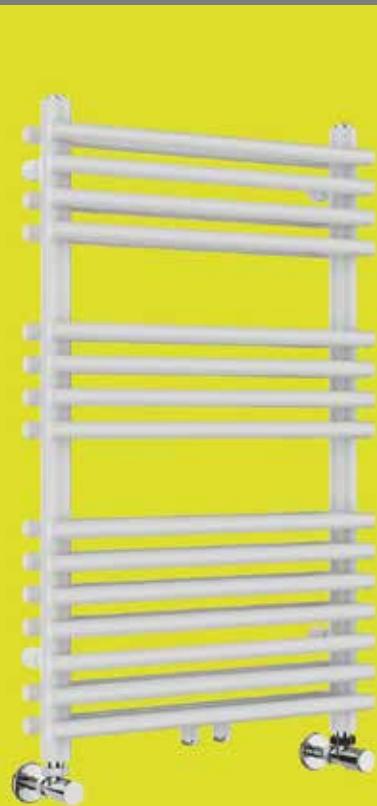


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PLUMBING & HEATING COLLECTION





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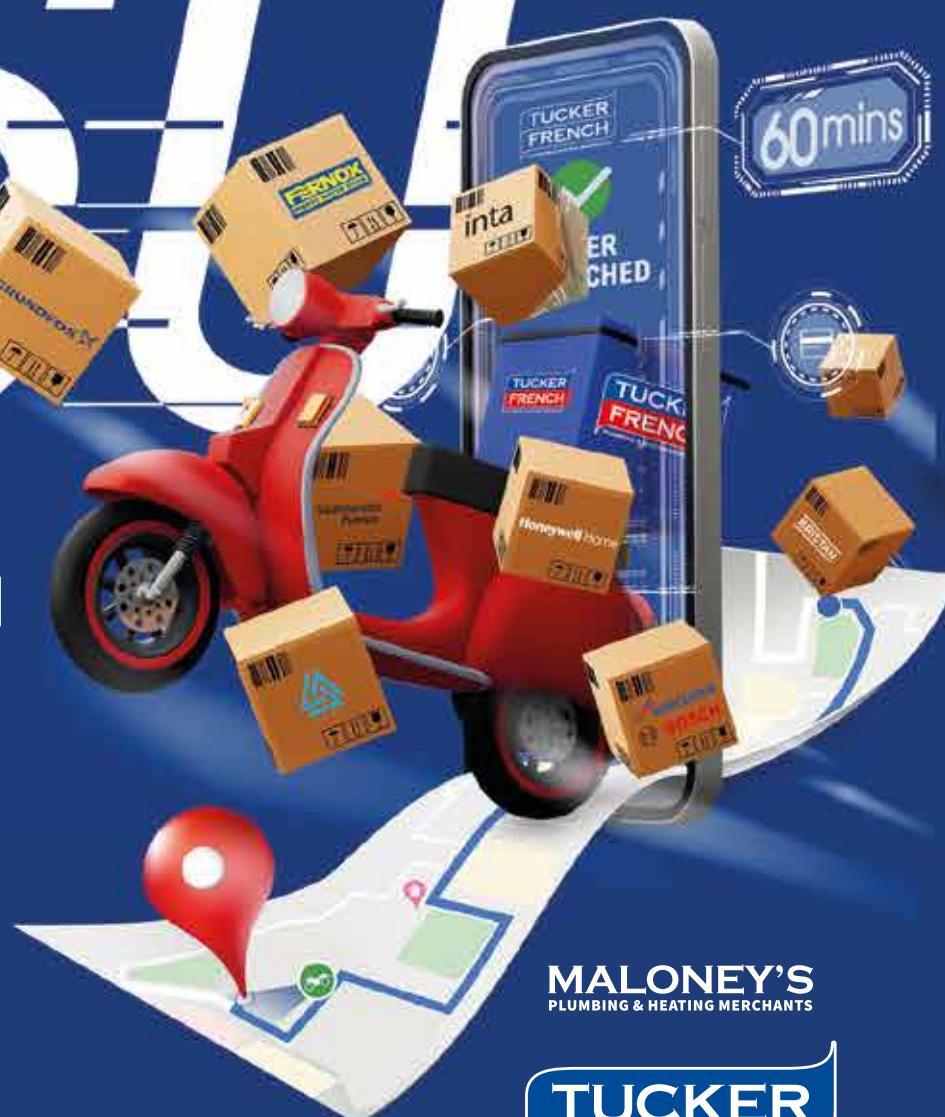
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What's New...

Discover our latest plumbing + heating additions for 2025/26.



8

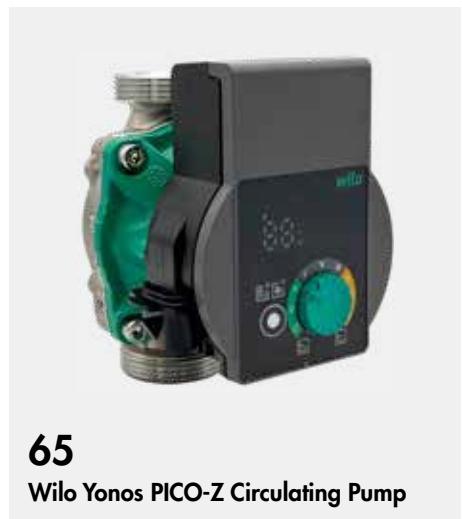
Adey MagnaClean HP® Filter



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Rothenberger ROMAX Compact III Press Tool



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Renewables Features

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



Removes Debris
Suspended in Water



Prevents Bacterial +
Fungal Growth



Prevents Limescale +
Corrosion



Non-Hazardous
Formulation



Anti-Freeze



Dosing Amount –
Up to 100 Litres



Dosing Amount –
Up to 10 Radiators



Bottle Made from
50% Recycled Plastic



Manufactured
in Great Britain



Easy to Install
and Maintain

Our frequently ordered Renewable products...

Great
Value



Inta
Heat Pump
Installer Kits
Page 28



IntaKlean 28mm Filter
Page 7



FernoX Anti-Freeze
Valve + Thermal Covers
Page 11



Inta Zil-B Buffer Vessel
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Adey Chemicals
Page 30

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



Visit instinctproducts.co.uk and find
your local renewables stockist

Heat Pump Filters

Guarantees

5 Years

on IntaKlean Heat Pump Filter



IntaKlean 35mm Magnetic Air Source Heat Pump Filter (with 28mm Reducing Sets)

The IntaKlean HP XL features a more efficient direct filtration design with higher flow rates, built-in isolation and greater flexibility for the installer.

The direct filter forces the fluid across the mesh of the filter before entering the filter chamber. In this chamber, the mesh cartridge and strong neodymium magnet help to capture and breakdown the magnetite and non-ferrous debris from the system.

The gravitational force pulls the non-ferrous debris to the base of the pot, allowing it to be easily drained while any air passing through the filter floats to the top, where the manual air vent can purge it from the system.

Features + Benefits

Actively filters magnetite and non-ferrous system debris

Extends the lifespan of heat pumps

Fights corrosion, ensures system efficiency

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

90°C maximum temperature (One Hour Max)

0°C to +70°C operating temperature

6 Bar maximum working pressure

3 Bar maximum pressure during maintenance

300 µm degree of filtration

11,000 Gauss magnet strength

Kv Value (35mm Only) – 17.3 m³/h

Finish – Black

Dimensions – 285(h) x 230(w) x 100(d) mm

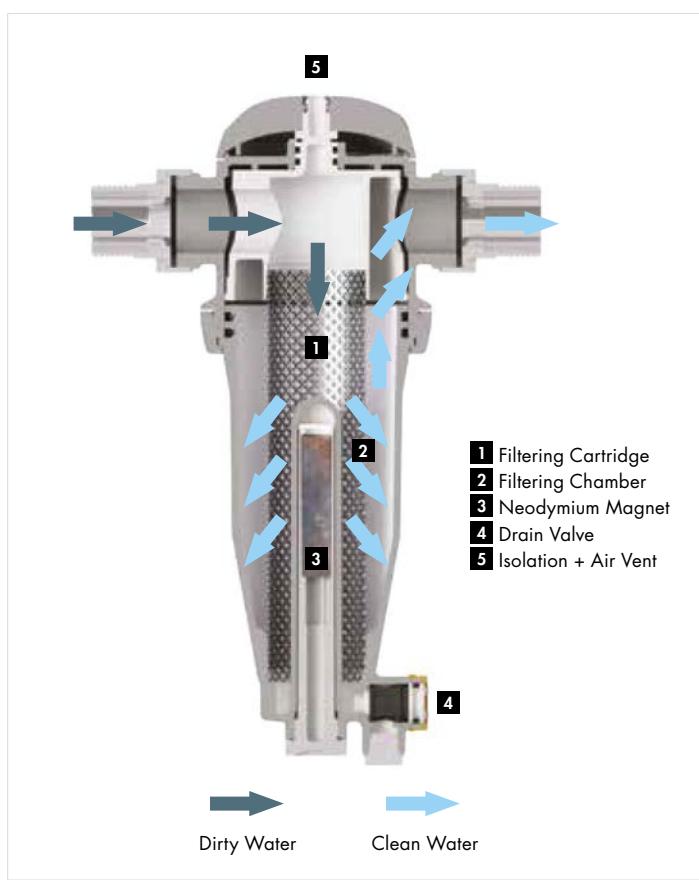


IK35MP1

IntaKlean 35mm Heat Pump Filter (with 28mm Reducing Sets)

IK35INSU

IntaKlean 35mm Insulation Jacket (for IK35MP1 Filter)



Guarantees

5 Years
on IntaKlean Heat Pump Filter

Heat Pump Filters



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.

Features + Benefits

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 (One Hour Max)

4 Bar maximum working pressure

300µm + 800µm degree of filtration

11,000 Gauss magnet strength

Kv Value (35mm Only) – 8.27 m³/h

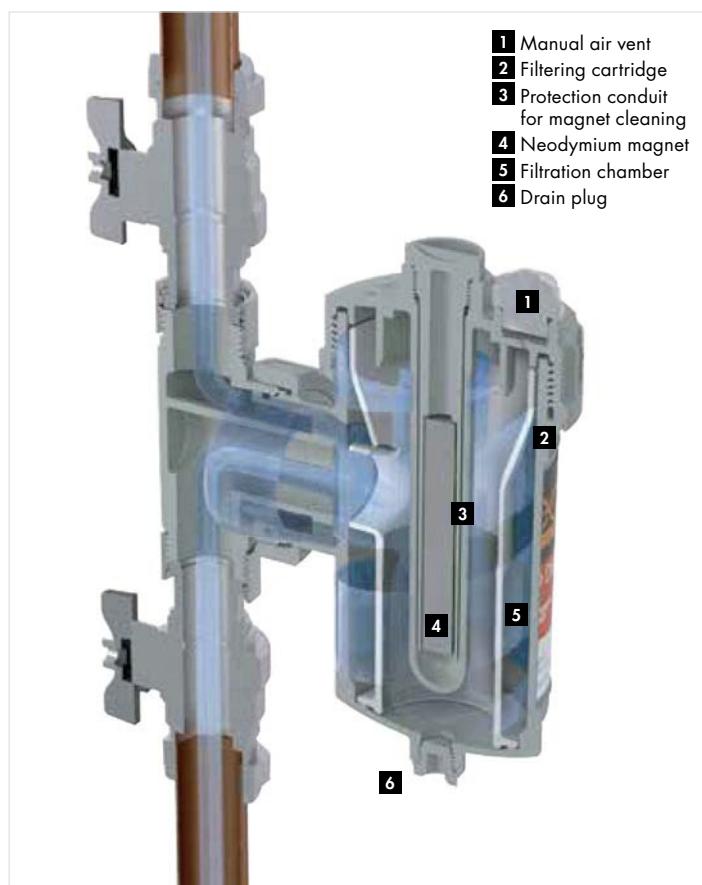
Finish – Grey

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



IKHMPF28

IntaKlean HP 28mm Magnetic Heat Pump Filter



Heat Pump Filters

Guarantees

10 Years
on Adey Heat Pump Filter



Adey MagnaClean HP® Filter

– Heat Pump + Low-Temperature System Protection

MagnaClean HP is a filter that has been designed specifically to protect heat pumps and low-temperature heating systems from both magnetic and non-magnetic debris, keeping them working as efficiently as possible, for as long as possible.

Low temperature heating systems, like those with heat pumps, are the perfect breeding ground for bacterial growth, which can clog them up, reducing efficiencies and ultimately causing breakdown.

Thanks to MagnaClean HP's high-quality build, powerful magnet, stainless steel gauze and non-blocking design, you can rest assured that you are fitting a filter that will efficiently protect systems and will stand the test of time.

Features + Benefits

Specially designed to protect heat pump and low temperature systems

Protects heat pumps from magnetic and non-magnetic debris

Large canister ports, available for 28mm systems

Non-blocking design for optimum flow, even when the filter is full, keeping the system working as efficiently as possible

+3°C to +95°C operating temperature

6 Bar maximum working pressure

80 L/min (5m³/h) maximum flow rate

Extended system life of up to 7 years*

Finish – Black

Dimensions – 251(h) x 115(w) x 235(d) mm



FL1-03-06223

Adey MagnaClean HP® Filter

*Based on independent research in the UK.



Dedicated magnetic and non-magnetic capture allows both types of debris to be captured before it enters the system

Guarantees

10 Years
on Ferno Heat Pump Filter

Heat Pump Filters



Ferno 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.

Features + Benefits

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



62614

Ferno Sigma HP Filter 22mm

62615

Ferno Sigma HP Filter 28mm



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

Anti-Freeze Valves

Guarantees

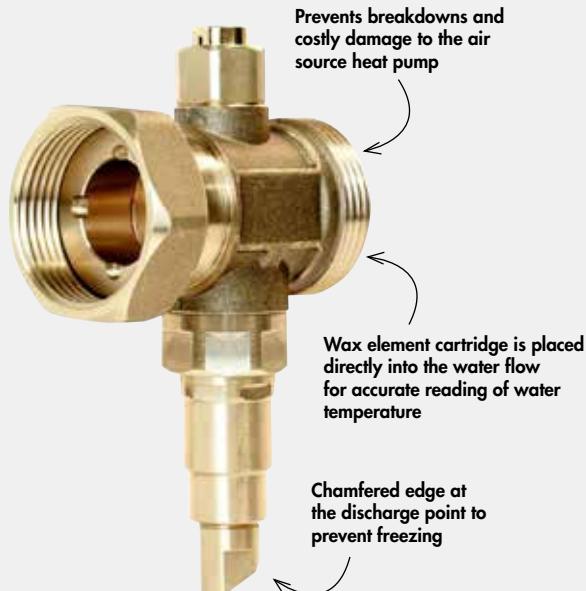
2 Years

on Inta Zero Anti-Freeze Valves



Inta Zero Videos,
Data Sheets, Installation
Instructions + Maintenance

new



A unique protective cover, designed to protect the anti-vacuum valve on the Inta Zero Anti-Freeze Valves

Allows Anti-Freeze valves to be positioned inline when fitted on the flow and return connections



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.

Features + Benefits

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

K_v 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



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 1 1/4" Male

ZERO1SW

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

ZERO14SW

Inta Zero – Anti-Freeze Valve 1 1/4" Male x 1 1/4" Female Swivel

ZEROGUARD

Anti-Freeze Valve Protector

INSULZERO28SW

28mm Insulation (for Swivel Zero Valve)

INSULZERO35SW

35mm Insulation (for Swivel 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

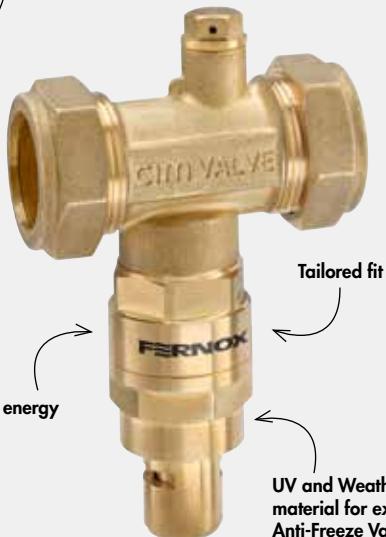
Anti-Freeze Valves



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



Easy To
Install



Enhanced energy
efficiency

Tailored fit

UV and Weatherproof
material for externally fitted
Anti-Freeze Valves



FernoX Anti-Freeze Valve 1 1/4"



FernoX Anti-Freeze Valve
Thermal Cover

Anti-Freeze valves prevents ice forming in the
circuit of a system, avoiding potential damage to
the heat pump and to the pipes



Easy To
Install



Water sensor cartridge –
An automatic shut-off cock
prevents water from draining
while the cartridge is being replaced,
thereby maintaining system pressure

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.

Features + Benefits

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 1 1/4"

62691

FernoX Anti-Freeze Valve Thermal Cover 1 1/4"

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.

Features + Benefits

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

Anti-Freeze Valve 1"

ZL-7201-11/2M

Anti-Freeze Valve 1 1/2"

ZL-7201-11/4M

Anti-Freeze Valve 1 1/4"

ZL-7201-11/4MF

Anti-Freeze Valve 1 1/4" (Male to Female Swivel)

ZL-7201-1MF

Anti-Freeze Valve 1" (Male to Female Swivel)

ZL-7201-28MM

Anti-Freeze Valve 28mm

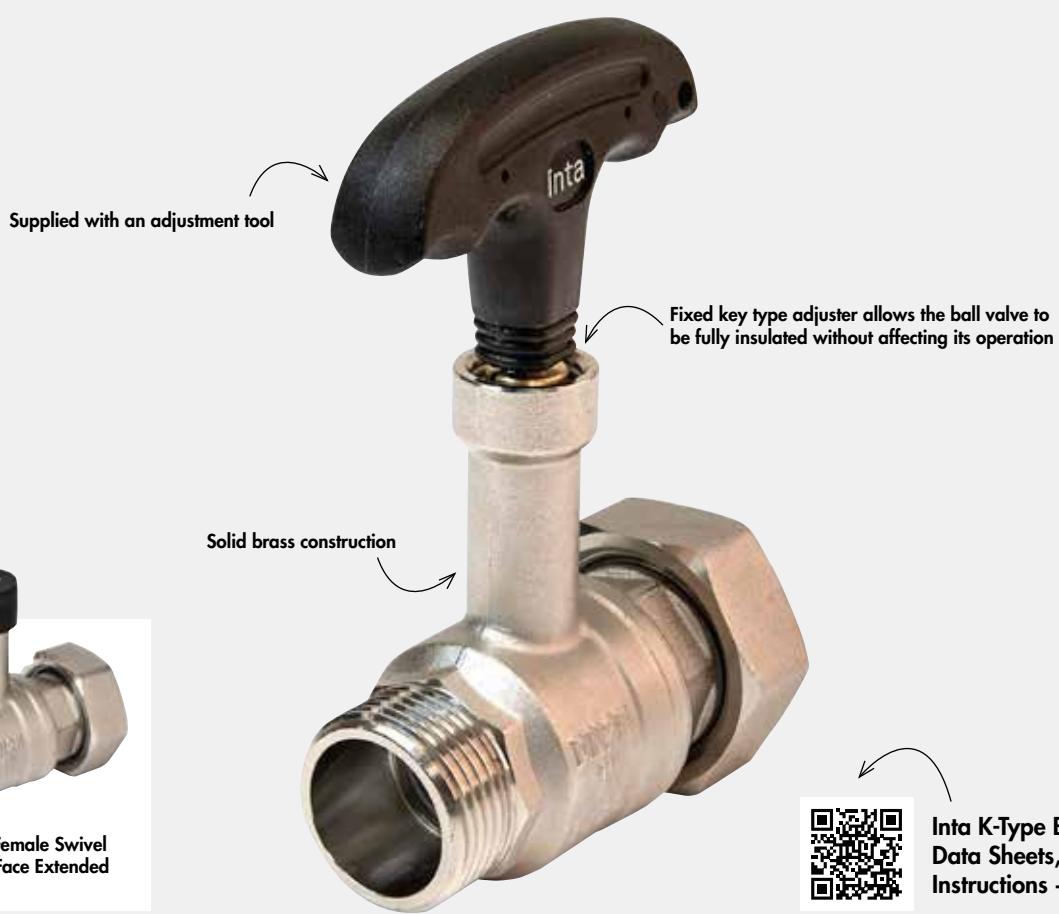
ZL-7207-28MM

Anti-Freeze Valve 28mm (off side)

Ball Valves

Guarantees

2 Years
on Inta Ball Valves



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.

