker Safety Chain – 1m

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

352600-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





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	1.5m
392451-INS	2.5m



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	1.5m
392455-INS	2.5m

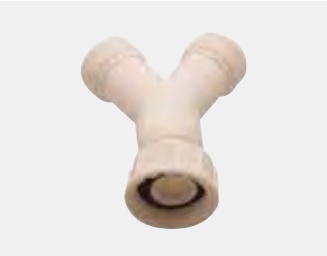
Appliance Outlet Hose (Grey)

Quantity – 1
Dimensions –
1500(h) x 45(w) x 45(d) mm (392465-INS)
2500(h) x 34(w) x 34(d) mm (392475-INS)

NEW **392465-INS**	1.5m
392475-INS	2.5m

NEW





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

Guarantees

1 Year on Pre-Packed Fittings

Pre-Packed Fittings



Filling Loop Straight (Part L Approved) 15mm

Quantity – 1
Dimensions – 500(h) x 45(w) x 25(d) mm

307425-INS



Filling Loop Straight with Gauge (Part L Approved) 15mm

Quantity – 1
Dimensions – 580(h) x 65(w) x 40(d) mm

307430-INS



Straight Boiler Filling Loop

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

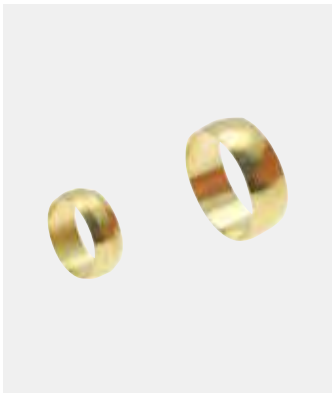
307413-INS



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

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

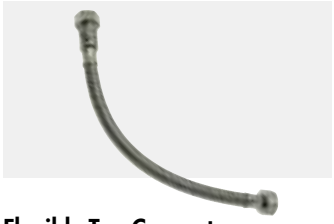
324705-INS



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



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)

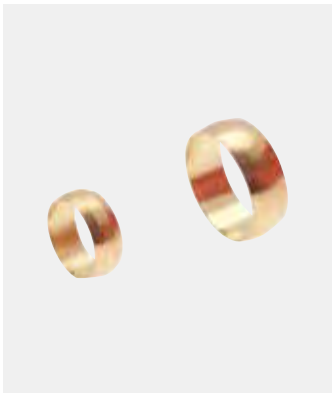
324652-INS	15mm x ½"
324656-INS	22mm x ¾"



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

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

324665-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



Flexible Tap Connector – 30cm

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

324675-INS	15mm x 10mm
324679-INS	15mm x 12mm



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

Hinton

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

Electrical Fittings



Electrical 20 Amp Plate Switch + Neon
Quantity – 1

NEW CO353



Electrical 13 Amp Switched Fused Spur
Quantity – 1

NEW CO355



Electrical 13 Amp Fused Switched + Neon
Quantity – 1

NEW CO356



Electrical Earth Clamp (Each)
Quantity – 1

NEW CO386



Electrical Socket Outlet 1 Gang Switched
Quantity – 1

NEW CO372



Electrical Socket Outlet 2 Gang Switched
Quantity – 1

NEW CO373



Electrical 45mm Single Insert Back Box
Quantity – 1

NEW CO0357



Electrical 45mm Double Insert Back Box
Quantity – 1

NEW CO358



Electrical 25mm Single Surface Mounted Back Box
Quantity – 1

NEW CO440



Electrical 25mm Double Surface Mounted Back Box
Quantity – 1

NEW CO450



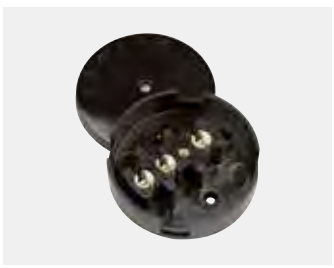
Electrical 25mm Single Insert Metal Back Box
Quantity – 1

NEW CO359



Electrical 25mm Double Insert Metal Back Box
Quantity – 1

NEW CO360



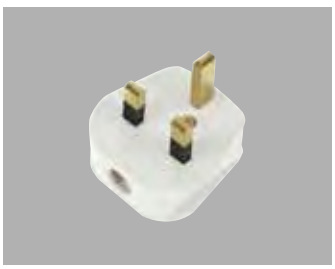
Electrical Junction Box 30 Amp 3 Terminal
Quantity – 1

NEW CO377



Electrical Junction Box 20 Amp 4 Terminal
Quantity – 1

NEW CO376



Electrical 13 Amp Plug
Quantity – 1

NEW CO371



Electrical Fuses 3 Amp (Pack 10)
Quantity – 1

NEW CO362

Electrical Fittings



Wago 221-2411 Inline Lever Connector (10 Pack)
Quantity – 1

NEW	WA2411



Wago 2 Pole Terminal Block (100 Pack)
Quantity – 1

NEW	221-412



Wago 3 Pole Terminal Block (50 Pack)
Quantity – 1

NEW	221-413



Wago 5 Pole Terminal Block (25 Pack)
Quantity – 1

NEW	221-415



Wago L32 Wiring Centre
Quantity – 1

NEW	WL32



Wago Mini Lever Connector Box
Quantity – 1

NEW	WAGOBOX



Electrical PVC Insulation Tape (19mm x 20m)
Quantity – 1

NEW	CO365	Black
NEW	CO365A	Yellow
NEW	CO365B	Brown
NEW	CO367	Blue
NEW	CO368	Red
NEW	CO369	Green + Yellow



