



John Guest®

Plumbing & Heating Guide 2026



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One brand One trusted solution

John Guest, part of the RWC group, provides precision-engineered, rigorously tested plumbing and heating solutions for the modern built environment.

For more than 65 years, our innovations have helped shape how the industry connects and controls plumbing and heating systems. We deliver compliant, high-performance solutions designed for efficiency, reliability and confident installation.

Trusted by tens of thousands of professionals across the UK, John Guest products deliver simpler, safer, high-performing systems in domestic and commercial buildings.

One brand. One trusted solution.



Our growing range of innovative products

The John Guest plumbing and heating range spans pipe connection systems, water control solutions and heating components – each engineered for reliable performance and improved efficiency in new-build, renovation, repair, maintenance and improvement projects.

Speedfit



Plastic push-fit system
A complete flexible plastic push-fit plumbing system for hot and cold water and central heating systems. Secure, tool-free connections that reduce install time and allow easy demounting.

MDPE Compression



MDPE compression system
Reliable MDPE compression fittings for straightforward, cost-efficient connection of underground cold water mains. Simple, tool-free assembly supports external installation in typical trench conditions and outdoor environments.



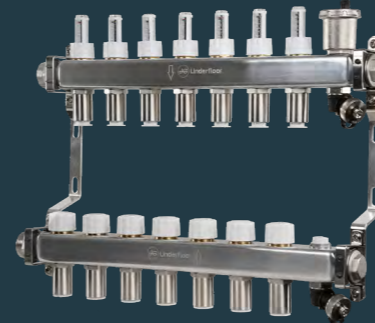
SharkBite

Brass push-fit system
DZR brass push-fit fittings and valves for demanding plumbing and heating applications. They withstand high temperatures and pressures and are ideal for rapid boiler connections and tool-free installation of copper or plastic pipe.



Reliance

Water control solutions and heating components
Water-control valves and heating components for potable and non-potable plumbing systems and sealed heating systems in domestic and commercial buildings. Providing precise pressure, temperature and flow control, the range includes solutions that protect and optimise overall system performance.



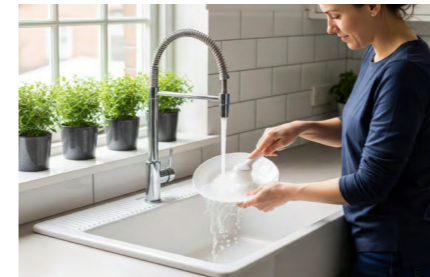
Underfloor

Underfloor heating systems
High-performance, energy-efficient underfloor heating systems suitable for any project type. Offering a choice of installation methods, fixing systems and pipe options, they are simple to install and compatible with conventional and renewable heat sources.

Applications

John Guest products are used across a wide range of domestic and commercial environments, from everyday household plumbing to the complex demands of multi-occupancy and public buildings.

Our engineering approach delivers reliable, high-performance solutions that enable straightforward installation and dependable operation across diverse systems.



Existing homes & RMI

Homes of all ages need dependable plumbing and heating. Our push-fit systems – or individual fittings, valves and pipe – support efficient upgrades, repairs and maintenance, reducing installation time and ensuring reliable performance in lived-in domestic environments.



New build homes

New build developments require plumbing and heating solutions that are efficient and compliant. We offer push-fit systems, water control valves and heating components that meet modern construction standards.



Multi-occupancy homes

Apartment blocks, hotels and student accommodation need solutions for intensive, varied use. Our products support safe, efficient water management, helping specifiers and contractors meet the demands of complex buildings.



Commercial

Commercial buildings rely on temperature and flow control valves and heating components that maintain safe, efficient and stable operation. Meeting required standards and best practice, they deliver reliable performance quietly and continuously.



Care homes

Care environments house vulnerable residents and require stringent safety and hygiene. Our water control valves and heating components maintain stable temperatures and safe operation, protecting residents and supporting essential standards.



Hospitals

Hospitals are clinical environments that depend on precise temperature, flow and hygiene control. Our valves meet or exceed relevant standards, improving efficiency and offering long term operational benefits without compromising quality.



Education

Schools, colleges and universities experience high footfall and varied usage patterns. Our solutions maintain reliable plumbing and heating operation while meeting the safety requirements for young people and staff.