Features + Benefits

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 KType1" Female Swivel x 1" Male Flat Face Extended Ball Valve

HPBV114 Inta KType 1¼" 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 KType 1" Female Swivel x 28mm Extended Ball Valve

HPBV35 Inta K-Type 1¼" Female Swivel x 35mm Extended Ball Valve



Guarantees

2 Years
on Inta Ball Valves

Ball Valves

new



Inta Ball Valve
Data Sheets, Installation
Instructions + Maintenance

Inta K-Type Ball Valves (with Filter)

Features + Benefits

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

K_v 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)

new



Inta K-Type Ball Valves Insulation

Features + Benefits

Insulation cover to increase system efficiency

Pre-Cut to fit 28mm and 1" extended ball valves

Pre-Cut to fit 35mm and 1¼" extended ball valves

Treated closed cell polyethylene

-45°C to +105°C operating temperature

0.034 W/mk thermal conductivity

$\mu \geq 39,300$ water vapour resistance

For external use only

INSUL28BALLVALVE

Inta Insulation
(for 28mm / 1" Ball Valve)

INSUL35BALLVALVE

Inta Insulation
(for 35mm / 1¼" Ball Valve)

Valves

Guarantees

2 Years
on Inta Valves

new



Inta Fill + Flush Valves

Features + Benefits

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 16Bar

INFAF22

Inta 22mm Fill + Flush Valve

INFAF28

Inta 28mm Fill + Flush Valve

new

new

Easily Adjustable



Inta By-Pass Valves

Features + Benefits

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 10Bar

ABPA28CP

Inta 28mm Angled By-Pass Valves

ABPS28CP

Inta 28mm Straight By-Pass Valves

Inta-Vent Deaerator

Features + Benefits

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 10Bar

IV22

22mm Inta-Vent Auto Air Eliminator

IV28

28mm Inta-Vent Auto Air Eliminator

new



new



Inta Flow Balancing Valves

Features + Benefits

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 10Bar

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)

Features + Benefits

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 10Bar

INFBV28 28mm Flow Balancing Valve (with Fill + Flush 5-40Ltr)

INFBV2850 28mm Flow Balancing Valve (with Fill + Flush 10-50Ltr)

new



Inta Y-Pattern Strainers

Features + Benefits

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 16Bar

YPS085828800

28mm Y-Pattern Strainer (800 Micron)

YPS0858125800

1 1/4" F x F Y-Pattern Strainer (800 Micron)

Guarantees

2 Years
on Bastion Valves

Valves



new



new

Bastion Fill + Flush Valves

Features + Benefits

Energy-efficient and compact design

Easy integration with UFH systems

Built for durability and consistent performance

Suitable for both domestic and commercial UFH setups

10 Bar maximum inlet pressure (Static)

85°C maximum operating temperature

Max 85°C
Max 10 Bar

ZL-4250-22

Bastion 22mm Fill + Flush Valve

ZL-4250-28

Bastion 28mm Fill + Flush Valve



new



new

Bastion Heat Pump Flow Balancing Valves (with Fill + Flush)

Features + Benefits

Easy integration with UFH systems

Built for durability and consistent performance

Suitable for both domestic and commercial UFH setups

10 Bar maximum pressure (Static)

110°C maximum operating temperature

Max 110°C
Max 10 Bar

ZL-4901-22-00

22mm Heat Pump Flow Balancing Valve
(with Fill + Flush - 4-40 Ltr/min)

ZL-4901-28-00

28mm Heat Pump Flow Balancing Valve
(with Fill + Flush - 4-40 Ltr/min)

Bastion Y-Pattern Strainers

Features + Benefits

Easy integration with UFH systems

Exceptional durability and resistance to corrosion

Ideal for prolonged use in harsh environments

10 Bar maximum pressure (Static)

100°C maximum operating temperature

Max 100°C
Max 10 Bar

ZL-7113C-22

Bastion 22mm Y-Pattern Strainer (with Magnetic Filter)

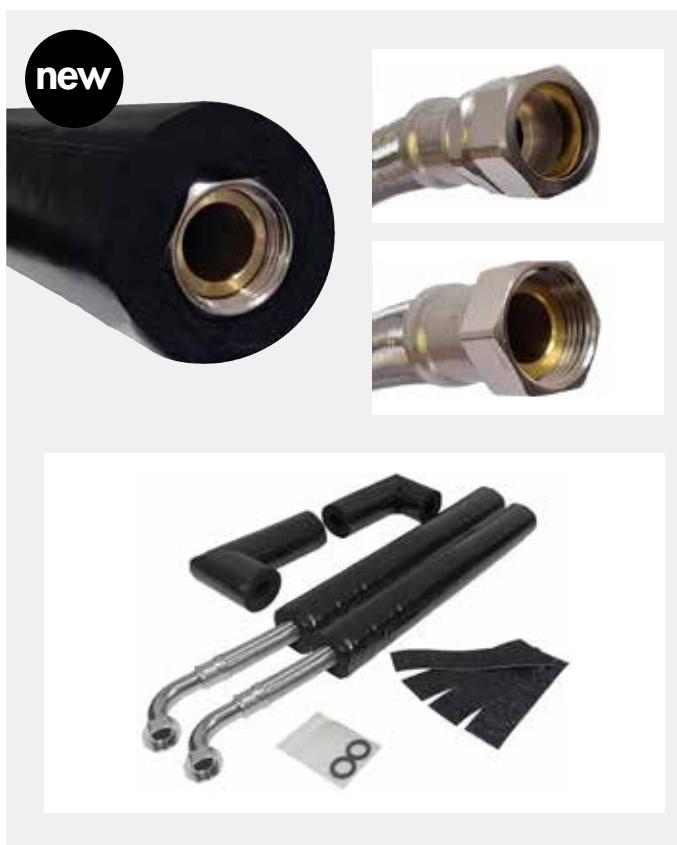
ZL-7113C-28

Bastion 28mm Y-Pattern Strainer (with Magnetic Filter)

Hoses

Guarantees

1 Year
on Rob Pond Hoses



new



Rob Pond PVC External Insulation Tape

Features + Benefits

Seals PVC coated insulation joints and seams

Excellent weather and UV resistance

Strong adhesion

HTAPE

PVC External Insulation Tape 10m x 50mm

Rob Pond Flexible Connection Hoses

Pre insulated with a durable 19mm thick PVC coating that resists weather and UV rays these flexible hoses simplify connecting flow and return pipes to heat pumps and biomass boilers. These hoses dampen vibrations and enable smooth bends during installation. They feature a 28mm inner hose encased in a protective stainless-steel braid.

For easy connection, one end has a male or female BSP thread, while the other uses a 28mm compression fitting.

Features + Benefits

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

Hose

Suitable for Water + Glycol up to 50%

28mm bore stainless steel braided inner hoses

10 Bar maximum inlet pressure (Static)

90°C maximum inlet temperature

Insulation

19mm wall thickness PVC coated insulation that resists weather and UV resistant

-40°C to +110°C insulation temperature range

0.035 W/mk insulation thermal conductivity

$\mu \geq 15,000$ water vapour resistance

Kit

2 x PVC coated flexi hoses

2 x PVC tape strips

2 x rubber washes

Max 110°C

Max 10 Bar

Rob Pond Flexible Connection Hoses

HPFA1143INS	PVC Coated Pre Insulated Angle Flexi Hose Pair	300mm	28mm x 1 1/4" Fem
HPFA1145INS	PVC Coated Pre Insulated Angle Flexi Hose Pair	500mm	28mm x 1 1/4" Fem
HPFA1147INS	PVC Coated Pre Insulated Angle Flexi Hose Pair	750mm	28mm x 1 1/4" Fem
HPFA1283INS	PVC Coated Pre Insulated Angle Flexi Hose Pair	300mm	28mm x 1" Fem
HPFA1285INS	PVC Coated Pre Insulated Angle Flexi Hose Pair	500mm	28mm x 1" Fem
HPFA1287INS	PVC Coated Pre Insulated Angle Flexi Hose Pair	750mm	28mm x 1" Fem
HPFS1145INS	PVC Coated Pre Insulated Straight Flexi Hose Pair	500mm	28mm x 1 1/4" Fem
HPFS1147INS	PVC Coated Pre Insulated Straight Flexi Hose Pair	750mm	28mm x 1 1/4" Fem
HPFS1285INS	PVC Coated Pre Insulated Straight Flexi Hose Pair	500mm	28mm x 1" Fem
HPFS1287INS	PVC Coated Pre Insulated Straight Flexi Hose Pair	750mm	28mm x 1" Fem

Guarantees

1 Year
on DiversiTech Hoses

Hoses

new

FH-500-28-F
Straight HoseFH-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.

Features + Benefits

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 **$\mu \geq 10,000$** water vapour resistance

Kit

2 x PVC coated flexi hoses

2 x Insulation

Max
110°CMax
10 Bar

DiversiTech Flexible Connection Hoses

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

new

HPHOSE300
Straight HoseHPHOSE300B
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.

Features + Benefits

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

$\mu \geq 39,300$ 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

Inta Flexible Connection Hoses

		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 1 1/4" Fem
HPHOSE50035B	Pre Insulated Angled Flexi Hose Pair	500mm	35mm x 1 1/4" 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



Altecnic Flexible Connection Hoses

Features + Benefits

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

$\mu \geq 3000$ water vapour resistance

Kit

2 x Aeroflex pre insulated hoses

2 x Fibre washers

Max 125°C Max 10 Bar

Altecnic Flexible Connection Hoses

		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

Insulation

DiversiTech PVC Coated External Grade Insulation

Features + Benefits

PVC Coated weather protected covering to avoid UV degradation and animal damage

Class O **weatherproof** and **UV stable**

Helps installations comply with building regulations for heat loss



DiversiTech PVC Coated External Grade Insulation

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

DiversiTech Pre Slit + Seal Insulation

Features + Benefits

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



DiversiTech Pre Slit + Seal Insulation

		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

Features + Benefits

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



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

Features + Benefits

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



Primary Pro External Heating Insulation

		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

Features + Benefits

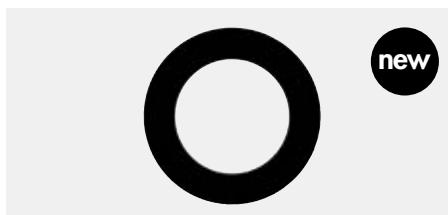
Protects insulated pipework through wall for 22mm, 28mm and 35mm

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



Primary Pro Wall Sleeve

		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

Features + Benefits

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

AS001	Primary Pro Bond + Seal (290ml)
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Primary Pro Easy Fix Backplate

Features + Benefits

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
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Primary Pro Sealing Rings

Features + Benefits

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)



Primary Pro Maintenance Coat

Features + Benefits

Apply after installation to tidy up any brick dust or marks

IG010M	Primary Pro Maintenance Coat (1ltr)
IG005	Primary Pro Maintenance Coat (250ml)

Primary Pro Grinder Head

Features + Benefits

Designed to flatten any uneven surfaces, makes a 4mm indentation to the flat wall (brick wall) to make the wall sealing surface flush

AS34	Primary Pro Grinder Head
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Primary Pro Joint Covers

Features + Benefits

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)

Trunking



DiversiTech SpeediDuct® External Trunking

SpeediDuct® is a system used for air source heat pumps and services. Made out of rigid PVC, the colours are fadeproof, UV resistant and fireproof. The trunking contributes to reducing energy consumption. Suitable for indoor and outdoor use, it can be painted to match its environment.

Features + Benefits

Made of rigid, shockproof, UV-stabilised fire resistant PVC B

High-quality

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

Large selection of outdoor trunking options available

Quick and easy to install

UV Stable



DiversiTech SpeediDuct® Duct

Features + Benefits

150mm width, 2000mm length

Available in black or white finish

TR-D-150-B	SpeediDuct Trunking (Black)
TR-D-150-W	SpeediDuct Trunking (White)



DiversiTech SpeediDuct® Wall Cover

Features + Benefits

150mm width

Available in black or white finish

TR-WC-150-B	SpeediDuct Wall Cover (Black)
TR-WC-150-W	SpeediDuct Wall Cover (White)

DiversiTech SpeediDuct® Connection Piece

Features + Benefits

150mm width

Available in black or white finish

TR-CP-150-B	SpeediDuct Connection Piece (Black)
TR-CP-150-W	SpeediDuct Connection Piece (White)



DiversiTech SpeediDuct® 90° External Bend

Features + Benefits

150mm width

Available in black or white finish

TR-EC-150-B	SpeediDuct 90° External Bend (Black)
TR-EC-150-W	SpeediDuct 90° External Bend (White)

DiversiTech SpeediDuct® Flat Bend

Features + Benefits

150mm width

Available in black or white finish

TR-FB-150-B	SpeediDuct Flat Bend (Black)
TR-FB-150-W	SpeediDuct Flat Bend (White)



DiversiTech SpeediDuct® 90° Internal Bend

Features + Benefits

150mm width

Available in black or white finish

TR-IC-150-B	SpeediDuct 90° Internal Bend (Black)
TR-IC-150-W	SpeediDuct 90° Internal Bend (White)

Guarantees

1 Year
on DiversiTech Trunking

Guarantees

1 Year
on DiversiTech Mounting Brackets + Condensate Trays

Mounting Brackets + Condensate Trays



DiversiTech Wall Mounting Brackets

		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 Trays

		Finish	Depth	Width	Weight
CCTM-1080-BL	Metal Tray – 1080mm	Black	500mm	1080mm	7.5kg
CCTM-1100	Metal Tray – Medium	Ivory (RAL 7032)	400mm	1100mm	6.9kg
CCTM-1300-BL	Metal Tray – 1300mm	Black	550mm	1300mm	8.8kg
CCTM01420-BL	Metal Tray	Black	500mm	1420mm	8.5kg

Feet

Guarantees

1 Year
on DiversiTech Feet

new

Quick To
Install

DiversiTech Flexi Foot with Strut Kits

Flexi Foot with Strut Kits – These kits 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.

Features + Benefits

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

600mm kit size

Foot material density **1.0kg/cm**

Fast and simple installation

480 hour salt spray tested for durability against the elements

DiversiTech Flexi Foot with Strut Kits

		Safe Working Load	Length	Width	Height	Weight
FF-600-S-KIT	2 x Flexi Foot 600mm (with fixings)	840kg	600mm	185mm	100mm	12.5kg
FF-600-S-KIT-3	3 x Flexi Foot 600mm (with fixings)	–	600mm	185mm	100mm	–
FF-600-S-150-KIT	2 x Flexi Foot 600mm (with fixings)	–	600mm	130mm	150mm	–
FF-600-S-150-KIT-3	3 x Flexi Foot 600mm (with fixings)	–	600mm	130mm	150mm	–

new

Anti
Vibration

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.

Features + Benefits

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

DiversiTech Baby Sumo Adjustable Rubber Support Foot

		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

Guarantees

1 Year
on DiversiTech Feet

1 Year
on Rob Pond Feet

Feet



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.

Features + Benefits

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**

DiversiTech Floor Tray Mounting Bracket Kit

		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



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.

Features + Benefits

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

Rob Pond Anti Vibration Rubber Feet

		Safe Working Load	Length	Width	Height
AVFR250	Anti Vibration Rubber Foot 250mm + Fixing Kit	160kg	250mm	130mm	95mm
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

Buffers + Vessels



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.

Zil-B buffer vessels are manufactured to the highest quality and standard, to ensure they maintain optimum system performance, helping to enhance the heat pumps overall efficiency.

Features + Benefits

Available in 25, 50, 80 + 100 litre capacity

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 4Bar

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

Volumiser Vessels

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

Features + Benefits

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

10001216	12 Litre Volumiser Vessel
10001836	18 Litre Volumiser Vessel

Guarantees

1 Year
on DiversiTech ASHP Soak-Away + Rotary Isolators

ASHP Soak-Away + Rotary Isolators



DiversiTech Air Source Heat Pump Soak-Away

This unique pre-bagged geo textile soak-away is used to safely dispose of the condensate from all domestic-sized air source heat pumps where drain routing is not available. This method prevents the condensate from flowing onto paths and driveways, which can freeze and cause a slip hazard.

Features + Benefits

Alternative method to condensate removal disposal and suitable for all models/ brands of air source heat pumps

Made from pre-bagged geo-textile material to prevent soil ingress

Pre filled with lightweight granules

DiversiTech Air Source Heat Pump Soak-Away

ASHP-SOAK

Air Source Heat Pump Soak-Away

	Inlet	Diameter	Height	Capacity
	32mm	400mm	400mm	10-15 litres per hour

Easy To Install

new



DiversiTech Rotary Enclosed Isolators

Insulated 4-pole rotary enclosed isolators are CE marked and suitable for disconnecting the power supply to outdoor air conditioning units. The isolators are weatherproof to IP65, easy-to-install, and conform to IEC 60947-3. They have a lockable OFF position and interlocking cover which can be removed only in the OFF position. Earth and neutral terminals included and M20/25 knockouts up to 63A.

Features + Benefits

Weatherproof to IP65

Easy installation

M20/25 knockouts up to 63A

Handle lockable in off position

Interlocked cover - removable in off position only

Earth and neutral terminals included

Captive, retained cover screws

Conforms to IEC 60947-3

DiversiTech Rotary Enclosed Isolators

	No. of Poles	AMPS AC21	AC23 A 240VA	AC23 A 400VA	Cable Capacity				
					Solid	Stranded	Height	Width	Depth
IS-4P-32A-G	4	32amp	11kW	7.5kW	1-16mm ²	0.75-10mm ²	175mm	114mm	135mm
IS-4P-40A-G	4	40amp	15kW	11kW	1-16mm ²	0.75-10mm ²	175mm	114mm	135mm

Heat Pump Installer Packs

Guarantees

2 Years

on Inta Heat Pump Installer Packs



Inta 28mm Heat Pump Installer Pack
Data Sheets, Installation
Instructions + Maintenance

Inta 28mm Heat Pump Installer Pack

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

Features + Benefits

Inta Zero Anti-Freeze Valve – See page 10

Inta Flexible Connection Hoses – See page 18

Inta K-Type Extended External Ball Valves – See page 12

Inta K-Type Ball Valves Insulation – See page 13

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 1 1/4"Female x 1" Male Adaptor
- 1 x Bond + Seal

Guarantees

2 Years
on Inta Heat Pump Installer Packs

Heat Pump Installer Packs



Inta 35mm Heat Pump Installer Pack
Data Sheets, Installation
Instructions + Maintenance



Inta 35mm Heat Pump Installer Pack

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

Features + Benefits

Inta Zero Anti-Freeze Valve – See page 10

Inta Flexible Connection Hoses – See page 18

Inta K-Type Extended External Ball Valves – See page 12

Inta K-Type Ball Valves Insulation – See page 13

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

INHPKIT114

Inta 35mm Heat Pump Installer Pack

Chemicals

new



Adey MC10+® Biocide

With a dual biocide formulation, MC10+ tackles algae and biological contamination in low-temperature systems including underfloor heating. Extra concentrated, containing two active ingredients, it's more effective than single biocide products.

Features + Benefits

High performance dual biocide with two separate active ingredients making it more effective than a single biocide

Prevents bacterial contamination and algae

Ensures efficient system operation



CH1-03-03268

Adey MC10+® Biocide (500ml)

new



Adey MC1 Protector Liquid

High performance corrosion and scale inhibitor, MC1 is formulated to protect the central heating system. Built to keep the boiler working efficiently and help protect the system and boiler so it lasts longer. MC1 is formulated to prevent magnetite and other deposits forming, reducing debris buildup and preventing component wear and tear.

Features + Benefits

Protects against corrosion and scale

Maintains heating efficiency

Helps reduce heating costs and maintenance bills

Extends the central heating system's lifetime



MC1P

Adey MC1 Protector Liquid (500ml)

new



Adey MC3 Cleaner Liquid

MC3 Cleaner has been developed specifically to keep heating systems free from debris. Once added, its powerful formulation gets to work on breaking down magnetite and other sludge in as little as an hour.

Features + Benefits

Removes sludge, debris and scale

Restores heating efficiency

Suitable for all heating systems

Fast acting formula, works within 1 hour of dosing



MC3C

Adey MC3 Cleaner Liquid (500ml)

new

Anti
Freeze



Adey MCZero+ Anti-Freeze

MCZero+® is a concentrated monopropylene-based glycol solution designed to prevent freezing in all types of water. The formulation also contains an inhibitor to protect against corrosion and scale formation, and biocide to prevent bacterial contamination. Specially designed to protect low-temperature heating and cooling systems.

Features + Benefits

Prevents water freezing

Prevents corrosion, scale formation and microbial growth

Protection at -3°C at a 10% concentration

Mild steel protection prevents magnetite generation



CH1-03-03455

Adey MCZero+ Anti-Freeze (10 Litre)

CH1-03-03113

Adey MCZero+ Anti-Freeze (25 Litre)

Chemicals



Anti
Freeze



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.

Features + Benefits

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)



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 Alpha-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.

Features + Benefits

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



new



Scalemaster® Sanitising Fluid

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.

Features + Benefits

Effective against organic contaminants/pollutants – bacteria & viruses, micro-organisms & mould, biofilms & slime

Includes test strips to measure diluted concentration



508498 Scalemaster® Sanitising Fluid (1 Litre)

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.

Features + Benefits

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



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



Scalemaster® HP-PRO Heat Transfer Fluid for Heat Pumps

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

Features + Benefits

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

Helps prevent 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



509006

Scalemaster® HP-PRO Heat Transfer Fluid for Heat Pumps (5 Litre)

509013

Scalemaster® HP-PRO Heat Transfer Fluid for Heat Pumps (10 Litre)

509020

Scalemaster® HP-PRO Heat Transfer Fluid for Heat Pumps (20 Litre)

new



Scalemaster® HP-PRO Biocide Top-Up Treatment for Heat Pumps

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

Features + Benefits

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



509068

Scalemaster® HP-PRO Biocide Top-Up Treatment for Heat Pumps (250ml)

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

Features + Benefits

Ideal for treating new systems prior to adding Heat Transfer Fluid

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



504247

Instinct Pro IN-300 System Cleaner (250ml)

Guarantees

3 Years
on Scalemaster® Suprion Scale Inhibitors

Scale Inhibitors

Suprion – Technologically Advanced Physical Water Treatment



Proven longevity with no decline in performance

950211
EH-12E 15



950228
EH-75

Requires no electrical power



950235
EH-100

Protects the mains water circuit of electric domestic heating & hot water immersion systems, including those with heat pumps

new

Easy To Install

Removes Limescale

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.