Black Cable Ties (100 Pack)
Quantity – 1

NEW	CT20048	200mm x 4.8mm
NEW	CT30048	300mm x 4.8mm
NEW	CT30078	370mm x 4.8mm

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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

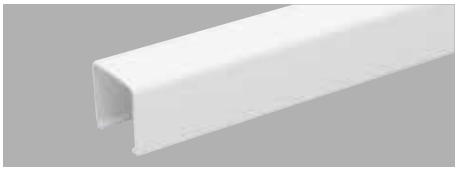
Yellow	
M209	16mm
M210	22mm



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

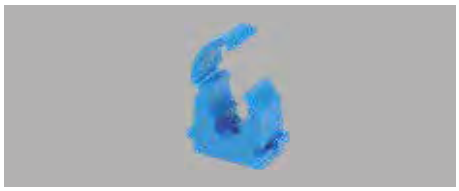
Colour – Red, Blue, Black, Yellow or Black
Quantity – 100 Pack, 50 Pack (P629)

Red	
P620	15mm
P621	22mm

Blue	
P622	15mm
P623	22mm

Yellow	
P624	15mm
P625	22mm

Black	
P627	15mm
P628	22mm
P629	28mm



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 (Single), 50 Pack (Double)

Single		Double	
P100	15mm	**P103**	15mm
P101	22mm	**P104**	22mm
P102	28mm		



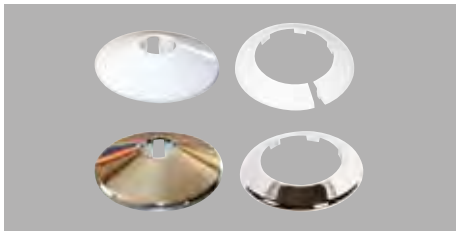
10, 15, 22, 28mm Hinged Clip

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

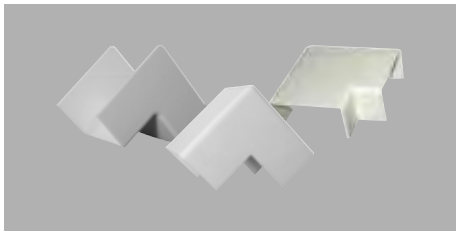


10, 15, 22, 28, 35, 42, 110mm Collar Clip

Colour – White or Chrome
Quantity –
25 Pack (P330, P331, P332, P333, P334, P335, P322)
5 Pack (P316, P317, P319, P320)
1 Pack (P318, P321)

White	
P330	10mm
P331	15mm
P332	22mm
P322	28mm
P319	35mm
P320	42mm
P321	110mm

Chrome	
P333	10mm
P334	15mm
P335	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

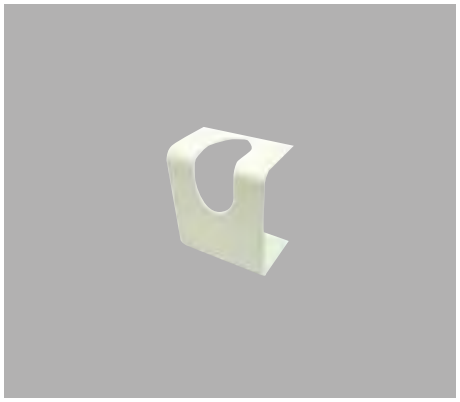


10, 15, 22, 28mm Stop End Clips

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

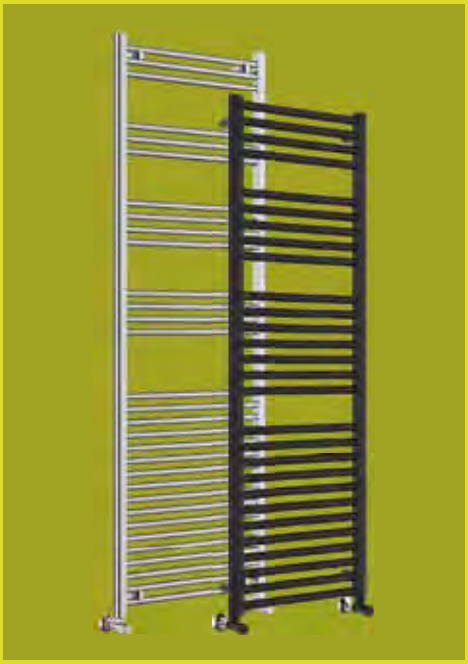
T636	10mm

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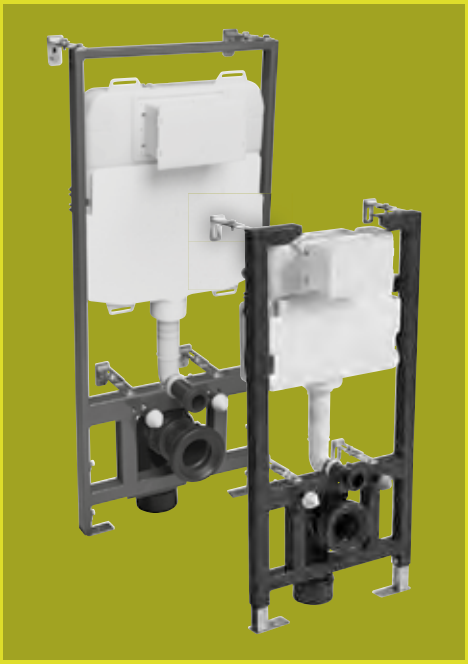












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