Sports and leisure

Sports and leisure facilities rely on consistent, high performance water and heating systems. Our solutions support efficient operation, helping venues maintain reliability and comfort.

Global strength Local expertise

 Regional Headquarters



\$1.2 billion +
group turnover



Billions
of our products are
used worldwide



58
global locations



14
manufacturing
plants



29
distribution
hubs



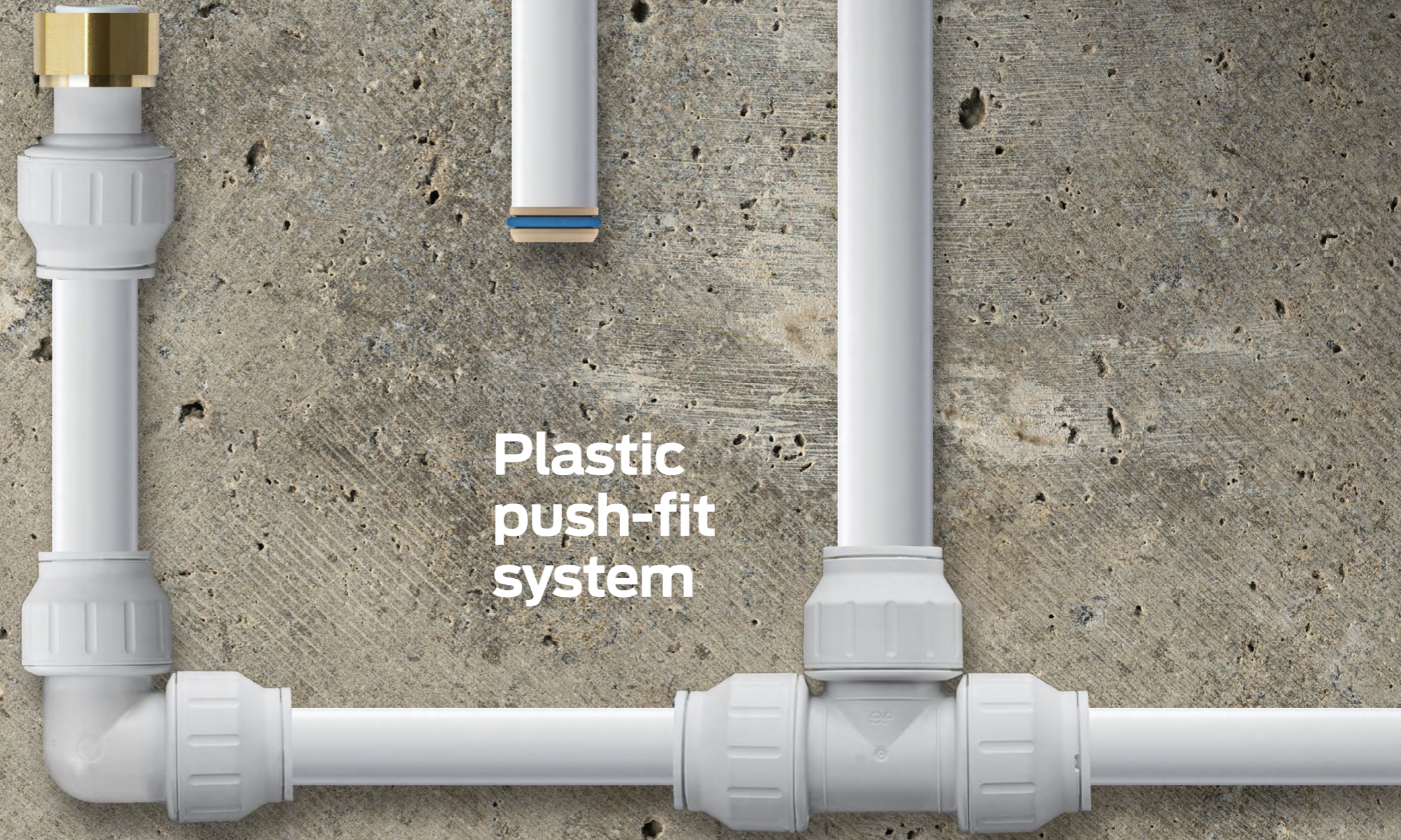
5
innovation
centres



60+
countries served
worldwide

Plastic
push-fit
system

Speedfit®



Plastic push-fit plumbing and heating system. Engineered for fast, simple, reliable installation.