Features + Benefits

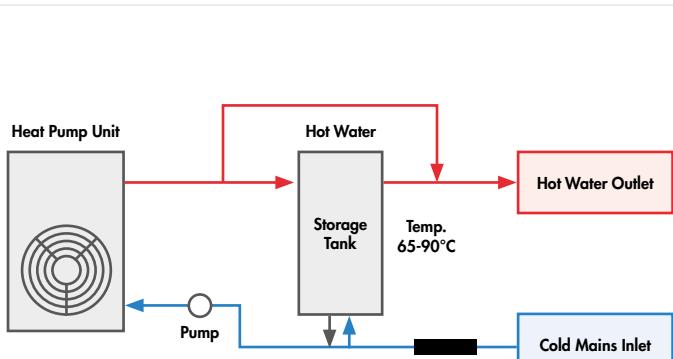
Effective solution in **preventing hard water limescale buildup** and **gently removing existing limescale**

Protecting the mains water circuit of electric domestic heating & hot water immersion systems, including those with heat pumps (US 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

Scalemaster® Suprion Scale Inhibitors

		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

Hydronic UFH

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**Our frequently ordered
Hydronic UFH products...**



**Stainless Steel Manifold
(Hydraulic Balancing)**
Page 36



**Blending Valve
+ Pump Pack
(Bastion Pump)**
Page 38



**Single Room
Control Pump Pack
(Wilo Pump)**
Page 39

Underfloor Heating Designs Made Simple

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

Heat Load Calculations

Simplify your heat load calculations in alignment with industry standards

System Sizing

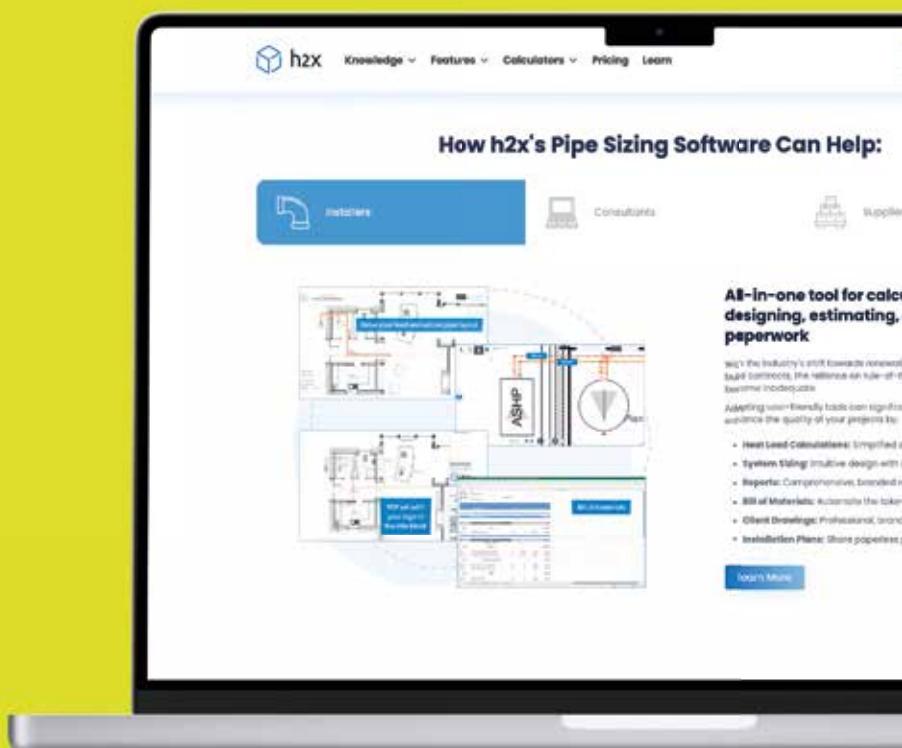
Automatically generate loop layouts with required pipe spacings

Reports + Client Drawings

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

Bill of Materials

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



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

Manifold

Guarantees

5 Years
on Stainless Steel Manifold

Stainless Steel Manifold in 2 to 12 Ports (Hydraulic Balancing)

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

Features + Benefits

- 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



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



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

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

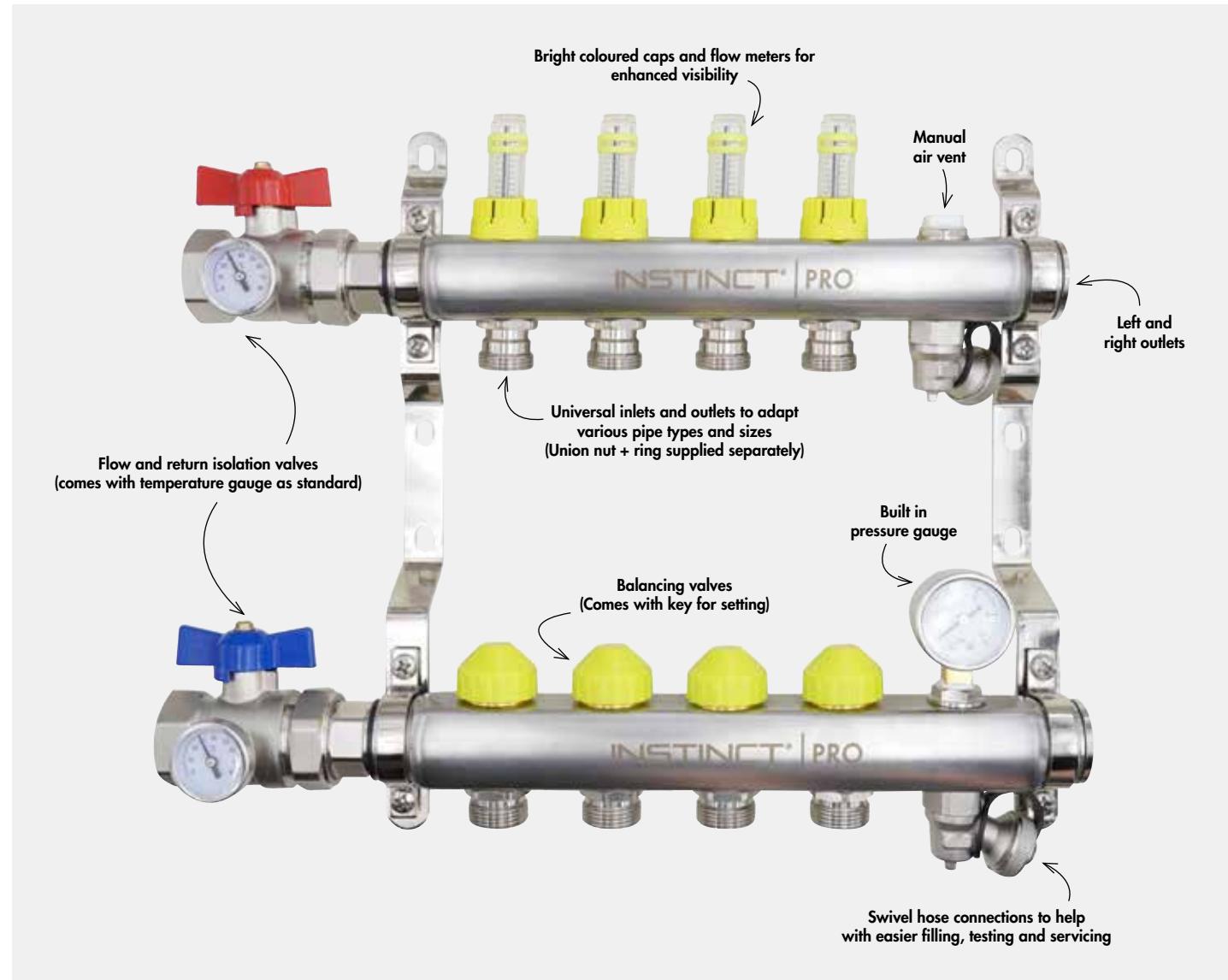
No. of Outlets	1	2	3	4	5	6	7	8	9	10	11	12
Kv	1.02	1.65	2.23	2.55	2.81	2.97	3.13	3.26	3.34	3.38	3.42	3.50

Guarantees

5 Years on Stainless Steel Manifold **5** Years on 230V UFH Actuator

Manifold

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



230V UFH Actuator

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

Features + Benefits

- Normal Closed (NC)
- Complete compatibility to valve adapter system
- Simple snap-on installation
- 360° installation position
- Patented 100% protection against leaky valves
- First open function (NC type only)
- Adaptation check on valve
- Alignment aid on the valve
- Surge protection
- Certified by LL-C

Finish – Yellow
Dimensions – 62(h) x 42(w) x 42(d) mm
Stroke – 3mm
Power Consumption – 2W

IN-2033-230V 230V UFH Actuator



Specification

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



Blending Valve + Pump Pack

Guarantees

5 Years on Blending Valve

5 Years on Bastion Pump

2 Years on Wilo Pump



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.

Features + Benefits

Supplied with A-rated 6m **Bastion Pump** and 3/4" ball valves

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

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

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

UHF Blending Valve + Pump Pack (Bastion Pump)

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.

Features + Benefits

Supplied with A-rated 6m **Wilo Pump** and 3/4" ball valves

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

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

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

UHF Blending Valve + Pump Pack (Wilo Pump)

Guarantees

5 Years
on Single Room Control Pump

5 Years
on Bastion Pump

2 Years
on Wilo Pump

Single Room Control Pump Pack



Single Room Control Pump Pack (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.

Features + Benefits

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 1/2" to 3/4" 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

UFH Single Room Control Pump Pack (Bastion Pump)



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.

Features + Benefits

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 1/2" to 3/4" 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

UFH Single Room Control Pump Pack (Wilo Pump)

Replacement Pumps



Bastion Pump

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



Wilo Pump

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

Pipes

Guarantees

50 Years
on UFH Pipes

PERT EVOH Lightweight + Ultra-Flexible Pipe



PERT EVOH Pipe (12mm – 3 Layers)

The INSTINCT PRO 12mm 3-layer pipe is made up of an oxygen barrier, a layer of adhesive, and a layer of PERT pipe. **Lightweight** and **ultra-flexible, easy to bend**, our PERT EVOH 12mm barrier pipe is the ideal choice for hassle-free routing and reduced installation time.

Features + Benefits

Pipe Dimensions – **12mm x 1.6mm, 3 Layers**

Finish – Yellow

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

PERT EVOH Pipe (16mm – 5 Layers)

The INSTINCT PRO 16mm 5-layer pipe is made up of an oxygen barrier, 2 layers of adhesive, and 2 layers of PERT pipe. **Lightweight** and **ultra-flexible, easy to bend**, our PERT EVOH 16mm barrier pipe is the ideal choice for hassle-free routing and reduced installation time.

Features + Benefits

Pipe Dimensions – **12mm x 2mm, 5 Layers**

Finish – Yellow

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

PERT-AL-PERT (MLCP) Aluminium Lined Pipe



PERT-AL-PERT Pipe (12mm – 5 Layers)

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. Our professional-grade PERT-AL-PERT 12mm (multilayer) pipe is the perfect choice for underfloor heating installations, offering the benefits of both plastic and metal.

Features + Benefits

Pipe Dimensions – **12mm x 1.6mm, 5 Layers**

Finish – White

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

PERT-AL-PERT Pipe (16mm – 5 Layers)

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. Our professional-grade PERT-AL-PERT 16mm (multilayer) pipe is the perfect choice for underfloor heating installations, offering the benefits of both plastic and metal.

Features + Benefits

Pipe Dimensions – **16mm x 2mm, 5 Layers**

Finish – White

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

Guarantees

2 Years
on UFH 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.

Features + Benefits

For use with 16mm pipe

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



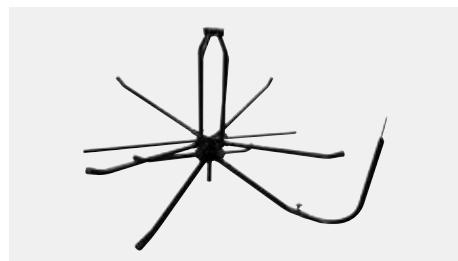
IN-CLG01	Standard Clip Gun
ZL-CL01	40mm Tracker Clips
ZL-CL02	60mm Tracker Clips

Aluminium Spreader Plate

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



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



Premier Uncoiler

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

IN-1235E



Pressure Test Pump

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

IN-RP-50



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

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

ZL-RE01



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

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)

Tools + Spares

Guarantees

2 Years on UFH Tools + Spares

new



MLCP Calibration Beveling Set

For multilayer composite and Pex pipe up to Ø32mm.

Features + Benefits

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

new



new



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

new



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

new



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

new



3/4" Ball Valve Set (for Blending Valve Red + Blue – Pair)

These 3/4" 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

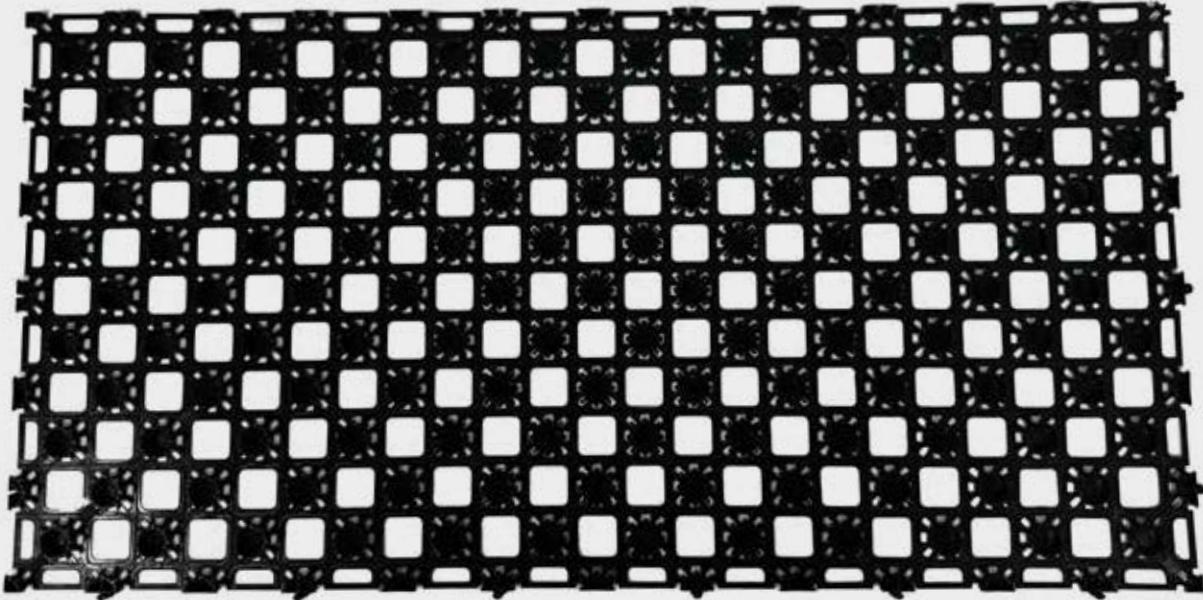
Guarantees

2 Years
on SpiderFix Panels

Panels

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

new



Available
Jan 2026

Easy To
Install

Durable
Material

Versatile
Flooring

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.

Features + Benefits

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

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



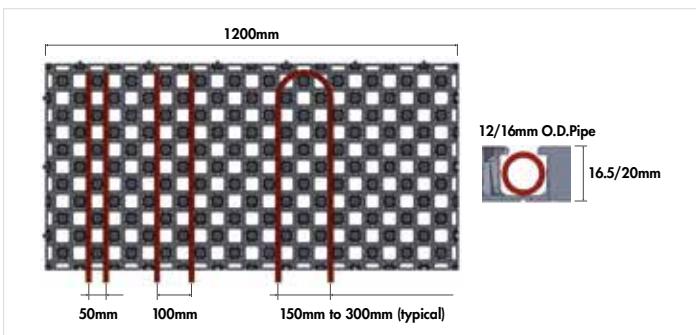
Ensures even heat distribution and faster system response

SP-12

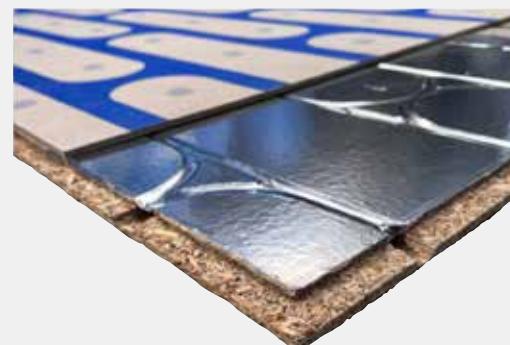
SpiderFix Panel (for 12mm Pipe)

SP-16

SpiderFix Panel (for 16mm Pipe)



Floor Boards



Fibre Reinforced Gypsum Board

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

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

Features + Benefits

Efficient and fast transfer of heat

Suitable for all types of 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 W/mk thermal conductivity

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

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.

Features + Benefits

High heat output, with foil facing and pipe centre options

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

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

Fibre Cement Cover Boards (Printed with Pipe Layout Design)

INBACKER0061200900PRINT

1200 x 900 x 6mm

Floor Boards

new



Routed Extruded Polystyrene Board (XPS300)

A range of high quality underfloor heating insulation boards provide extremely high compressive strength, with 300kPa from 18mm thickness offered as standard.

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

Features + Benefits

High thermal performance, with an option of foil facing

Suitable for all types of 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 W/mK thermal conductivity

300kPa compressive strength

<0.7% (EN 12087) moisture absorption

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



Routed Extruded Polystyrene Board (XPS500)

A range of high compressive strength extruded polystyrene underfloor heating boards, with 500kPa offered as standard.

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

Features + Benefits

High thermal performance, with an option of foil facing

Suitable for all types of 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 W/mK thermal conductivity

500kPa compressive strength

<0.7% (EN 12087) moisture absorption

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

Plain Faced UFH Heating Panel (with Serpentine Loops + 3 Cross Runs)

INXPS0186001200(300)R-12/150 1200 x 600 x 18mm for 12mm Pipes

INXPS0206001200(300)R-16/150 1200 x 600 x 20mm for 16mm Pipes

INXPS0256001200(300)R-16/150 1200 x 600 x 25mm for 16mm Pipes

50mu Foil Faced UFH Panel (with Serpentine Loops + 3 Cross Runs)

INXPS0186001200(300)12/150-FF 1200 x 600 x 18mm for 12mm Pipes

INXPS0206001200(300)16/150-FF 1200 x 600 x 20mm for 16mm Pipes

INXPS0256001200(300)R-16/150-FF 1200 x 600 x 25mm for 16mm Pipes

Plain Faced UFH Heating Panel (with Serpentine Loops + 3 Cross Runs)

INXPS166001200(500)12/150 1200 x 600 x 16mm for 12mm Pipes

INXPS206001200(500)16/150 1200 x 600 x 20mm for 16mm Pipes

50mu Foil Faced UFH Panel (with Serpentine Loops + 3 Cross Runs)

INXPS166001200(500)12/150FF-50 1200 x 600 x 16mm for 12mm Pipes

INXPS206001200(500)16/150FF-50 1200 x 600 x 20mm for 16mm Pipes

100mu Foil Faced UFH Panel (with Serpentine Loops + 3 Cross Runs)

INXPS166001200(500)12/150FF-100 1200 x 600 x 16mm for 16mm Pipes

INXPS206001200(500)16/150FF-100 1200 x 600 x 20mm for 16mm Pipes

Floor Boards

new



new



EPS Board

High compressive strength underfloor heating boards, featuring CNC grooved channels for UFH pipes to be installed. A foil-faced version of the boards is also available, offering even greater heat outputs

EPS insulation boards provide extremely efficient and high performance under floor heating for building occupants and are ideal for residential developments.

Features + Benefits

High compressive strength with an option of aluminium foil facing

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

Excellent thermal resistance

Can be used as part of an acoustic floating floor system

0.033 Wmk thermal conductivity

400kPa compressive strength

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

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.

Features + Benefits

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**

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

Plain Faced UFH Heating Panel (with Serpentine Loops + 3 Cross Runs)

INEPS0206001200(400)R-16/150 1200 x 600 x 20mm for 16mm Pipes

INEPS0256001200(200)R-16/150 1200 x 600 x 25mm for 16mm Pipes

50mu Foil Faced UFH Panel (with Serpentine Loops + 3 Cross Runs)

INEPS0206001200(400)FF12150-50 1200 x 600 x 20mm for 16mm Pipes

INEPS0256001200(200)FF-12/150 1200 x 600 x 25mm for 16mm Pipes

100mu Foil Faced UFH Panel (with Serpentine Loops + 3 Cross Runs)

INEPS0206001200(400)FF12150-100 1200 x 600 x 20mm for 16mm Pipes

Floor Boards

Quick To Install

new



Quick To Install

new



Quick To Install

new



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 screed floor finishes.