Speedfit is the original engineered push-fit system, built on the pioneering push-fit technology John Guest developed more than 50 years ago. Designed for domestic new build and RMI projects, it provides a durable, flexible and professional-grade solution for hot and cold water and central heating applications.

Easy-to-connect fittings and flexible pipe help installers work faster, especially in tight or awkward spaces, while reducing joints count. Precision-engineered push-fit and multi-seal technology deliver leak-resistant performance and provide a tool-free, flame-free joint that removes hot-works risk and helps reduce time on site.

Compatible with plastic or copper pipe and backed by a 50-year guarantee*, Speedfit gives installers confidence in fast, consistent, right-first-time results. A range of tap connectors and service valves completes the system, supporting quick installation and simple maintenance of fixtures and appliances.



*Available on our core range of fittings and pipe. Details of products included can be found online.

Features

- Instant push-fit connection for rapid installation
- Collet with stainless-steel teeth for a secure mechanical pipe grip
- Dual O-Rings for a reliable, long-lasting leak-resistant seal
- Twist-and-Lock® mechanism for added joint security
- Superseal inserts create an enhanced multi-seal (when used with fittings)
- Lead-free, non-toxic materials
- Corrosion-resistant materials are not prone to scale build-up

Benefits

- Fast installation with tool-free connection, demounting and refitting
- Safe, flame-free jointing with no hot works required
- Less labour-intensive, especially in tight or awkward spaces
- Flexible pipe simplifies routing in restricted areas
- Fewer joints required, helping reduce potential leak points
- Plastic remains cooler to handle than metal during installation
- Reliable long-term performance, helping reduce callbacks



Speedfit®



Equal Straight Connector

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
PEM0410W	10	10	60	500
PEM0415W	15	10	60	400
PEM0422W	22	5	30	200
PEM0428W	28	2	10	

Safely and securely connects two pipes of equal sizes



Reducing Straight Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM201510W	15 x 10	10	80
PEM202215W	22 x 15	5	40

Safely and securely connects two unequal metric pipe sizes



Reducer

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
PEM061510W	15 x 10	10	60	1000
PEM062215W	22 x 15	10	70	
PEM062815W	28 x 15	5	40	
PEM062822W	28 x 22	5	30	

Fast and securely connects two Speedfit fittings to reduce a line size



Equal Elbow

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
PEM0310W	10	10	60	500
PEM0315W	15	10	50	400
PEM0322W	22	5	25	150
PEM0328W	28	2	10	

Fast and reliably connects equally sized pipe to form a 90° pipe bend



Reducing Elbow

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM211510W	15 x 10	10	50
PEM212215W	22 x 15	5	40

Fast and reliably connects unequal pipe sizes to form a 90° pipe bend



135° Stem Elbow

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM571515W	15	10	80
PEM572222W	22	5	30

Easily connects two Speedfit fittings of equal size to create a cross-over type connection



90° Stem Elbow

PART NUMBER	PIPE MM	STEM MM	BAG QTY	SML BOX	LRG BOX
PEM221010W	10	10	10	60	
PEM221015W	10	15	10	60	
PEM221515W	15	15	10	40	500
PEM222222W	22	22	5	30	

Provides a swivel type connection. Note: A Collet Cover cannot be used on a Speedfit end assembled with the stem of a 22mm Stem Elbow



Equal Tee

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
PEM0210W	10	10	60	
PEM0215W	15	5	40	250
PEM0222W	22	5	15	100
PEM0228W	28	2	8	

Safely and securely connects three pipes of equal size



Reducing Tee

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
PEM3015BW	15 x 10 x 10	10	40	
PEM3015AW	15 x 15 x 10	5	40	
PEM3022CW	15 x 15 x 22	5	25	
PEM3022BW	22 x 15 x 15	5	25	150
PEM3022DW	22 x 15 x 22	5	15	150
PEM302210AW	22 x 22 x 10	5	20	
PEM3022AW	22 x 22 x 15	5	15	150
PEM3028BW	28 x 22 x 22	2	10	
PEM3028DW	28 x 22 x 28	2	10	
PEM302810AW	28 x 28 x 10	2	10	
PEM302815AW	28 x 28 x 15	2	10	
PEM3028AW	28 x 28 x 22	2	10	