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

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

Features + Benefits

Lightweight, easy to handle and quick to install

100% recyclable (Zero VOC's, Zero 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 polyethylene 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

Acoustic Edge Roll

High performance straight edge acoustic flanking strips. Install in conjunction with acoustic flooring and wall lining products to isolate the treatments from walls, skirting boards and all abutments, reducing the risk of flanking transmission occurring and acoustic failure.

Features + Benefits

Isolate floors and walls to prevent floors failing Part E sound testing

Available in multiple widths

Lightweight, easy to handle and quick to install

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

-40°C to +60°C working temperature

0.02 - 0.03 mg/cm² water absorption

Extruded closed cell polyethylene foam material

Finish – White

Quantity – 1

Dimensions – 100(h) x 600(w) x 600(d) mm

INDGEA0510050

5mm x 100mm x 50m

Acoustic 'L' Shaped Flanking Strips

Acoustic 'L' shaped soundproofing strips installed around the floor perimeter of acoustic floor treatments. They isolate the acoustic flooring from the walls and skirting boards / door frames, and prevent potential acoustic flanking transmission occurring.

Features + Benefits

White colour speeds up build times compared to other colour options

Isolate floating floor and prevent floors failing Part E sound testing

Lightweight, easy to handle and quick to install

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

Finish – White

Quantity – 1

Dimensions – 32(h) x 32(w) x 2000(d) mm

INDGEL09032

32mm x 32mm x 2000mm

Electric UFH

Section	Page No.
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DCM-PRO™	50
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Thermostats	
new Warmup 7iE™ Smart Matter WiFi Thermostat	54
Warmup Element™ WiFi Thermostat	55
Warmup Tempo™ Programmable Thermostat	55

Our frequently ordered
Electric UFH products...



Warmup Element™ WiFi Thermostat
Page 55



Warmup 7iE™ Smart Matter WiFi Thermostat
Page 54

Electric UFH

Thermostats

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

Electric Underfloor Heating Features

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



Touch Controls
Multi function touchscreen providing effortless control at your fingertips.



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



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



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



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



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



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



IP20
The thermostat is touchproof and will be resistant to dust or objects that are over 12mm in size. However, it has no protection whatsoever against water.



IP33
IP33 Rated
The thermostat is protected from tools and wires greater than 2.5mm. Protected from water spray less than 60 degrees from vertical.

new "Turn up my Warmup heating in the kitchen to 22 degrees"

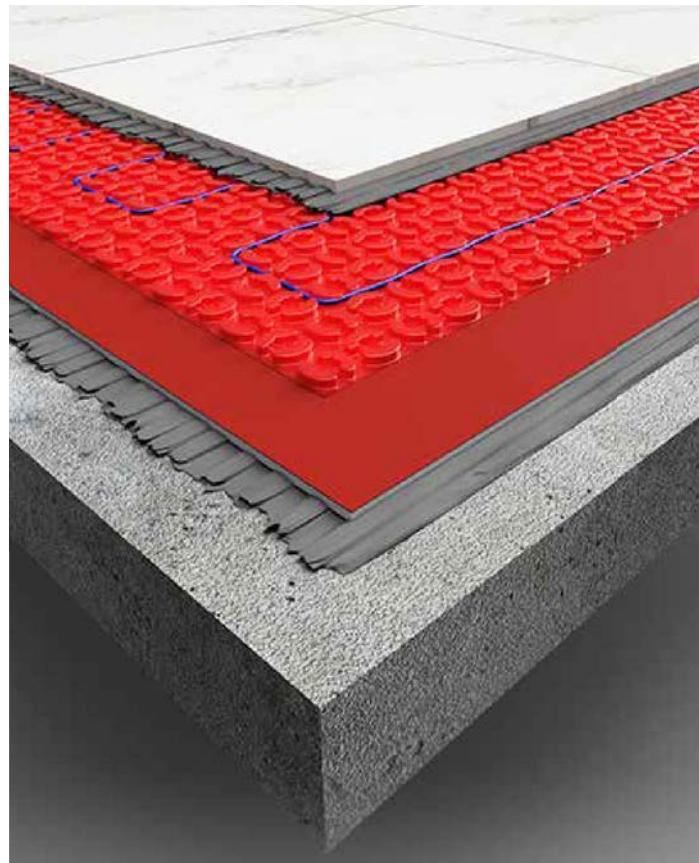
See page 54 to find out more

matter

works with Google Home works with Apple Home works with alexa

Materials

DCM-PRO™



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



DCM-PRO™ – Heated Decoupling System

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

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

Anti-Fracture Protection

DCM-PRO™ Peel and Stick uses a viscous adhesive that absorbs the strain created as the subfloor grows and shrinks with the seasons, protecting the floor finish from excessive stress that would otherwise cause cracks.

DCM-PRO™ Fleece uses a traditional decoupling fleece layer, perfect for use with levellers or for installation on damp or coarse subfloors.

For a Variety of Floor Finishes

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

Fastest to Install

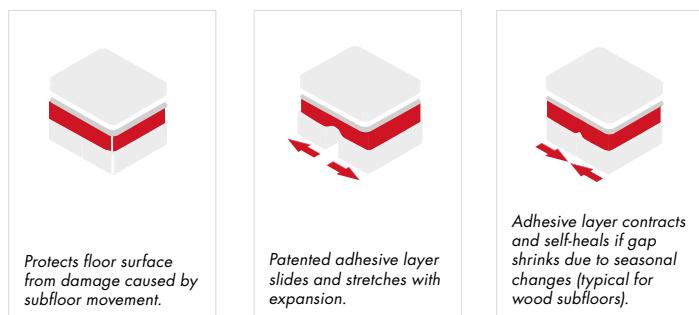
DCM-PRO™ Peel and Stick with its self-adhesive underside can be affixed directly to the subfloor, eliminating the need to use tile adhesive below, significantly reducing installation time.



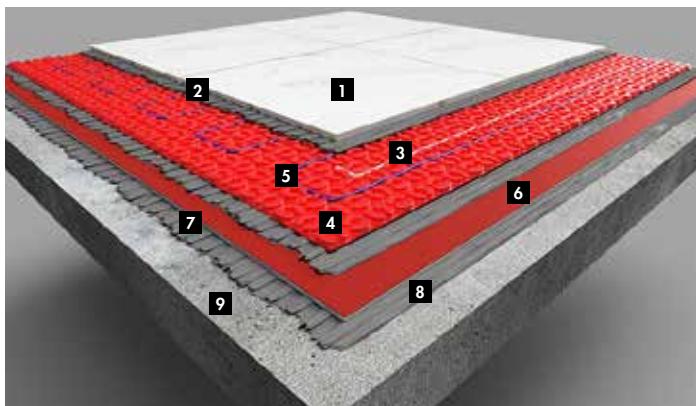
Protects Floor from Damage

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

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



Typical Floor Build-Up



1 Floor Finish

2 Flexible Adhesive

3 Floor Sensor

4 Decoupling Membrane (with adhesive backing)

5 Heating Cable

6 Warmup Ultralight™ (optional)

7 Flexible Tile Adhesive (optional)

8 Warmup Primer

9 Pre-insulated Subfloor (with a surface regularity of SR1*)

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

DCM-PRO™ Mat V3 – Specification

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

Materials

DCM-PRO™

DCM-PRO™ Cables – Specification

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

Convenient Sizing

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

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

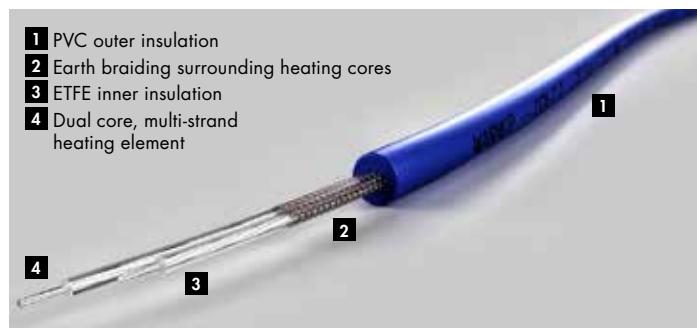
DCM-PRO™ 150 W/m² – based on 3 castellations (standard)

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

Heated area at different spacings, m²

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

Cable Section



DCM-PRO™ Mat V3 – Product

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

DCM-PRO™ Cables – Ancillaries

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



Peel + Stick Mat



Fleece Mat



Perimeter Edge Strip



Waterproofing Tape



Waterproofing Tape Internal



Waterproofing Tape External

F&Qs

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

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

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

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

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

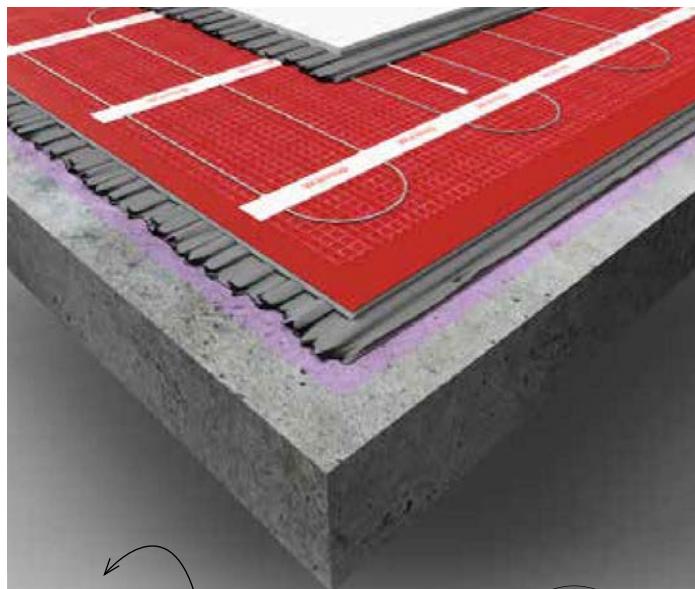
A – Straight away. One of the main advantages of the self-adhesive properties of the DCM-PRO™ is no waiting time. As soon as the mat is fitted, cable installed and cable resistance checked, tiling or self-levelling can be started.

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

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

Materials

StickyMat™



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



StickyMat™ – Heated Mat System

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

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

Quick + Easy Installation

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

No Increase In Floor Levels

With an ultra-thin, dual fluoropolymer coated heating wire

Suitable For All Builds

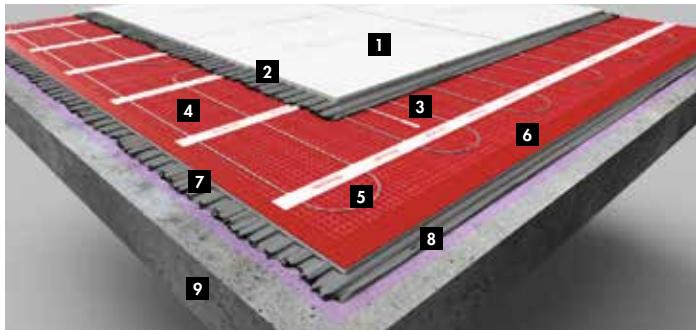
StickyMat™ underfloor heating system is suitable for all building projects; retrofits, new builds and refurbishments

StickyMat™ – Specification

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



Typical Floor Build-Up



1 Floor Finish

2 Flexible Adhesive

3 Floor Sensor

4 Fibreglass Mesh (with pressure sensitive adhesive)

5 Heating Cable

6 Warmup Ultralight™ (optional)

7 Flexible Tile Adhesive (optional)

8 Warmup Primer

9 Pre-insulated Subfloor (with a surface regularity of SR1*)

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

StickyMat™ – 150W/m² System

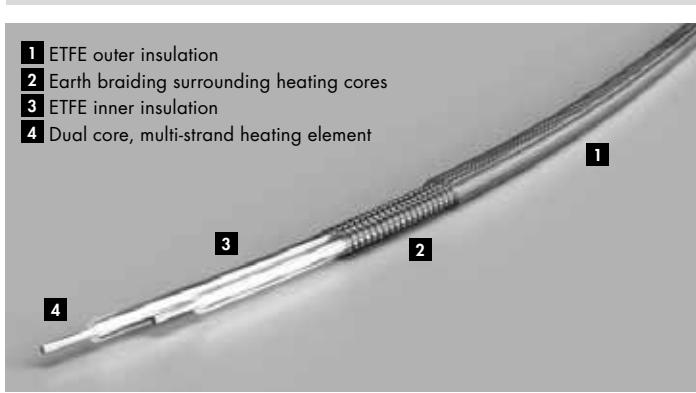
	Area Heated	Wattage	Amps
SPM1	1m ²	150W	0.65A
SPM1.5	1.5m ²	225W	0.98A
SPM2	2m ²	300W	1.30A
SPM2.5	2.5m ²	375W	1.63A
SPM3	3m ²	450W	1.96A
SPM3.5	3.5m ²	525W	2.28A
SPM4	4m ²	600W	2.61A
SPM4.5	4.5m ²	675W	2.93A
SPM5	5m ²	750W	3.26A
SPM6	6m ²	900W	3.91A
SPM7	7m ²	1050W	4.57A
SPM8	8m ²	1200W	5.22A
SPM9	9m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

StickyMat™ – 200W/m² System

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

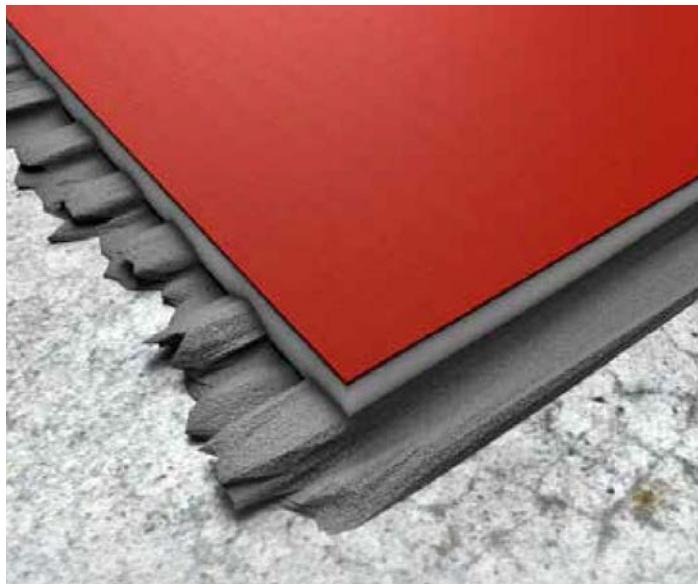
Cable Section

- 1 ETFE outer insulation
- 2 Earth braiding surrounding heating cores
- 3 ETFE inner insulation
- 4 Dual core, multi-strand heating element



Materials

Warmup Ultralight™



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



Warmup Ultralight™

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

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

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

• Improves Comfort and Reduces Running Costs

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

• Reduces eUFH Heat Up Times

30% faster heat up times than standard insulation boards

• Protection Against Tiles Cracking

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

Heat Spread

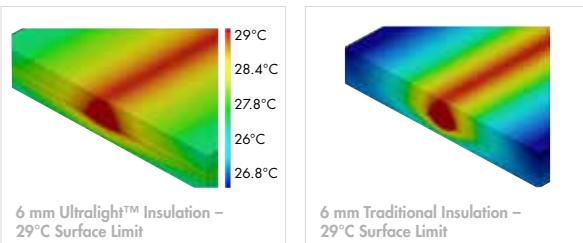
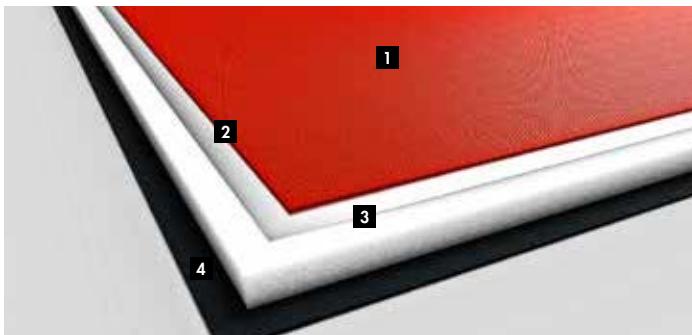


Fig. 1 – Improved Heat Spread of Ultralight™ Vs Traditional Insulation
When operating at a 29°C maximum surface temperature, traditional insulation would result in a minimum surface temperature just below 26°C. By comparison, Ultralight™ increases this to 27.5°C resulting in increased comfort and a 10.5% 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) x 1200mm (L) ±6mm
Area	0.96m ²
Weight of Board	1.1kg
Thermal Resistance EN 12667	0.111m ² K/W
Thermal Conductivity EN 12667	0.054 W/mK
Reaction To Fire, EN 13501-1EN ISO 11952-2	Euroclass E
Release of Dangerous Substances, REACH	SVHC ≤ 0.1% w/w
Compressive Strength, 10% Compression, EN 826	220 kPa
Point Loading, Tiled ANSI A118.12	≥ 2.2 kN
Robinson Test, 100 - 199 mm Tiles, ASTM C627	Domestic
Robinson Test, 200 - 599 mm Tiles ASTM C627	Light Commercial
Robinson Test, ≥ 600 mm Tiles ASTM C627	Heavy Commercial
7 Day Shear Strength, ANSI A118.12	113 psi (780 kPa)
Crack Resistance (Anti-Fracture / Decoupling), ≥ 1/8" => High Performance ANSI A118.12	
Long Term Water Absorption, EN 12087	0.052% w/w
Water Vapour Permeability, EN 12086	9.12 mg/m ² h
Mould Growth, ANSI A118.12	Does not support mould growth

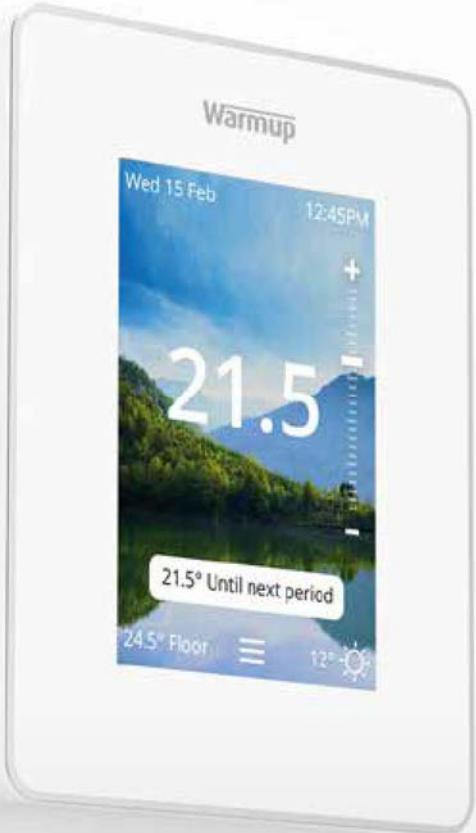
Warmup Ultralight™ Insulation – Product

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

Thermostats

Warmup 7iE™ Smart Matter WiFi Thermostat

new



Warmup's 7iE™ Smart Matter WiFi Thermostat

World's first UFH controller with a Smartphone touchscreen.

The 7iE uses advanced technology to maximise 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.

Expert Heating Support

Includes expert heating support through its access to Smartcare, which provides proactive system monitoring and market-leading support for life.



7iE™ Smart Matter WiFi Thermostat – Onyx Black



7iE™ Smart Matter WiFi Thermostat – Bright Porcelain

Features + Benefits

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%

Finish – Onyx Black or Bright Porcelain

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



7IE-01-OB-DC

Onyx Black

7IE-01-BP-LC

Bright Porcelain

Warmup 7iE™ Smart Matter WiFi Thermostat – Specification

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™ WiFi Thermostat



Features + Benefits

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

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

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

Compatible with all Warmup Underfloor Heating Systems

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

Helps find the most efficient heat settings for your home

Finish – Dark or Light

Dimensions – 86(h) x 86(w) x 16(d) mm



ELM-01-OB-DC

Dark (Band Colour – Dark Chrome)

ELM-01-WH-RG

Light (Band Colour – Rose Gold)

Warmup Tempo™ Programmable Thermostat



Features + Benefits

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

Finish – Piano Black or Porcelain White

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



ELT-PB

Piano Black

ELT-PW

Porcelain White

INSTINCT®

ideal
HEATING

Hot Water Cylinders that work in harmony with your boiler

Combining quality, durability, and efficiency, the Instinct hot water cylinder range has been designed to work hand-in-hand with your boiler for excellent results. Available in sizes of up to 300 litres, Instinct's hot water cylinders can help keep your home comfortable all year round —whatever your central heating needs.

25 year vessel warranty

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

Perfect for homes that have a high demand for hot water

Corrugated heating coil

Manufactured from duplex stainless steel

Manufactured in the UK



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



Visit instinctproducts.co.uk
and find your local stockist

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Heating Features

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

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

Our frequently ordered Heating products...

Easy To Install



Ideal Instinct² Boilers
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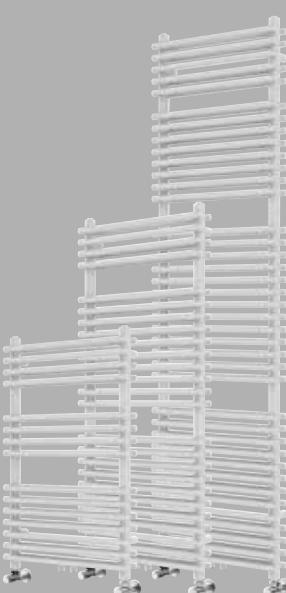
Ideal Heating Cylinders
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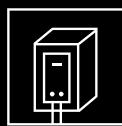


Tulla Towel Rails
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ideal
HEATING

INSTINCT²

24 30 35 Combi Boilers



Compact cupboard fit



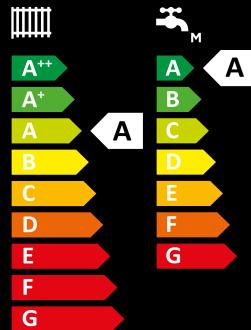
Low lift weight



OpenTherm ready



Easy to read
pressure gauge



NOx class 6



Frost protection



Improved digital display

Guarantees

5 Years
on Ideal Instinct² Combi Boilers

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.

Features + Benefits

Quick and easy to install

Compact cupboard fit design

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

Tried and tested technology (inc. Grundfos pump)

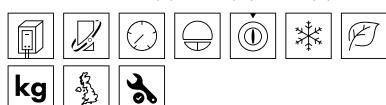
Fast Fix flue turret connections

Ideal OpenTherm wired room thermostat available for
Boiler Plus compliance 221527

Fully supported by Ideal Service Division

Finish – White

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



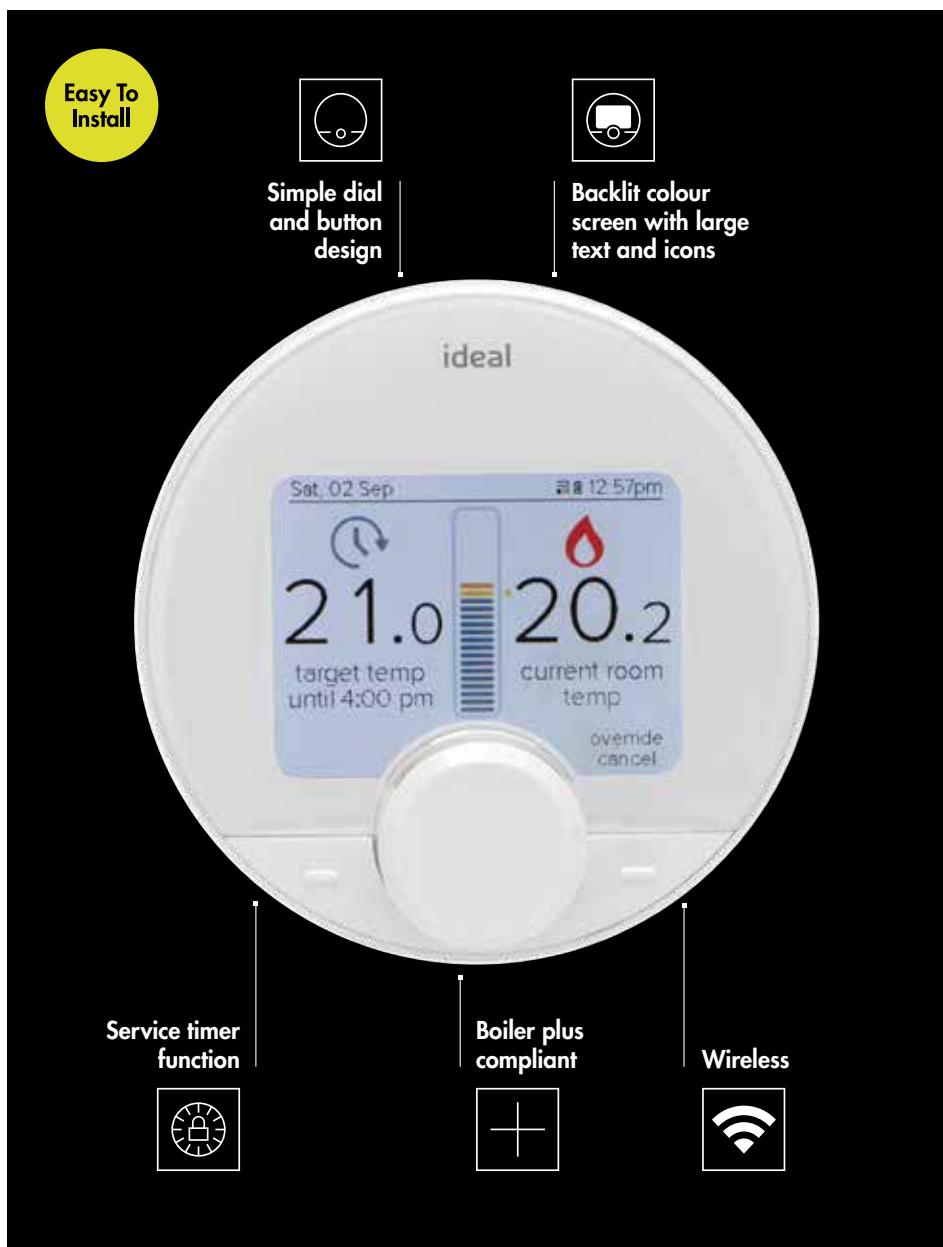
Specification	Instinct ² 24	Instinct ² 30	Instinct ² 35
Weight (packaged) (kg)	33.7	33.7	33.8
Max installation weight (kg)	29.9	29.9	30.0
CH output (kW) min/max mean 70°C	4.8 – 24.2	6.1 – 24.2	7.1 – 24.2
CH output (kW) min/max mean 40°C	5.1 – 25.6	6.4 – 25.6	7.5 – 25.6
DHW output (kW) max	24.2	30.3	35.3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



Boilers

Guarantees

2 Years
on Ideal Thermostat



Ideal Halo Lite RF Thermostat

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

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

Features + Benefits

Designed specifically to work with Instinct² Boilers

Wireless control with robust signal

Maintain boiler health with on screen service and fault notifications

Fast and simple to install with out of the box pairing

Advanced settings to tailor controls to tenant and landlord needs

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

Load compensation provides **easy Boiler Plus compliance**

Frost protection for winter boiler and system protection

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

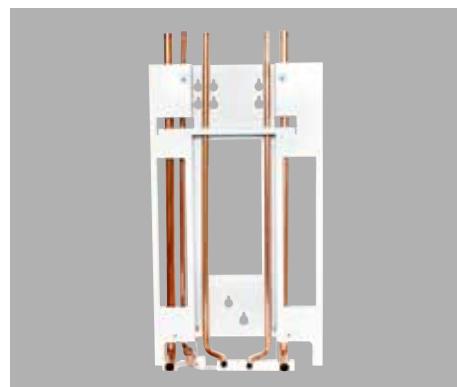
216119



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



365 days a year
UK customer service

FAST FIT EFFORTLESS SETUP

- › **Plug and play cylinders** – two pipes, one cable
- › **Quick to commission** - syncs with Halo controls
- › **Compact size, low clearance** – easy to site, easy on the eye

That's ideal.



Find out more at
idealheating.com



Pumps



Guarantees

3 Years

on Condensate Removal Pump

Condensate Removal Pump

One-piece centrifugal pump with tank.

Centrifugal pump for heavy and contaminated condensates. Suitable for gas condensing boilers producing acid (pH > 2.5) and hot condensates (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.

Features + Benefits

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

Condensate Removal Pump

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

INSTINCT® | PRO

Instinct Hot Water Cylinders

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

www.instinctproducts.co.uk

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Direct + Indirect Models

Slimline Options

INSTINCT® | PRO



Welcome to instinctproducts.co.uk

Unlock the potential of your project with our extensive range of bathroom, plumbing, and heating products online.

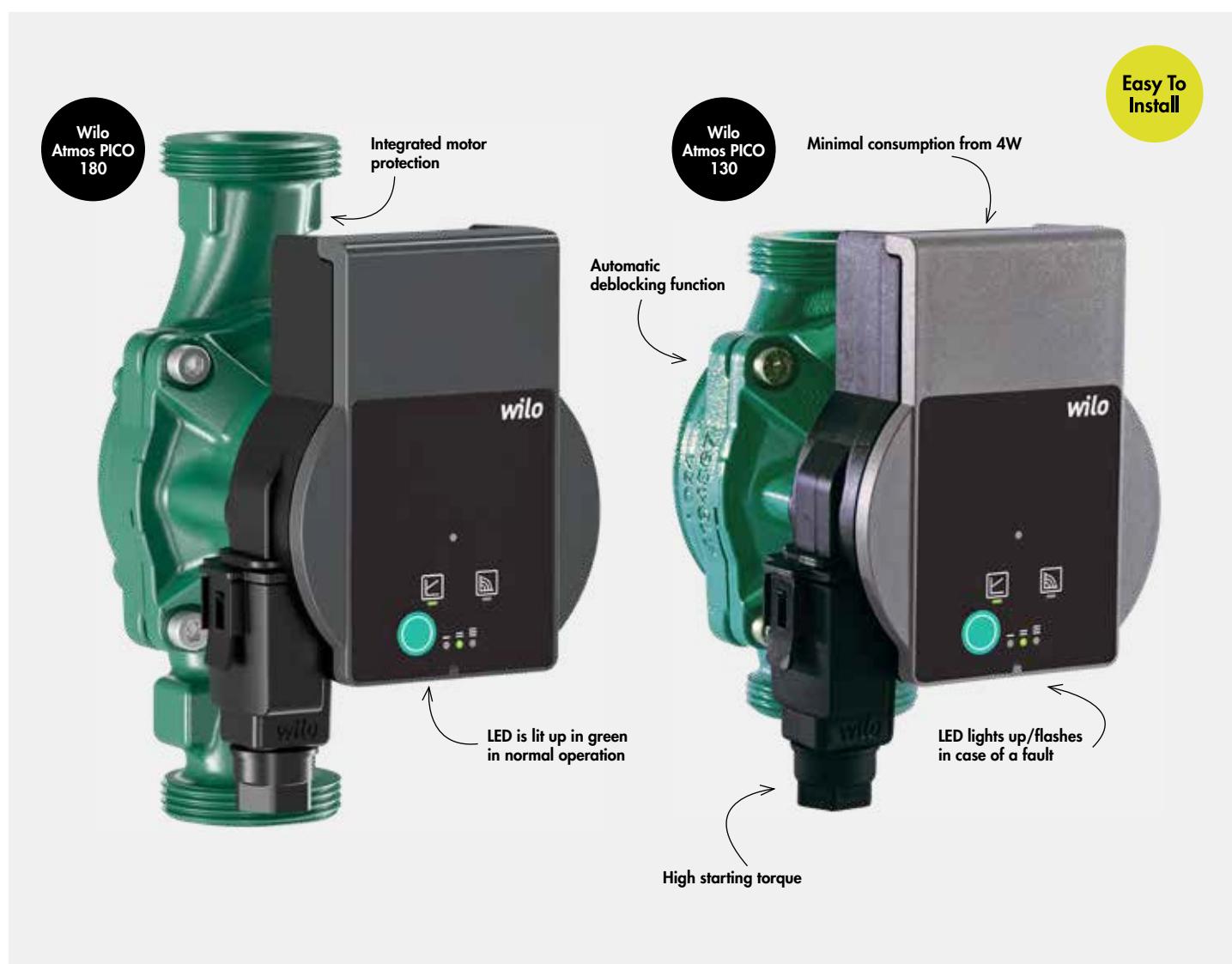
With over 3,000 top-quality products at your fingertips, you can easily find everything you need to enhance your project. Download essential documents, locate your nearest branch effortlessly, and join our community by liking and subscribing for the latest updates on news and product releases. Don't miss out – transform your projects today!

Pumps

Guarantees

5 Years

on Wilo Atmos PICO Circulating Pump



Wilo Atmos PICO Circulating Pump

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

Features + Benefits

New & redesigned small circulator pump

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

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

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

Finish – Green / Black / Grey

Dimensions –

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

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

Weight –

1.9kg (4232693), 2.3kg (4232696)



4232693

Wilo Atmos PICO 130 (6m)

4232696

Wilo Atmos PICO 180 (8m)

Atmos PICO 130 (6m)

Operating Specification

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

Atmos PICO 180 (8m)

Operating Specification

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

Guarantees

5 Years
on Wilo Yonos PICO-Z Circulating Pump

Pumps

new

Easy To Install

Low Noise

Energy Efficient



Wilo Yonos PICO-Z Circulating Pump

The compact Wilo-Yonos PICO-Z is the ideal replacement pump when switching to energy-saving circulators for domestic hot water applications in detached, semi-detached and multi-family houses. 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.

Features + Benefits

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
Weight – 1.7kg



Max 10Bar



4255416

Wilo Yonos PICO-Z

Operating Specification

Max. Operating Pressure	10 Bar
Max. Fluid Temperature	95°C
Min. Fluid Temperature	2°C
Min. Ambient Temperature	-10°C
Max. Ambient Temperature	40°C
Temperature range at max. ambient temperature	+2...+70 +40 °C
Max. permitted total water hardness	3.57 mmol/l (20°dH)

Motor Specification

Mains Connection	1~230 V, 50 Hz
Rated Power	0.03 kW
Rated Current	0.44 A
Min. Speed	700 1/min
Max. Speed	4200 1/min
Min/Max. Power Consumption	4-40 W
Emitted Interference	EN 61000-6-3
Interference Resistance	EN 61000-6-2
Electromagnetic Compatibility	EN 61800-3
Insulation Class	F
Protection Class Motor	IPX4D
Speed control	Frequency converter
Motor protection	Integrated

Materials

Pump Housing	1.4409
Impeller	PPO-GF30
Shaft	Oxide Ceramic
Bearing	Carbon-graphite

Cylinders

Ideal Instinct Indirect Pre Plumbed System Ready Cylinders

120 150 170 200 250 + 300

25

Year Guarantee[†]



Mains pressure hot water



Manufactured in the UK



Next day delivery available



Proven technologies and
quality manufacturing at a
competitive price



High corrosion resistant
duplex stainless steel



High quality fittings



Straight pipework for
easy installation



B ErP rating up to 170L model

†Guarantees

25 Years
on Vessel

Ideal Instinct Indirect Pre Plumbed System Ready Cylinders

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



Features + Benefits

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

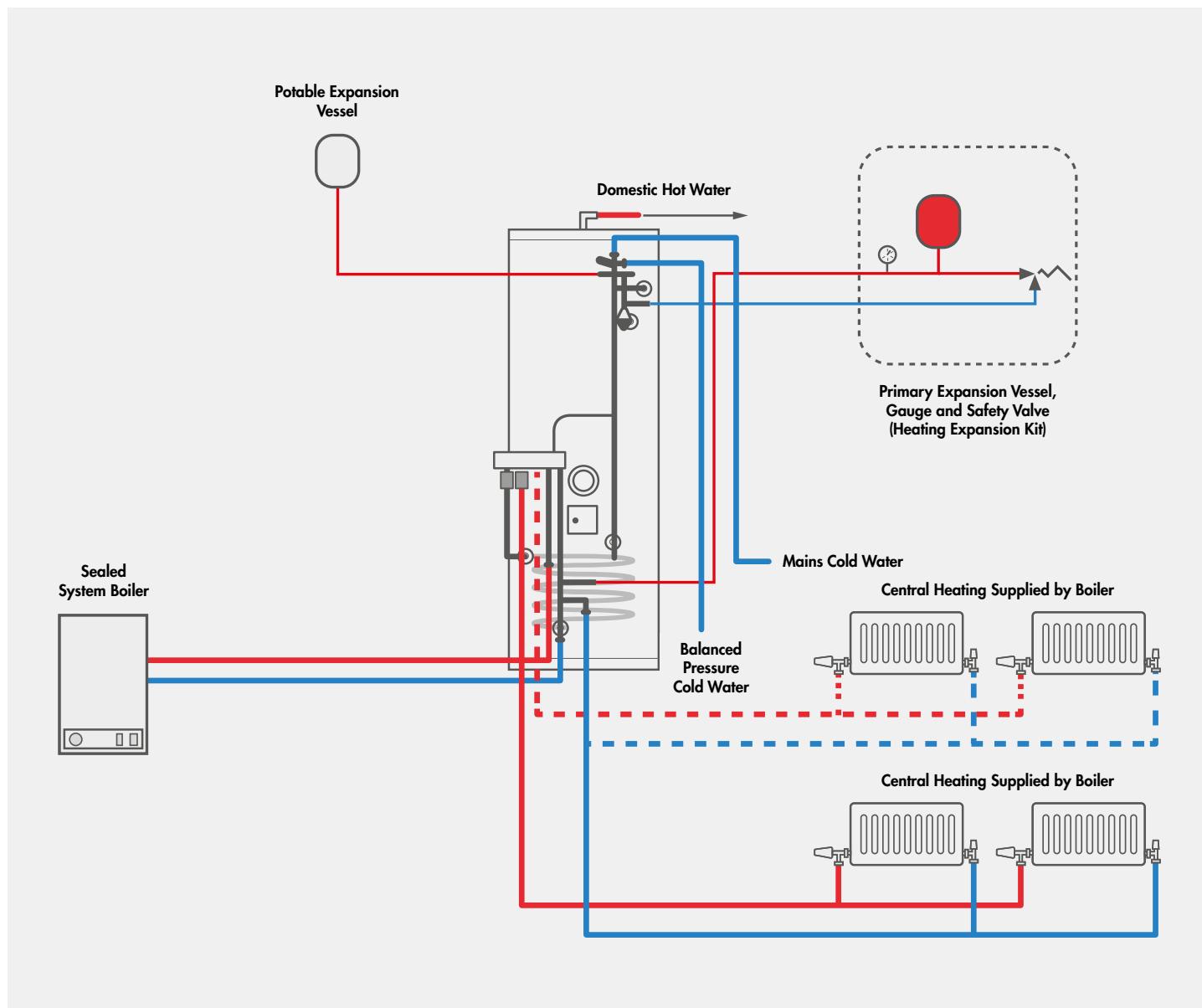
Pipe layout to suit smaller diameter cylinder to enable continuity of branding compared to PRO with wider diameter

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 Plumbing System Ready

	ErP Rating	Heat Loss	Heat Loss	Capacity	Height	Diameter
IDEINSIN12OPPSR	B	43 Watts	1.03 kWh/24h	118 Litres	832mm	530mm
IDEINSIN15OPPSR	B	52 Watts	1.24 kWh/24h	149 Litres	1012mm	530mm
IDEINSIN170OPPSR	B	57 Watts	1.37 kWh/24h	169 Litres	1131mm	530mm
IDEINSIN200OPPSR	C	65 Watts	1.56 kWh/24h	198 Litres	1305mm	530mm
IDEINSIN250OPPSR	C	79 Watts	1.89 kWh/24h	248 Litres	1603mm	530mm
IDEINSIN300OPPSR	C	92 Watts	2.20 kWh/24h	295 Litres	1895mm	530mm