Safely and securely connects three pipes of unequal size



Stem Tee

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM532210W	22 x 22 x 10	5	30
PEM532215W	22 x 22 x 15	5	25

Safely and securely connects Speedfit fittings directly onto a tee to create a swivel ended connection



Straight Tap Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEMSTC1014	10 x 1/2"	10	150
PEMSTC1514	15 x 1/2"	5	50
PEMSTC1516	15 x 3/4"	5	50
PEMSTC2216	22 x 3/4"	5	40

With brass swivel nut and sealing washer. For torque information please see our Technical Checklist section. Simply connects pipework to a tap without tools (hand-tighten to tap)



Bent Tap Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEMBTC1014	10 x 1/2"	10	150
PEMBTC1514	15 x 1/2"	5	50

With brass swivel nut and sealing washer. For torque figures see Technical Checklist

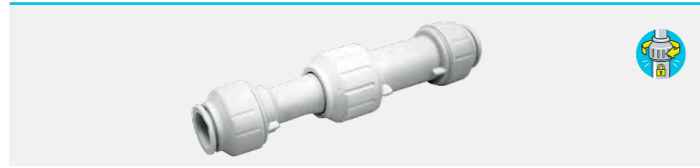
Twist & Lock technology

- Grip & seal collets with stainless steel teeth and main O-Ring seal
- Twist & Lock mechanism secures fitting and adds compression
- Compatible with hot & cold water and central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



Speedfit®

Twist & Lock Fittings



Pipe Repair Kit

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15RKP	15	1	80
22RKP	22	1	50

Provides a simple way of repair on a rigid pipe run. Remove a damaged section of pipe and replace with a repair kit



Slip Tee Connector

PART NUMBER	SIZE MM	BAG QTY	SML BOX
15TKP	15	1	80
22TKP	22	1	40

Provides a simple way to break into an existing pipe run. Efficiently repair and replace leaking pipework with this fully adjustable tee type fitting.

Plastic Standard Fittings



Female Coupler (Tap Connector)

PART NUMBER	SIZE MM X BSP	BAG QTY	SML BOX	LRG BOX
PSE3210W	10 x 1/2"	10	60	
PSE3201W	15 x 1/2"	10	70	600
PSE3203W	15 x 3/4"	5	70	
PSE3202W	22 x 3/4"	5	50	400

Requires hand tightening only. Note: Plastic threads are not as strong as metal threads. For torque figures see Technical Checklist.



Stop End

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
PSE4610W	10	10	60	
PSE4615W	15	10	100	500
PSE4622W	22	5	80	500
PSE4628W	28	5	20	

Safely and easily caps off pipework for a temporary or permanent installation



Tank Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
CM0715S	15	10	60
CM0722S	22	5	20
CM0728S	28	1	10

Suitable for cold water tanks only. Requires hand tightening only. Maximum wall thickness of tank = 4mm.



Wall Plate Elbow

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15PWB	15 x 1/2"	1	25

Hot and cold water only, 65°C maximum. Protect from sunlight and frost. For quick and secure installation of FBSP type 90° connections (with wall plate fixing)



Plug

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PL10	10	10	500
PL15	15	10	250
PL22	22	10	100
PL28	28	10	50

Safely plug a connection port on a Speedfit fitting, when not required.



Bulkhead Elbow

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
CM551516W	15mm x 3/4"	5	25

Not suitable for central heating systems. Hot and cold water only, 65°C maximum. For safe and secure through wall pipe connections.



Conversion Connector

PART NUMBER	SIZE INCH X MM	BAG QTY	BOX QTY
NC471	1/2" id x 15mm	5	500
NC2324	3/4" id x 22mm	5	30

Quickly and easily converts metric to imperial pipe sizes.



Slip Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
CM-SC-15S	15	10	60

Not suitable for central heating systems. Hot and Cold water only, 65°C maximum. Repairs damaged pipe easily, particularly in confined spaces, slip end allows flexible adjustment.



Hose Connector

PART NUMBER	SIZE MM X INCH	PACK QTY
NC448	15mm x 1/2"	1000
NC473	22mm x 3/4"	400
NC737	22mm x 1/2"	500

Not suitable for central heating systems. Hot and Cold water only, 65°C maximum. Easy to connect push-fit hose connection adaptor.