Cylinders

Ideal Instinct Standard Cylinders

Features + Benefits

Highly corrosion resistant duplex stainless steel

Compression fittings included as standard

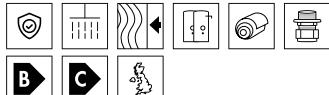
Corrugated heating coil

Available in sizes up to 300 Litres

Finish – Grey

Dimensions – See table below

Weight – See table below

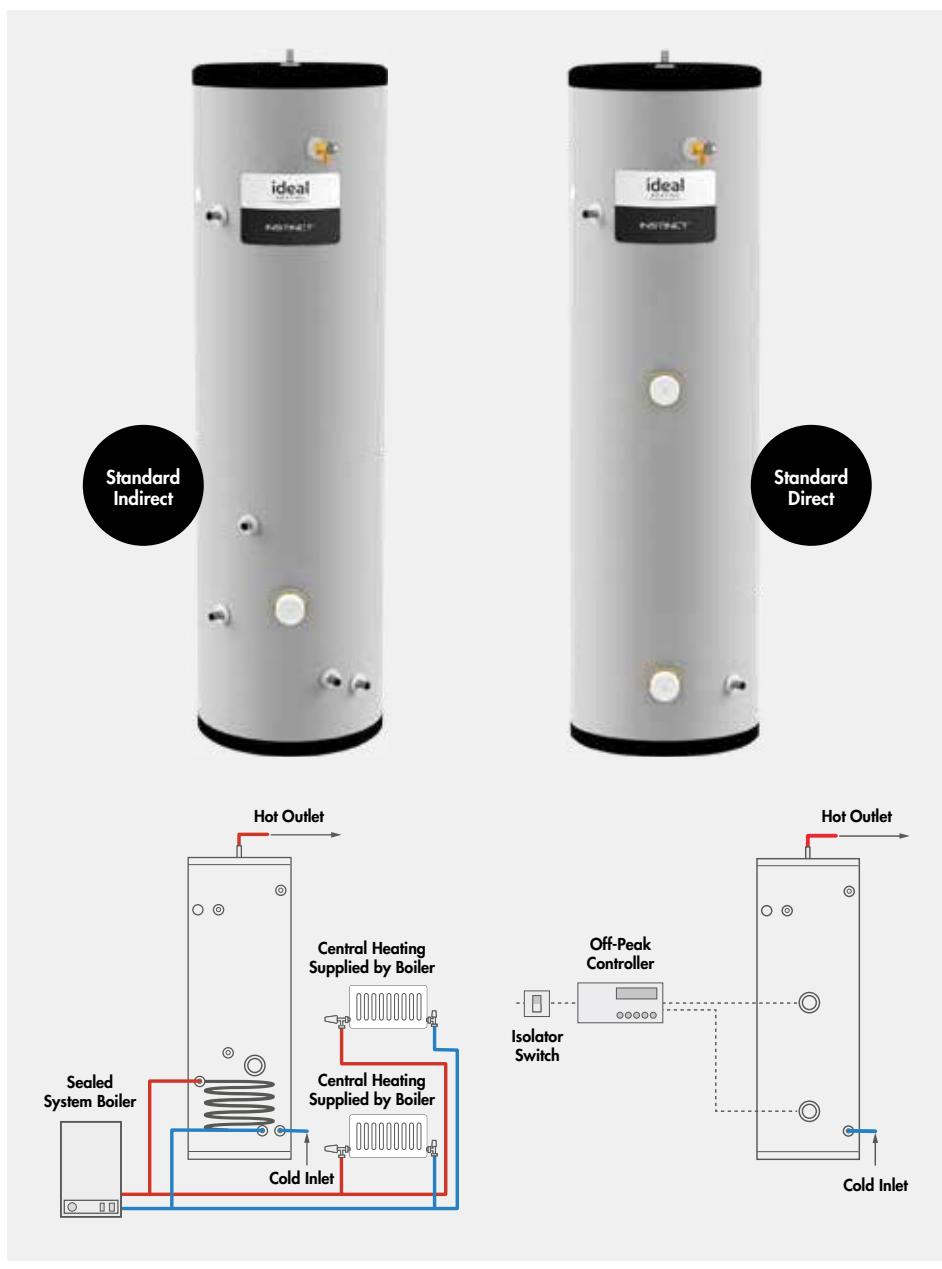


Standard Direct Cylinders

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

Standard Indirect Cylinders

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



Standard Direct Cylinders

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

Standard Indirect Cylinders

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

Guarantees

25 Years on Vessel

2 Years on Parts

Guarantees

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

Cylinders



Ideal Instinct Slimline Cylinders

Features + Benefits

Highly corrosion resistant duplex stainless steel

Compression fittings included as standard

Corrugated heating coil

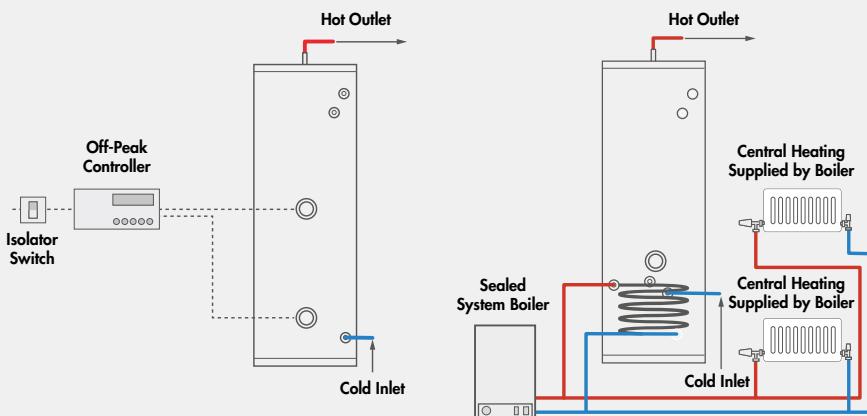
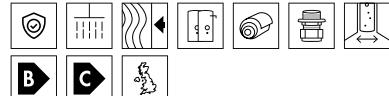
Reduced diameter of 475mm for smaller properties and space limitations

Available in sizes up to 210 Litres

Finish – Grey

Dimensions – See table below

Weight – See table below



Slimline Direct Cylinders

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

Slimline Indirect Cylinders

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

Slimline Direct

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

Slimline Indirect

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

Radiators

Guarantees

10 Years
on Compact Radiators

Henrad Compact Radiators

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

Features + Benefits

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 1/2" BSP connections as standard, system should be properly flushed and fitted in accordance with the British Code of Practice for the Treatment of Water in Domestic Hot Water Central Heating Systems

Finish – White

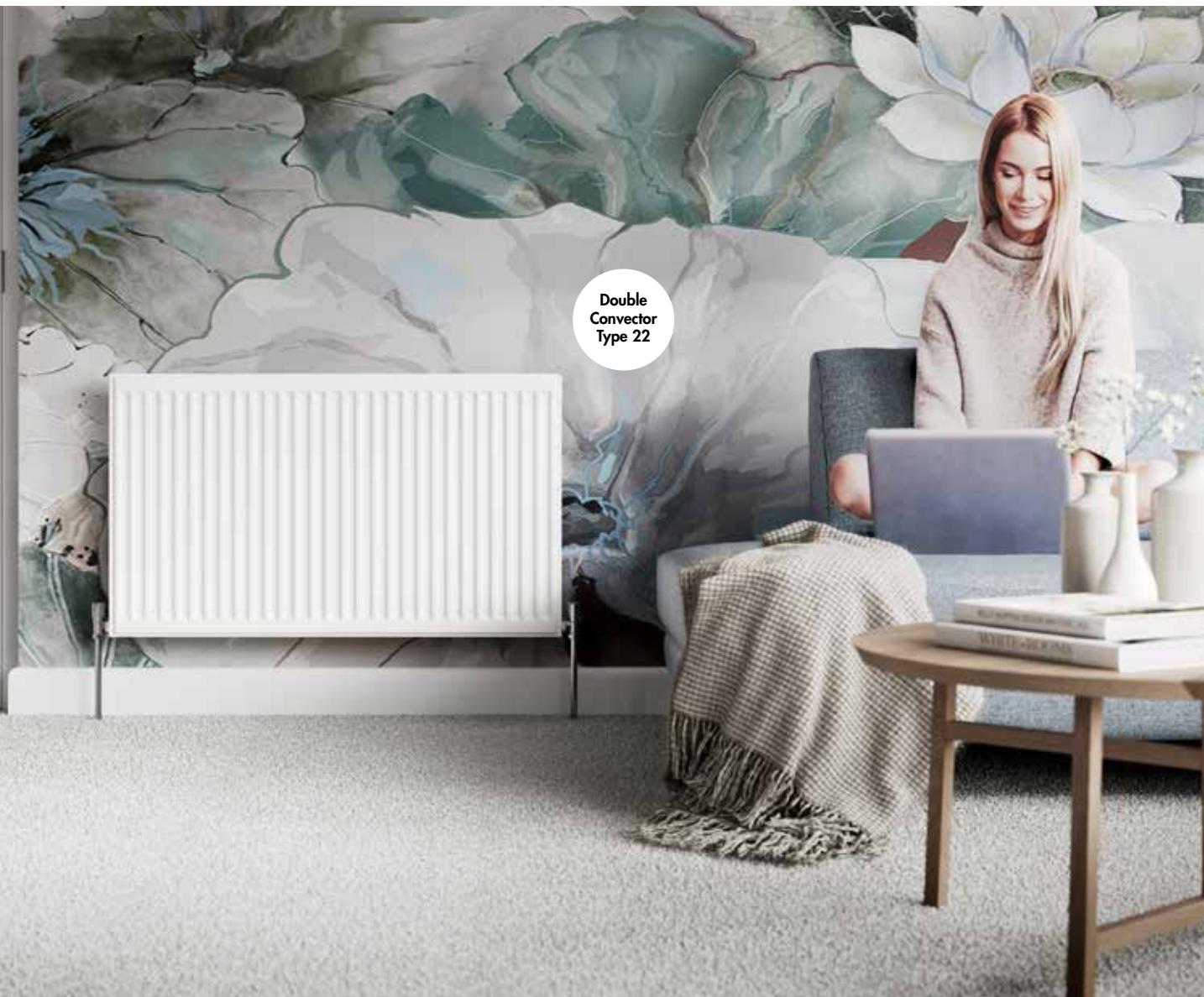
Dimensions – See page opposite

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

Single Convector Type 11

Single Convector Type 21

Double Convector Type 22



Guarantees
10 Years
 on Compact Radiators

Radiators

Compact Radiators		Single Convector Type 11			Single Convector Type 21			Double Convector Type 22		
Height	Length	Heat Emissions			Heat Emissions			Heat Emissions		
		Henrad Code	Watts	Btu/hr	Henrad Code	Watts	Btu/hr	Henrad Code	Watts	Btu/hr
300	500	2031105	255	868	2032105	373	1271	2032205	491	1675
	1000	2031110	509	1737	2032110	745	2542	2032210	982	3351
	1500	2031115	764	2605	2032115	1118	3813	2032215	1473	5026
	1600	—	—	—	—	—	—	2032216	1571	5362
	2000	2031120	1018	3473	2032120	1490	5084	2032220	1964	6701
450	400	2011104	302	1032	2012104	422	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
	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
600	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
700	800	2061108	784	2675	2062108	1076	3671	2062208	1386	4728
	900	2061109	882	3009	2062109	1211	4130	2062209	1559	5319
	1000	2061110	980	3344	2062110	1345	4589	2062210	1732	5910
	1100	2061111	1078	3678	2062111	1480	5048	2062211	1905	6501
	1200	2061112	1176	4013	2062112	1614	5507	2062212	2078	7092
	1400	2061114	1372	4681	2062114	1883	6425	2062214	2425	8273
	1600	2061116	1568	5350	2062116	2152	7343	2062216	2771	9455
	1800	2061118	1764	6019	2062118	2421	8260	2062218	3118	10637
	2000	2061120	1960	6688	2062120	2690	9178	2062220	3464	11819
	2200	2061122	2156	7356	—	—	—	2062222	3810	13001
700	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
	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	1400	2071114	1564	5336	2072114	2142	7309	2072214	2745	9367
	1600	2071116	1787	6098	2072116	2448	8353	2072216	3138	10705
	1800	2071118	2011	6860	2072118	2754	9397	2072218	3530	12044
	2000	2071120	2234	7622	2072120	3060	10441	2072220	3922	13382

Btu/hr @ Δt50°C

Radiators

Guarantees

10 Years
on Compact Radiators

Henrad Compact Radiators

Compact Radiators		Single Convector Type 11		Double Convector Type 22			
Height	Length	Heat Emissions		Heat Emissions			
		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
1800	1000	2091110	1360	4640	2092210	2395	8172
	400	—	—	—	2182204	1584	5405
	500	—	—	—	2182205	1980	6756
	600	—	—	—	2182206	2376	8107

Single
Convector
Type 11Double
Convector
Type 22Column Horizontal
RAL 6033 Mint Turquoise

OPEN UP A WORLD OF COLOUR

Henrad Column or Verona ranges now available in 55 RAL colours and finishes.



Guarantees

10 Years
on Compact K3 Radiators



Radiators

Henrad Compact K3 Radiators

Features + Benefits

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

Henrad Compact K3 has 4 x 1/2" 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	Heat Emissions		
		Henrad Code	Watts	Btu/hr
300	1000	2033310	1349	4603
	2000	2033320	2698	9206
	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
500	1600	2053316	3290	11225
	1800	2053318	3701	12628
	2000	2053320	4112	14030
	2400	2053324	4934	16835
	400	2063304	956	3262
	500	2063305	1195	4077
	600	2063306	1433	4889
	700	2063307	1672	5705
	800	2063308	1911	6520
	900	2063309	2150	7336
600	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
	500	2073305	1356	4627
	600	2073306	1627	5551
700	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

Radiators

Espada Aluminium Vertical Radiators



Single Vertical Panel

Finish – White or Anthracite

Material – Aluminium

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

AL **H**

White Finish

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

Anthracite Finish

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

Double Vertical Panel

Finish – White or Anthracite

Material – Aluminium

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

AL **H**

White Finish

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

Anthracite Finish

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

Guarantees

10 Years
on Espada Aluminium Radiators

Guarantees

10 Years
on Espada Aluminium Radiators

Espada Aluminium Horizontal Radiators



Single Horizontal Panel

Finish – White or Anthracite

Material – Aluminium

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

AL **H**

White Finish

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

Anthracite Finish

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

Double Horizontal Panel

Finish – White or Anthracite

Material – Aluminium

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

AL **H**

White Finish

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

Anthracite Finish

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

Radiators

Espada Vertical Radiators



Single Panel

Finish – White or Anthracite

Material – Mild Steel

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

MS **H**

White Finish

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

Anthracite Finish

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

Double Panel

Finish – White or Anthracite

Material – Mild Steel

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

MS **H**

White Finish

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

Anthracite Finish

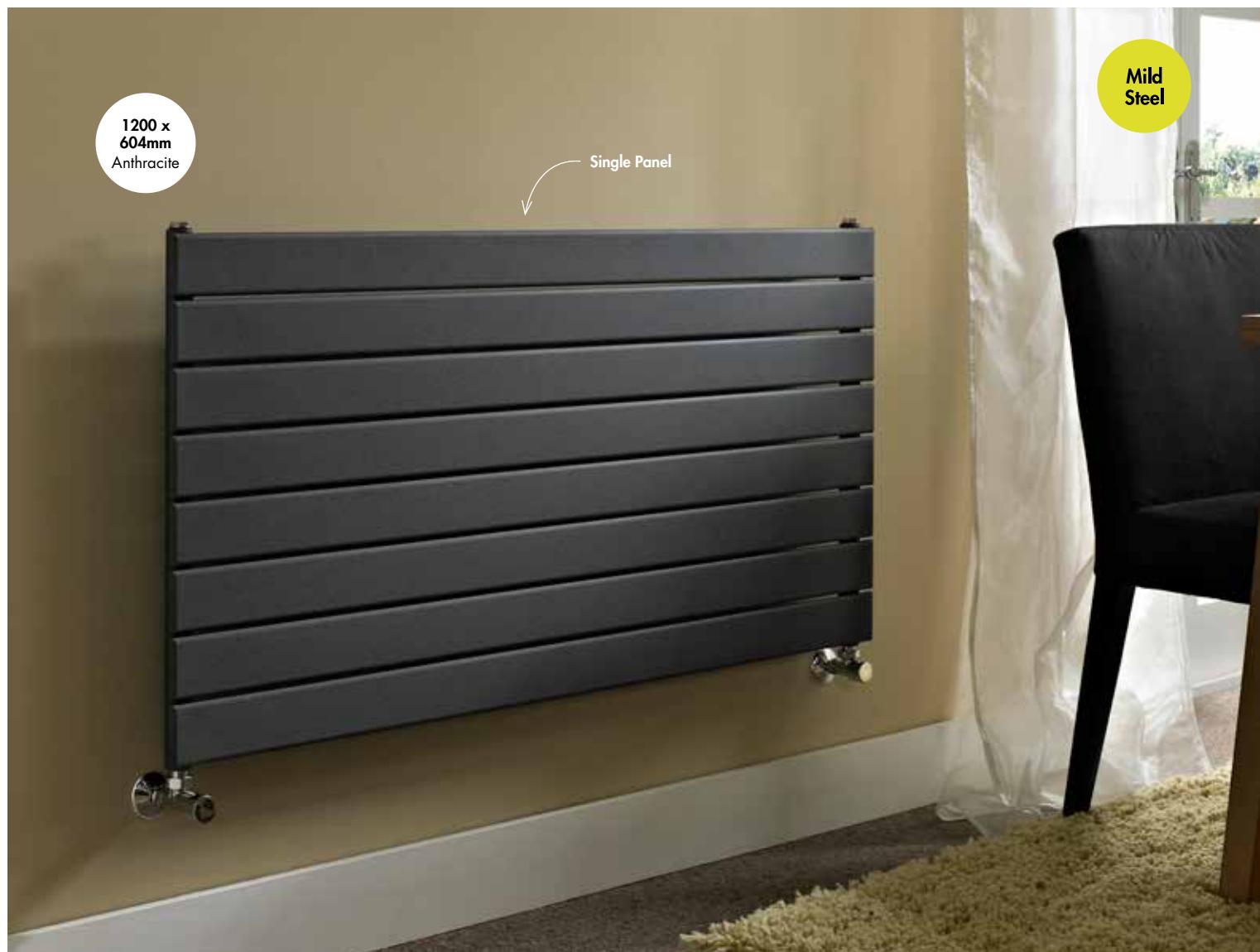
	Height	Width	Depth	Watts	Btu/hr
ES-VDP180228AT	1800	224	71	627	2139
ES-VDP180376AT	1800	376	71	1045	3566
ES-VDP180524AT	1800	528	71	1463	4992
ES-VDP180672AT	1800	680	71	1881	6418

Guarantees

15 Years
on Espada Radiators

Radiators

Espada Horizontal Radiators



Single Panel

Finish – White or Anthracite

Material – Mild Steel

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

MS H

White Finish

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

Anthracite Finish

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

Double Panel

Finish – White or Anthracite

Material – Mild Steel

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

MS H

White Finish

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

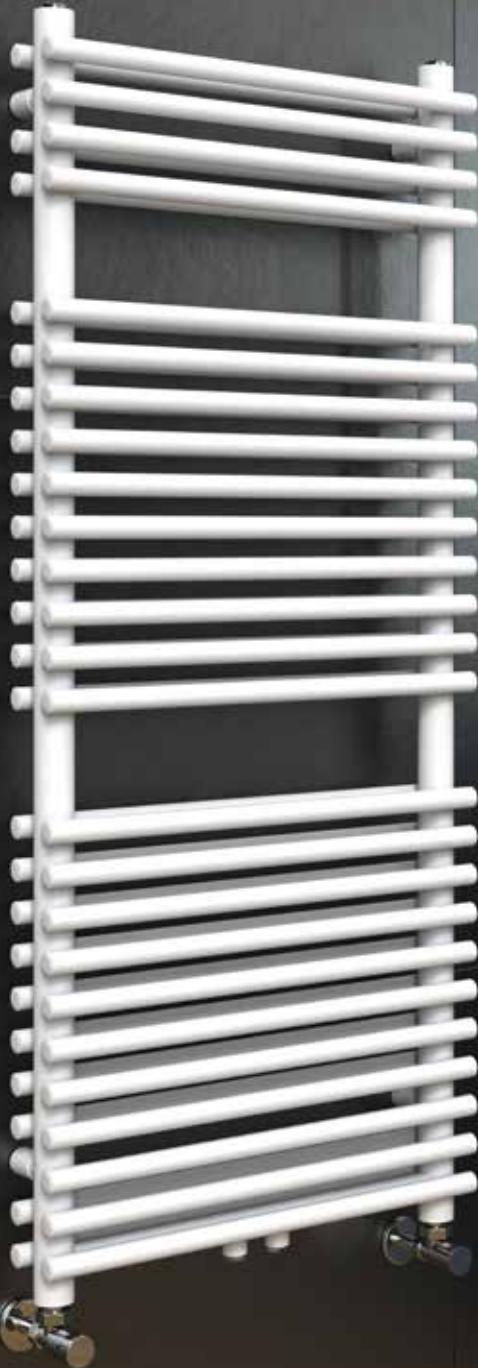
Anthracite Finish

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

Towel Rails

new

Mild Steel



1200 x
500mm
White



1800 x
500mm



Tulla Towel Rails

Finish – White

Material – Mild Steel

All heat outputs are shown at 50°C ΔT in compliance with BSEN442.
Watts and Btu's apply to Heating and Dual Fuel only.

MS **H** **DF** **E**

White Finish

	Height	Width	Depth	Bars	Pipe Centres	Watts	Btu/hr
TULLA800500WH	800	500	104	4-4-7	450-50	563	1920
TULLA1200500WH	1200	500	104	4-10-11	450-50	945	3224
TULLA1800500WH	1800	500	104	5-8-13-13	450-50	1484	5064



1200 x
500mm

800 x
500mm

**Don't forget your
Heating System
Chemicals**

**Page
92-93**



Guarantees

15 Years
on 22mm Towel Rails



22mm Straight Towel Rails

Material – Mild Steel

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

MS **H** **DF** **E**

Chrome Finish

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



Matt Black Finish

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

Controls

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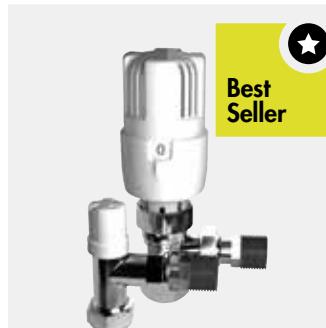
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Control Features



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

Our frequently ordered Controls products...



15mm Angled TRV (Twin Pack)
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Matt Black 15mm Angled TRV
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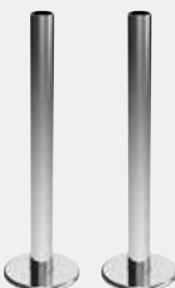
Brushed Brass 15mm Angled TRV
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Polished Chrome 15mm Angled TRV
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Polished Chrome Modern 15mm Valve
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Chrome 15mm Pipe Connection Tubes
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Guarantees

1 Years
on Thermostatic Mixing Valves (TMVs)

Thermostatic Mixing Valves (TMVs)

Anti
Scald



15mm TMV2 / 3 Thermostatic Mixing Valve

Finish – Chrome

Dimensions – 98(h) x 140(w) mm



40015CBA

Anti
Scald



22mm TMV2 / 3 Thermostatic Mixing Valve

Finish – Chrome

Dimensions – 98(h) x 146(w) mm



40022CBA

Anti
Scald



15mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)

Finish – Chrome

Dimensions – 98(h) x 132(w) mm



400MX15CBA



22mm TMV2 / 3 Thermostatic Mixing Valve (Isolators)

Finish – Chrome

Dimensions – 98(h) x 132(w) mm



400MX22CBA

Thermostatic Radiator Valves (TRVs)

Modern Thermostatic Radiator Valves (TRVs)



Chrome (1/2" 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 (1/2" 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 (1/2" 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 (1/2" 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)

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

INSTINCT²

The Ideal Instinct²
Combi Boiler

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

www.instinctproducts.co.uk

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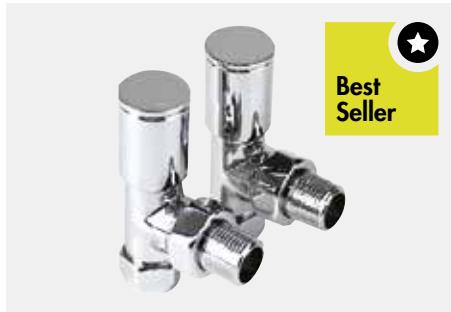


ideal
HEATING

Easy To
Install

Designer Radiator Valves

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 (1/2" x 15mm – Pair)

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

INST-AL034LC	Angled Valve
--------------	--------------

Coloured Valves



Matt Black (1/2" 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 (1/2" 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 (1/2" 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-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



Towel Rail Element (Inc. Tee Piece + 1/2" 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		

1/2" M & F Dual Fuel Elbow

Finish – Chrome

DFE12



Are you looking
to replace or
install a new
radiator?

Pages
70-73



Multiple
Sizes

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 20Bar

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 20Bar

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 20Bar

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 20Bar

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 20Bar

ER-15MMSVAL

15mm Straight Manual Valve



Radiator Drain Off Tail Piece

Finish – Chrome

Dimensions –

32(h) x 54(w) x 41(d) mm

Max 85°C Max 10Bar

YU-JQAL213HC



Demountable 10mm Push Fit Elbow (Pair)

Finish – Chrome

Dimensions –

22(h) x 47(w) x 65(d) mm

Max 100°C Max 10Bar

459004

Water Treatment

Section	Page No.
Scale Inhibitors	
Magnetic Scale Inhibitor	87
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new Electric	88
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Magnetic Filters	
22mm + 28mm Magnetic Filter (Isolation Valves)	98
Fernox TF1 Sigma UB Filter 22mm	99
Fernox TF1 Sigma Mini 22mm	99
Water Treatment Features	
There are many features in our Instinct Pro Water Treatment range. Use the icons to help choose the right option for you.	
GB	Manufactured in Great Britain
10 Rads	Dosing Amount – Up to 10 Radiators
SS	Improves Heat Transfer
Mobile Device	App Control via Mobile Device
100 Litres	Dosing Amount – Up to 100 Litres
100% Recycled Plastic	Bottle Made from 50% Recycled Plastic
Min 0.2 Bar	Minimum Operating Pressure
Max 4 Bar	Maximum Operating Pressure
Min 90°C	Minimum Operating Temperature
Max 120°C	Maximum Operating Temperature
Prevents Limescale + Corrosion	Prevents Limescale + Corrosion
Dissolves Limescale	Dissolves Limescale
Use with Power Flushing Machines	Use with Power Flushing Machines
Non-Hazardous Formulation	Non-Hazardous Formulation
Cost Saving Product	Cost Saving Product
Easy to Install and Maintain	Easy to Install and Maintain
Seals Leaks + Weeping Joints	Seals Leaks + Weeping Joints
50% Recycled Plastic	50% Recycled Plastic
Min 90°C	Minimum Operating Temperature
Max 120°C	Maximum Operating Temperature

Our frequently ordered Water Treatment products...



★

IN-100 Concentrate Corrosion Inhibitor
Page 92



Smaller Bottle Size

IN-300 Concentrate System Cleaner
Page 92



Cost Saving Filter

22mm + 28mm Magnetic Filter (Isolation Valves)
Page 98

Guarantees

2 Years
on Scale Inhibitors

1 Year
on Trade Scale Inhibitor



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%.

Features + Benefits

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)



403328

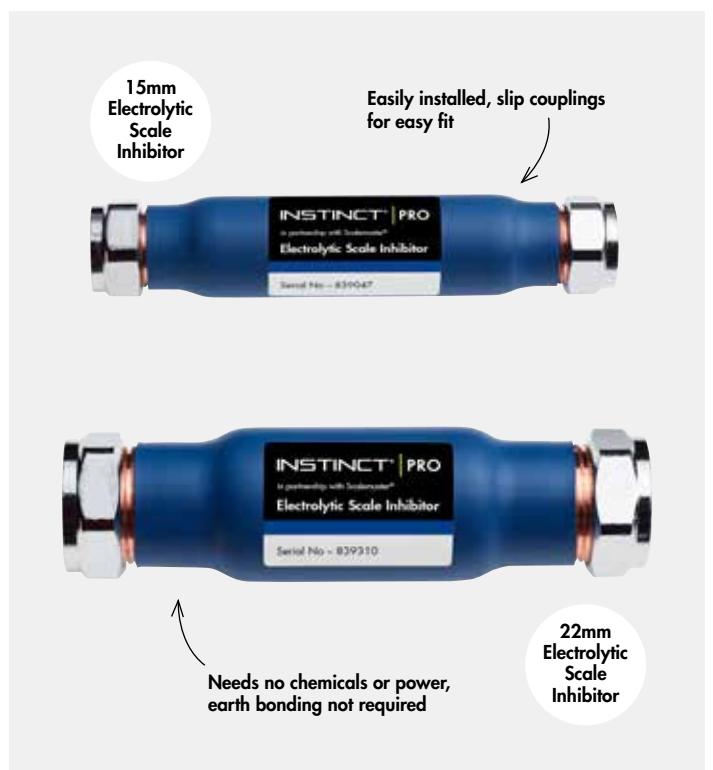
15mm Magnetic Scale Inhibitor

403335

22mm Magnetic Scale Inhibitor



Scale Inhibitors



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%.

Features + Benefits

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)



403342

15mm Electrolytic Scale Inhibitor

403359

22mm Electrolytic Scale Inhibitor

Trade Magnetic Scale Inhibitor

Finish – White

Dimensions –

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

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



403274

15mm Trade Magnetic Scale Inhibitor

Water Softeners (Electric)

Guarantees

5 Years
Parts

3 Years
Labour on BWT Softflux Water Softeners

1 Year
on BWT Bon Aqua Water Softeners

Softflux Water Softeners



BWT Softflux 10 Litre Water Softener

Features + Benefits

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



SL10

With 15mm Install Kit

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



BWT Softflux 14 Litre Water Softener

Features + Benefits

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



SL14

With 15mm Install Kit

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

Bon Aqua Water Softeners



BWT Bon Aqua 10 Litre Water Softener

Features + Benefits

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



CILSOFT45

With 15mm Install Kit

CILSOFT45-NK

Without 15mm Install Kit



BWT Softflux 20 Litre Water Softener

Features + Benefits

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



SL20

With 15mm Install Kit



BWT Softflux 25 Litre Water Softener

Features + Benefits

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



SL25

With 15mm Install Kit



BWT Bon Aqua 15 Litre Water Softener

Features + Benefits

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



CILSOFT55

With 15mm Install Kit

CILSOFT55-NK

Without 15mm Install Kit

Guarantees

2 Years
on Scalemaster® Water Softeners

Water Softeners (Non-Electric)

Scalemaster® Water Softeners



Scalemaster® Softline SL-S Water Softener

Features + Benefits

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 Approved Product

900292

Single Tank



Scalemaster® Softline SL-Twin Water Softener

Features + Benefits

Twin Tank design gives continuous, uninterrupted soft water

For homes up to 3 bathrooms

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 Approved Product

900322

Twin Tank



Scalemaster® Softline SL-150 Water Softener

Features + Benefits

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)



Scalemaster® Softline SL-X Water Softener

Features + Benefits

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 Approved Product

900308

Single Tank



Scalemaster® 15mm Standard Installation Kit

Finish – White + Black

Dimensions – 323(h) x 137(w) x 315(d) mm

900803

15mm Standard Installation Kit



Scalemaster® 22mm Hi-Flow Installation Kit

Finish – Blue + Black

Dimensions – 323(h) x 137(w) x 315(d) mm

900810

22mm Hi-Flow Installation Kit

INSTINCT® | PRO

in partnership with Scalemaster®

Complete
Range
Available

The perfect concentration for reliable results



www.instinctproducts.co.uk

Chemicals

Introducing the range

Alongside Scalemaster®, a leading supplier of quality water treatment products for over 30 years, Instinct Pro has continued its commitment to product innovation, energy efficiency and the environment with a range of chemical solutions for heating systems.

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

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

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

All 250ml bottles are Non-Hazardous formulations

250ml IN-100 Corrosion Inhibitor is NSF CIAS Approved

Ideal for dosing through a system filter

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



Bottles Made from
50% Recycled Plastic



Manufactured in
Great Britain



IN-100 Concentrate Corrosion Inhibitor



IN-200 Concentrate Boiler Noise Silencer



IN-300 Concentrate System Cleaner



IN-400 Concentrate Sludge Remover



IN-500 Concentrate Leak Sealer



IN-600 Concentrate Heat Optimiser



IN-700 Concentrate System Biocide



IN-800 Concentrate Power Cleaner

Chemicals

Heating System Chemicals

IN-100 Corrosion Inhibitor

Features + Benefits

Prevents corrosion, hard water limescale precipitation

Essential for protecting hot water heating systems and maintaining operational efficiency

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

Dimensions –

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

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

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



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



i-Test

Features + Benefits

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	Kit
506111	10 Replacement Probes
506128	50 Replacement Probes



Rapid Inhibitor Test Strips

Features + Benefits

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
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Environmentally Friendly

All Instinct Pro Heating System Chemicals are manufactured in the UK by Scalemaster® in a concentrate form, minimising shipping.

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

IN-300 System Cleaner

Features + Benefits

For commissioning new heating systems

Removes installation foulants, flux, grease and debris suspended in water by flushing.

Should be left in system minimum 2 hours, maximum 2 weeks

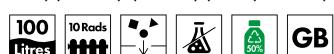
The 5 Litre Bottle (504599) is concentrated and will dose 2000 Litres

Dimensions –

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

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

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



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



Chemicals

Heating System Chemicals

IN-500 Leak Sealer

Features + Benefits

For the internal sealing of inaccessible leaks and weeping joints

Forms a soft seal within 24 hours

Will not cause blockages in circulatory pumps or air vents

Dimensions –

250(h) x 55(w) x 55(d) mm (504537)
137(h) x 72(w) x 49(d) mm (504261)



504537 300ml Aerosol
504261 250ml Bottle



Leak Sealer Paste

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

504384 50g



IN-200 Boiler Noise Silencer

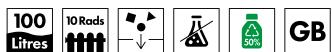
Dimensions – 137(h) x 72(w) x 49(d) mm



504230 250ml Bottle

IN-400 Sludge Remover

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



504254 250ml Bottle

IN-600 Heat Optimiser

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



504278 250ml Bottle



IN-700 System Biocide

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



504285 250ml Bottle

IN-800 Power Cleaner

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



504292 250ml Bottle

Chemical Filling Kit

Features + Benefits

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

Miscellaneous Chemicals



Heavy Duty Drain Cleaner

Features + Benefits

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



504780

1 Litre Bottle

Drain + Toilet Cleaner (Enzyme Based)

Features + Benefits

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



504636

750ml Bottle

Sink + Drain Unblocker (Enzyme Based)

Features + Benefits

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



504629

1 Litre Bottle



General Purpose Descaler

Features + Benefits

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

Saves energy

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



504612

250ml Bottle

Inhibited Antifreeze (Concentrated)

Features + Benefits

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 (504742)

440(h) x 275(w) x 235(d) mm (504759)



504711

5 Litre Bottle

504728

25 Litre Bottle



Towel Rail Antifreeze (Pre-Mixed)

Features + Benefits

Protects against burst pipes down to -29°C

Includes added corrosion and limescale inhibitors

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



504773

1 Litre Bottle



Works with
all chemical
inhibitors

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

(For annual testing compliance with BS7593:2019)



Take a closer look at the
i-Test features video,
scan to find out more



Phone not included.

Powder Chemicals

new

3 Sachets
= 1 Dose

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.

Features + Benefits

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

Power Crystals Cleaner (3 Sachets Per Pack)

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

new

Prevents
Limescale

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.

Features + Benefits

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

Power Crystals Protector

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

Guarantees

1 Year
on BWT Power Crystals

Switch things up. Isolate the mains with the flick of a switch.



Solution for vulnerable tenants
and people with reduced mobility

Easy to install. No electrical
supply required

surestop®

surestop.co.uk

Magnetic Filters

Guarantees

Years
on Magnetic Filters

22mm + 28mm Magnetic Filter (Isolation Valves)

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

Features + Benefits

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)



INMAG22

22mm Magnetic Filter (Isolation Valves)

INMAG28

28mm Magnetic Filter (Isolation Valves)

MAGFILTOOL

Spanner for INMAG Magnetic Filters



Water is guided through the components of the Inta magnetic filter to achieve maximum filtration with each pass of the circuit.

Guarantees

10 Years
on FernoX Magnetic Filter

Magnetic Filters



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

Boiler
Filter

For
Restricted
Spaces



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

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

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

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

Features + Benefits

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



62631

FernoX TF1 Sigma UB Filter 22mm



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



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

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

Features + Benefits

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



62708

FernoX TF1 Sigma Mini 22mm

Consumables

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Consumables Features

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



App Control
The ROMAX COMPACT III is ROTHENBERGER's first smart press machine with Bluetooth connectivity. Via the ROTHENBERGER app, tool and smartphone can be connected, providing the user real-time access to relevant machine and press data.



Press Cycle Time
A pressing can take no more than either 2 or 3 seconds.



20K 2Yrs 40K 2Yrs

Service Interval
The ZUPPER MP-1930 press tool requires a service every 20,000 pressings/2 years.

The ROTHENBERGER ROMAX Compact III press tool requires a service every 40,000 pressings/2 years.

Our frequently ordered Consumable products...



**Instinct Pro
15mm Pipe Bender**
Page 106



**15mm Autocut®
Copper Pipe Cutter**
Page 107



**15mm Drain
Down Hose**
Page 114



**200mm (8") Wide Jaw
Adjustable Wrench
38mm Cap**
Page 115



**Omat® 250mm (10")
Soldering + Brazing
Pad**
Page 105



NEW DRILLING & CUTTING ACCESSORY RANGE

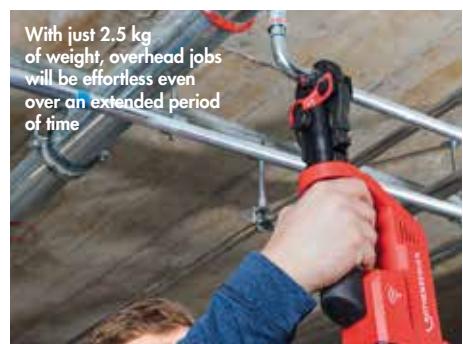
Quality you can trust from **ROTHENBERGER**

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

2 Years
 on Rothenberger Press Tool



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.

Features + Benefits

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 Ø 35mm and multilayer up to Ø 40mm

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



1000004271

ROMAX Compact 3 Press Crimping Tool – Basic Set 1

1000004333 ROMAX Compact 3 Press Crimping Tool + M Profile Jaw Set 15-22-28mm

1000004278 ROMAX Compact 3 Press Crimping Tool + SV Profile Jaw Set 15-22-28mm

1000004285 ROMAX Compact 3 Press Crimping Tool + U Profile Jaw Set 16-20-25mm

1000004424 ROMAX Compact 3 Press Crimping Tool + TH Profile Jaw Set 16-20-26mm



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 sec
Capacity Battery with Unit of Measurement	2Ah

Guarantees

2 Years
on ZUPPER® Press Tool

Press Tools



ZUPPER® MP-1930 Battery Powered Mechanical Press Tool

The MP-1930 is the newest addition of press tool with mechanical system, it is faster and efficient way to join metal pipe and plastic pipe.

It works with copper, stainless steel, PEX and multi-layer composite pipe and fittings. The hard outer case is easy carry and houses all of the components for the Z-Press M-Profile Press tool.

Features + Benefits

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**

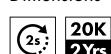
The indicator light, with green indicating completion of press cycle, and red indicating press error or tool malfunction

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



MLPM-1930

MP-1930 Battery Press Tool Kit (Inc. Outer Case, Crimp Tool, Jaws 15mm, 22mm, 28mm & 35mm Charger, Two Batteries and Strap)



Specification

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

Plumbing Tools

Guarantees

1 Year
on Plumbing Tools



Take a closer look at the
SweatBOX® features video



Monument Masters SweatBOX®

The SweatBOX® is the ultimate plumbers soldering tray. The SweatBOX® features a flame retardant engineering grade plastic with a patented clamp for holding different sizing of copper pipe up to 22mm or $\frac{3}{4}$ ".

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

Finish – Yellow

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

MAST20201L

Guarantees

1 Year
on Plumbing Tools

Soldering + Brazing

Omat® Soldering + Brazing Pad

250mm (10") Soldering + Brazing Pad

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

150mm (6") Soldering + Brazing Pad

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

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

Plumbing Tools

Guarantees

1 Year
on Plumbing Tools

Monument Masters + Bending

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

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

Features + Benefits

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

Lighter in the hand than a combi – the pipe bender weighs 1.9kg

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

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

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

Quantity – 1

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



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

Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Copper Pipe Cutting + Deburring



10mm Copper Pipe Cutter

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

INST1810N



15mm Autocut® Copper Pipe Cutter

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

INST1715



22mm Autocut® Copper Pipe Cutter

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

INST1722



28mm Autocut® Copper Pipe Cutter

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

INST1728



Spare Wheels (Autocut® + Pipeslice®)

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

INST0269



15mm + 22mm Autocut® Copper Pipe Cutter

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

INST17151722



INST1739

Plumbing Tools

Copper Pipe Cutting + Deburring



Size 3mm-22mm Copper Pipe Cutter

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

INST0264



Size 4mm-28mm Copper Pipe Cutter

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

INST0265



Size 2A 12mm-43mm Copper Pipe Cutter

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

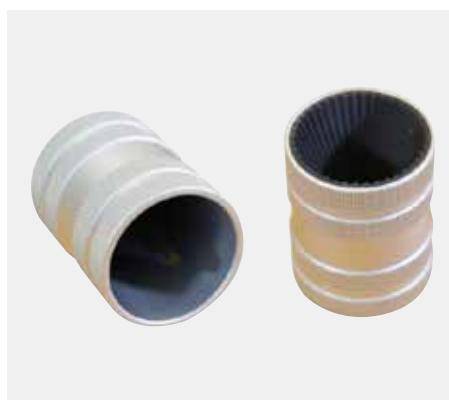
INST0266



35mm Internal + External Pipe Deburrer

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

INST0365



12-54mm Inside/Outside Deburrer

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

INST0374



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

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

INST0273



15mm + 22mm Copper Pipe + Fitting Brush

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

INST3033



Deburring Tool

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

INST3020



Cleaning Abrasive Strips

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

INST3024

Cleaning Abrasive Strips

INST3024-6

3m Rolls of Cleaning Abrasive Strips

Guarantees

1 Year
on Plumbing Tools

Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Plastic Pipe Cutting



6-28mm Plastic Pipe Cutter

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

INST2644



Burrfect Square Plastic Waste Pipe Deburrer

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

INST2116



20-42mm Plastic Pipe Cutter

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

INST2645



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

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

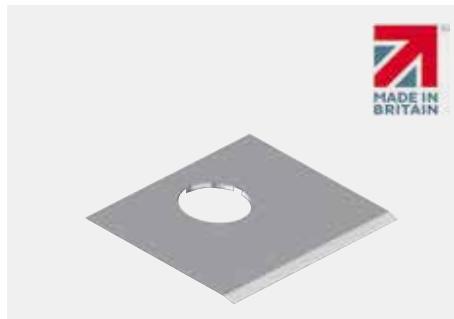
INST0115 15mm
INST0122 22mm



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

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

INST1114 1 1/4"
INST1112 1 1/2"



Spare Blades for Autocut® (Plastic Pipe Cutter)

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

INST0100



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

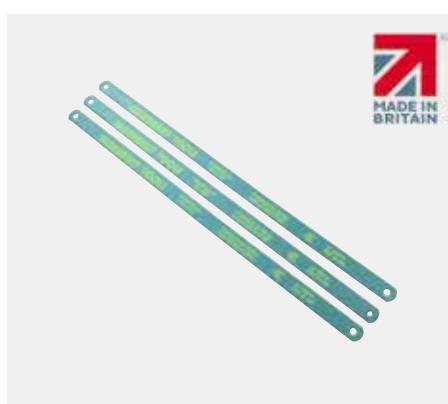


Folding Knife

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



Six Flat Bits

Quantity – Pack of 6

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

INST1950

Guarantees

1 Year
on Plumbing Tools

Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Radiators



Universal Radiator Valve Spanner

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

INST2052



Radiator Step Wrench + Ratchet

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

INST2048



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

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

INST2056



Four-Way Multipurpose Key

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

INST2059



TRV Tail Driver

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

INST2166



Radiator Bleed Keys

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

INST2058-1



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

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

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

Plumbing Tools

Taps + Stopcocks



Contractors Telescopic Back Nut Wrench

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

INST0781



Domestic Mains Water Mini Stopcock Key

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

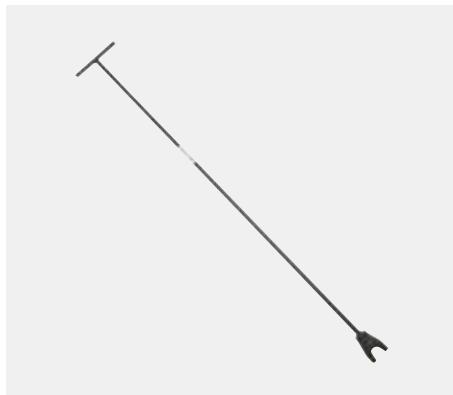
INST0331



**Parallel Bush Tap Reseater
(Three Cutters)**

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

INST0450



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

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

INST0339



**Pro Adjustable Basin Wrench
(Two Jaws)**

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

INST0345



27 x 32mm Tap Back Nut Box Spanner

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

INST0319



45 x 50mm Waste Nut Box Spanner

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

INST0308



8mm-13mm Monobloc Box Spanners

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

INST3240



Malleable Cast Basin Back Nut Wrench

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

INST0327

Guarantees

1 Year
on Plumbing Tools



Guarantees

1 Year
on Plumbing Tools

Plumbing Tools

Compression Fittings + Immersion Heaters



Compression Fitting Nut Spanners

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

INST2042



Box Ring Immersion Heater Spanner

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

INST0358



Pro Cast Immersion Heater Spanner 86mm A/F

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

INST0361



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

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

15mm + 22mm Compression Fitting Olive Puller

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



22mm Compression Fitting Olive Cutter

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

INST2031



15mm 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

Plumbing Tools

Boilers, Flues + System Testing

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

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



15mm + 22mm Pipe End Plugs

Quantity – 1 of Each

Dimensions – 65(h) x 65(w) x 20(d) mm

INST1368



15m Drain Down Hose

Quantity – 1

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

INST2404

Guarantees

1 Year
on Plumbing Tools



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

Quantity – 1

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

INST1510



Flue Brushes

Quantity – Pack of 3

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

INST3014



2m Spare Gas Test Gauge Hose (LPG)

Quantity – 1

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

INST1731

Guarantees

1 Year
on Plumbing Tools

Wrenches + Spanners



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")

Miscellaneous



Tape Measure (Backing Card)

Quantity – 1

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

INST1961S5	5m
INST1962S8	8m



Screwdriver

Quantity – 1

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

INST1518	450mm (18") Flat Head Screwdriver
INST1517	300mm (12") No.2 Phillips Screwdriver



20ft Drain Cleaner

Quantity – 1

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

INST3310



D-End Manhole Lifting Keys

Quantity – 1 x Set of Keys

Dimensions – 105(h) x 125(w) x 30(d) mm

INST1010



Handy Plunger

Quantity – 1

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

INST1460



Toilet Plunger

Quantity – 1

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

INSTM1600

Plumbing Tools

Detection

new



new



10 Year Sealed Battery



SleepSafe Photoelectric Smoke Alarm

Quantity – 1

Dimensions –

110(h) x 110(w) x 50(d) mm

SA1

SleepSafe Carbon Monoxide Alarm (10 Year)

Quantity – 1

Dimensions –

110(h) x 115(w) x 35(d) mm

COA10

Servicing Essentials



Collapsible Bucket (10 Litre)

Quantity – 1

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

CWB10L

new



Medium Grade Steel Wool (450g)

Quantity – 1

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

WB28



Collapsible Bucket (20 Litre)

Quantity – 1

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

CWB20L

Steel Wool

Quantity – Pack of 8

Dimensions – 53(h) x 140(w) x 210(d) mm

WB8

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



Cotton Dust Sheet (12' x 9')

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

A62822

Laminated Dust Sheet (12' x 9')

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

A666013



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
new HFP1-50M 600mm x 50m

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
new CP1-50M 600mm x 50m



Aluminium Foil Tape (50mm x 45m)

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

A662021

General Purpose Cloth Tape (50mm x 50m)

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

A662020

Plumbing Tools

Aerosol, Grease + Solutions



Silicone Grease + Spray

Quantity – 1

Dimensions –

157(h) x 57(w) x 57(d) mm (A665016)
48(h) x 70(w) x 70(d) mm (A665016-TUB)

A665016	100g Tube
665016-TUB	100g Tub

Dimensions –

110(h) x 103(w) x 103(d) mm (A665017)
183(h) x 60(w) x 60(d) mm (PH040)

A665017	500g Tub
PH040	400ml Silicone Spray



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



Air Duster Spray (120ml + 300ml)

Quantity – 1

Dimensions –

165(h) x 65(w) x 65(d) mm (ZE29)
201(h) x 65(w) x 65(d) mm (ZE294)

ZE29	120ml
ZE294	300ml



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)



Leak Detector Spray (400ml)

Quantity – 1

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

PH020

Plumbing Tools

PPE + Cleaning



Blue Paper Roll (3Ply)

Quantity – 1
Dimensions – 253(h) x 125(w) x 125(d) mm

A445031



Heavy Duty Dirty Scrubbers Wipe (80 Pack)

Quantity – 1
Dimensions – 245(h) x 110(w) x 110(d) mm

DSW80



21" x 29" Black Bubble Sacks (10 Roll)

Quantity – 1
Dimensions – 275(h) x 60(w) x 60(d) mm

BRS1



Puggy Work Gloves

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

445036M	Medium
A445036	Large
445036XL	XLarge

Plain Grip Gloves (6g)

Quantity – Box of 100
Dimensions – 241(h) x 125(w) x 65(d) mm

AHPGG6GM	Medium
AHPGG6GL	Large
AHPGG6GXL	XLarge



Diamond Grip Gloves (8g)

Quantity – Box of 50
Dimensions – 235(h) x 126(w) x 65(d) mm

AHDGG8GM	Medium
AHDGG8GL	Large
AHDGG8GXL	XLarge



Microfibre Cloth Range

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

Dimensions –

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

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

Pre-Packed Fittings

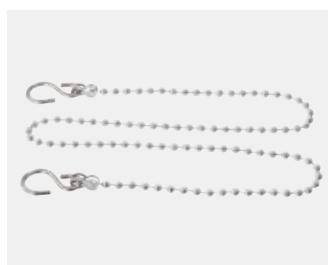
Guarantees

1 Year
on Pre-Packed Fittings



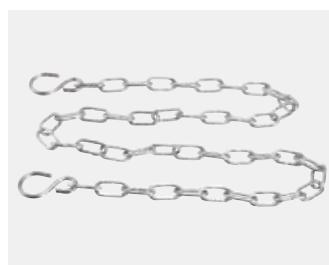
12" Oval Link Chain (Chrome) (Stay)

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



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

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



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

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



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

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



O Rings (Basin + Bath Plugs)

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



Brass Basin Plug (Chrome) (Triangle)

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



Brass Bath Plug (Chrome) (Triangle)

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



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

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



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

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



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

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



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

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



1 1/2" Plastic Basin Plug (White)

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



1 3/4" Bath Plastic Plug (White)

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



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

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



Tap Hole Stopper Abs (Chrome)

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



Domed Chain Hole Stopper (Chrome)

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

Guarantees

1 Year
on Pre-Packed Fittings



Rubber Washer (Sink Waste)

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



Rubber Washer (Basin Waste)

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



Rubber Washer (Bath Waste)

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



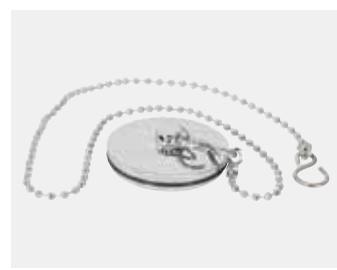
Seal Kit (Basin Waste)

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



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

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



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

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



Tap Hole Stopper (White)

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



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

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



Contract Cistern Lever

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



Seal (Clicker Waste 201753 201773)

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



O Ring (Basin Mushroom Clicker Waste 201314)

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



Rubber MT Cock Washer

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



Cone Washer (Bottom Entry Float Valve)

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



Torbeck Valve Washers

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



HydroFlo Black Rubber Diaphragm Washer

Quantity – 1
Dimensions – 14.5(h) x 28(w) x 28(d) mm
345366-INS



Part 2 Ball Valve Washer

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

Pre-Packed Fittings

Guarantees

1 Year
on Pre-Packed Fittings



1/2" Plastic Piston Pack

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

306810-INS



1/2" HP Plastic Seat

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

306816-INS



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

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

306832-INS



1/2" Part 1 Cotter Pin

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

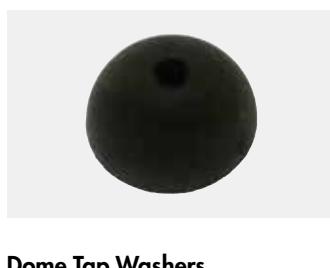
306850-INS



5/8" Flat Tap Washer

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

306880-INS



Dome Tap Washers

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

306882-INS 1/2"

306884-INS 3/4"



Delta Tap Washers

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

306886-INS 1/2"

306888-INS 3/4"



Pillar Tap Washer

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

306924-INS

Vacca Washer Flat

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



Pegler Washer Flat

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

306950-INS 1/2"

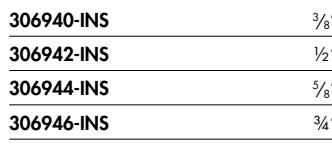
306952-INS 3/4"



Straight Boiler Filling Loop

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

307413-INS



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



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

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

313580-INS



Brass Clock Radiator Key

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

313713-INS

Guarantees

1 Year
on Pre-Packed Fittings



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



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 1/2"
324656-INS 22mm x 3/4"



15mm Pushfit x 1/2" 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



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 3/4"



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 1/2" Flexible Tap Connector – 30cm

324636-INS 15mm x 1/2" Flexible Tap Connector – 50cm

324643-INS 15mm x 3/4" Flexible Tap Connector – 30cm

324645-INS 22mm x 3/4" Flexible Tap Connector – 30cm



15mm Flexible Tap Connector – 30cm

Quantity – 2
Dimensions – 327(h) x 26(w) x 26(d) mm
324665-INS



15mm x 10mm Flexible Tap Connector – 30cm

Quantity – 2
Dimensions – 400(h) x 75(w) x 24(d) mm
324675-INS



15mm x 12mm Flexible Tap Connector – 30cm

Quantity – 2
Dimensions – 400(h) x 75(w) x 24(d) mm
324679-INS



15mm Pushfit x 3/4" Flexible Tap Connector - 30cm

Quantity – 2
Dimensions – 300(h) x 36(w) x 36(d) mm
324714-INS



15mm Pushfit Flexible Connector – 30cm

Quantity – 2
Dimensions – 340(h) x 28(w) x 28(d) mm
324740-INS



15mm Pushfit x 1/2" Flexible Tap Connector with Iso Valve – 30cm

Quantity – 2
Dimensions – 130(h) x 42(w) x 32(d) mm
324720-INS

Pre-Packed Fittings

Guarantees

1 Year
on Pre-Packed Fittings



1/2" Flexible Tap Fibre Washer

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

324790-INS



3/4" Flexible Tap Rubber Washer

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

324795-INS



1/2" BS5412 Brass Headwork (Pair)

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

330135-INS



1/2" Ceramic Disc Headwork (Pair)

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

330180-INS



Tap Washers

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

330910-INS $\frac{3}{8}$ "

330915-INS $\frac{1}{2}$ "

330920-INS $\frac{3}{4}$ "



Universal Top Hat Washer

$\frac{1}{2}$ " + $\frac{3}{4}$ "

Quantity – 2
Dimensions – 12(h) x 50(w) x 50(d) mm

330950-INS



Conical Trap Washers

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

344260-INS $1\frac{1}{4}$ "

340297-INS $1\frac{1}{2}$ "



Flat Trap Washers

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

344215-INS $1\frac{1}{4}$ "

344255-INS $1\frac{1}{2}$ "



1 1/2" Flush Pipe Sealing Ring

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

344335-INS



Shower Hose Washers

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

344405-INS



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



1/2" Diaphragm Washer (Siamp)

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

345365-INS

Guarantees

1 Year
on Pre-Packed Fittings



1 1/2" Compression Syphon Nut

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

345420-INS



Oblong Syphon Washer

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

345430-INS



Round Syphon Washer

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

345433-INS 4 1/2"

345435-INS 5"



Syphon Bolt Kit Long + Washer

Quantity – 1
Dimensions – Please request

345505-INS



Toilet Pan Screw Set

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

345550-INS



Sanitary Fixing Kit 10 x 120

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

345560-INS



Brass Adjustable Cistern Lift Arm

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

345605-INS



Plastic Adjustable Cistern Lift Arm

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

345610-INS



Cistern Handle Ceramic (Chrome)

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

345617-INS



Metal Cistern Lever Kit (Chrome)

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

345620-INS



Chrome Lever Kit 160mm Spindle

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

345630-INS



E Type Finger Tip Front Cistern Lever

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

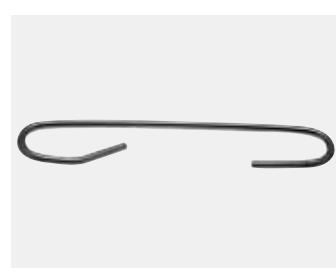
345635-INS



Small Cistern C Link

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

345650-INS



Large Cistern C Link

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

345660-INS



C Link Pack (Small and Large Bag)

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

345670-INS



Set of Toilet Seat Hinges (Black)

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

345700-INS

Pre-Packed Fittings

Guarantees

1 Year
on Pre-Packed Fittings



Set of Toilet Seat Hinges (White)

Quantity – 1
Dimensions – 320(h) x 80(w) x 31(d) mm
345705-INS



Close Couple Cistern Kit

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

345750-INS



Donut Washer

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

345805-INS



Brass Cap

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

348616-INS

348620-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 $\frac{1}{2}$ "
348917-INS $\frac{3}{4}$ "



Blanking Nut + Washer

Quantity – 1
Dimensions –
120(h) x 88(w) x 14(d) mm (348985-INS)
120(h) x 88(w) x 14(d) mm (348987-INS)
348985-INS $\frac{1}{2}$ "
348987-INS $\frac{3}{4}$ "



3' 6" Micropoint Hose

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

352020-INS



1/2" Micropoint Socket Straight

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

352070-INS



4' Bayonet Cooker Hose

Quantity – 1
Dimensions – 1122(h) x 34(w) x 34(d) mm
352121-INS



1/2" Bayonet Socket (Angled)

Quantity – 1
Dimensions – 35(h) x 25(w) x 25(d) mm
352144-INS



1/8" Test Nipples

Quantity – 1
Dimensions – 16(h) x 10(w) x 10(d) mm
352505-INS



Cooker Safety Chain – 1m

Quantity – 1
Dimensions – 100(h) x 1120(w) x 4(d) mm
352600-INS



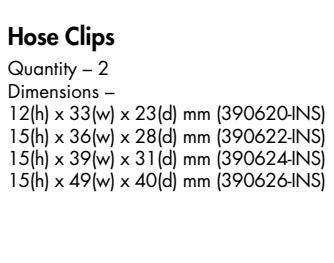
Cooker Rest Chain – 16" (BS6172 Kit)

Quantity – 1
Dimensions – 120(h) x 80(w) x 15(d) mm
352615-INS



Meter Box Key

Quantity – 1
Dimensions – 53(h) x 40(w) x 14(d) mm
352655-INS



Hose Clips

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



390620-INS Size 00 14mm-20mm
390622-INS Size 0 16mm-22mm
390624-INS Size OX 18mm-25mm
390626-INS Size 1 25mm-35mm

Guarantees

1 Year
on Pre-Packed Fittings

Pre-Packed Fittings



Copper Saddle Clips

Quantity – 2	
Dimensions –	
10(h) x 41(w) x 16(d) mm (390710-INS)	
10(h) x 49(w) x 24(d) mm (390715-INS)	
390710-INS	1.5mm
390715-INS	22mm



Washing Machine Hose (Red)

Quantity – 1	
Dimensions –	
1500(h) x 32(w) x 32(d) mm (392442-INS)	
2500(h) x 32(w) x 32(d) mm (392451-INS)	
392442-INS	1.5m
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



2.5m Outlet Hose

Quantity – 1	
Dimensions –	
2500(h) x 34(w) x 34(d) mm	
392475-INS	



Washing Machine Y Piece

Quantity – 1	
Dimensions –	
80(h) x 69(w) x 32(d) mm	
392490-INS	



Washing Machine Hose Washer

Quantity – 5	
Dimensions –	
2(h) x 24(w) x 24(d) mm	
392495-INS	



Plumbing Out Kit

Quantity – 1	
Dimensions –	
Please request	
392528-INS	



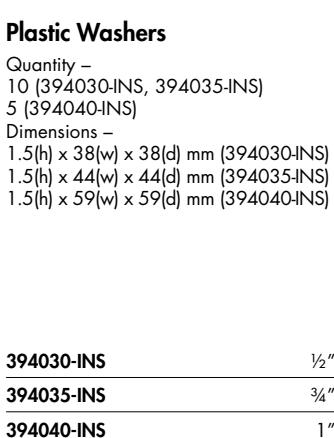
17mm Washing Machine Outlet Hose Joiner

Quantity – 1	
Dimensions –	
67(h) x 28(w) x 28(d) mm	
392530-INS	



Fibre Cap + Lining Washer

Quantity – 10	
Dimensions –	
1.5(h) x 19(w) x 19(d) mm (394005-INS)	
1.5(h) x 24(w) x 24(d) mm (394010-INS)	
394005-INS	1/2"
394010-INS	3/4"



Plastic Washers

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



1 1/4" Plastic Sink Washer

Quantity – 5	
Dimensions –	
1.5(h) x 57(w) x 57(d) mm	
394045-INS	



1 1/2" Plastic Washer

Quantity – 2	
Dimensions –	
1.5(h) x 86(w) x 86(d) mm	
394050-INS	



1 1/2" 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	

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

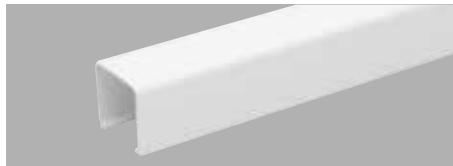
M209	16mm
M210	22mm



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

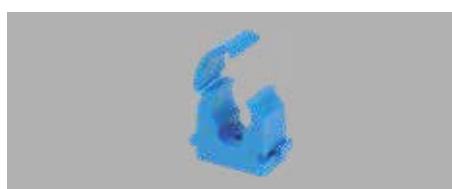
P622	15mm
P623	22mm

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

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

5 Pack (P316, P317, P319, P320)

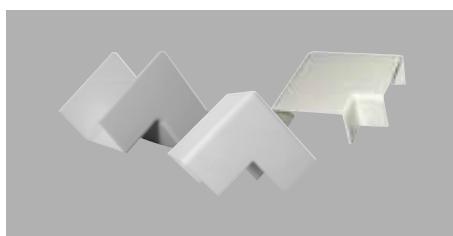
1 Pack (P318, P321)

White

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

Chrome

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



10, 15, 22mm Corner Clips

Colour – White

Quantity –

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

2 Pack (T610, T613, T616)

Inner Corner

T610	10mm
T611	15mm
T612	22mm

Outer Corner

T613	10mm
T614	15mm
T615	22mm

Flat Corner

T616	10mm
T617	15mm
T618	22mm



15, 22mm T Connectors

Colour – White

Quantity – 1 Pack

T634

15mm

T635

22mm



10, 15, 22mm Straight Connector Clips

Colour – White

Quantity –

10 Pack (T620, T621)

2 Pack (T619)

T619

10mm

T620

15mm

T621

22mm



10, 15, 22, 28mm Stop End Clips

Colour – White

Quantity –

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

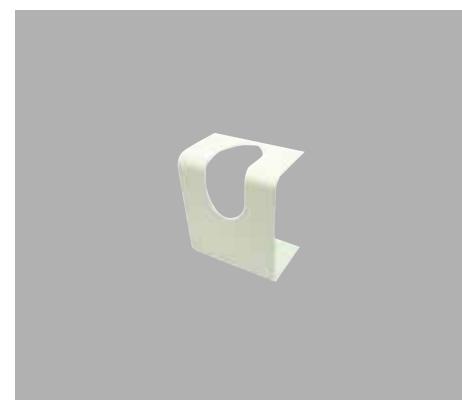
2 Pack (T625)

Single

T622	15mm
T623	22mm
T624	28mm

Double

T625	10mm
T626	15mm
T627	22mm



15, 22mm Access Clips

Colour – White

Quantity – 10 Pack

Top Access

T628	15mm
T629	22mm

Side Access

T630	15mm
T631	22mm



20, 70mm Vent Plugs

Colour – White

Quantity – 10 Pack

T632	20mm
T633	70mm



10mm Swept Bend

Colour – White

Quantity – 1 Pack

T636	10mm
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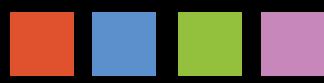
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