Unequal Straight Connector

PART NUMBER	SIZE MM X INCH	BAG QTY	BOX QTY
NC2511	15mm x 3/8"	10	100

Not suitable for central heating systems. Hot and Cold water only, 65°C maximum. Easy to connect push-fit hose connection adaptor.

Standard fitting technology

- Grip & seal collets with stainless steel teeth and main O-Ring seal
- Compatible with hot & cold water and central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



Manifolds



Plastic Plumbing Manifold (Direct Inlet Connections)

PART NUMBER	SIZE MM	PORTS	BOX QTY
PEM522210W	22mm x 10mm	4	4
PEM522215W	22mm x 15mm	4	4



Plastic Plumbing Manifold (Direct and Stem Connections)

PART NUMBER	SIZE MM	PORTS	BOX QTY
PEM582215AW	22mm x 15mm	2	4
PEM582215BW	22mm x 15mm	3	4
PEM582215CW	22mm x 15mm	4	4



Plastic Plumbing Manifold (Direct & Stem Connections - Cross Type)

PART NUMBER	SIZE MM	PORTS	BOX QTY
PEM582210AW	22mm x 10mm	2	4



4-Way Manifold

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
SFM512210E	22 x 10	5	30

Easily splits a supply to four different outlet feeds.



2-Way Divider

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
CM2315	15	5	50

Hot and cold water only, 65°C maximum. **Not suitable for central heating systems.**
Easily splits a supply to two separate outlet feeds.

DZR Brass Standard Fittings



Male Coupler

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
MW011504N	15mm x 1/2" BSPT	5	50
MW012206N	22mm x 3/4" BSPT	5	20
MW012808N	28mm x 1" BSPT	5	20

A durable brass adaptor for connecting Metric to FBSP type fittings

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
10MC(1/2)	10mm x 1/2" BSP	5	100
15MC(1/2)	15mm x 1/2" BSP	5	50
22MC(3/4)	22mm x 3/4" BSP	5	20
MW012818N	28mm x 1" BSP	5	20

A durable brass adaptor for connecting Metric to FBSP type fittings.



Female Coupler

PART NUMBER	SIZE MM	BAG QTY	SML BOX
MW451514N	15mm x 1/2" BSP	5	50
MW452216N	22mm x 3/4" BSP	5	50

A durable brass adaptor for connecting Metric to MBSP type fittings.



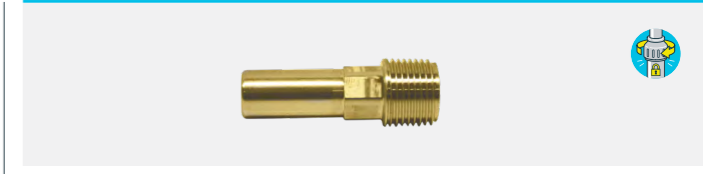
Wall Plate Elbow

PART NUMBER	SIZE	BAG QTY	BOX QTY
15WB	15mm x 1/2" BSP	1	20
22WB	22mm x 3/4" BSP	1	20

Short Version:

PART NUMBER	SIZE	BAG QTY	BOX QTY
15WB2	15mm x 1/2" BSP	1	25

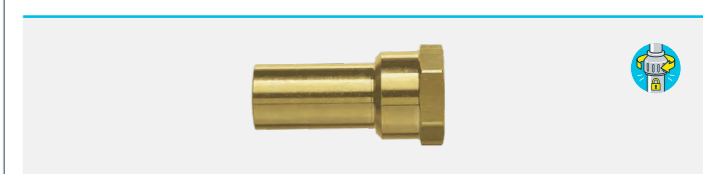
Hard-wearing Speedfit to FBSP 90° connector and integrated back plate (ideal for Bib taps)



Male Stem Adaptor

PART NUMBER	SIZE	BAG QTY	BOX QTY
MW051504N	15mm x 1/2" BSP	5	100
MW052206N	22mm x 3/4" BSP	5	50
MW052818N	28mm x 1" BSP	10	20

Easily converts a Speedfit connection to a MBSP type.



Female Stem Adaptor

PART NUMBER	SIZE	BAG QTY	BOX QTY
MW501514N	15mm x 1/2" BSP	5	50
MW502216N	22mm x 3/4" BSP	5	50

Easily converts a Speedfit connection to a FBSP type.



Female Cylinder Adaptor

PART NUMBER	SIZE	BAG QTY	BOX QTY
22CFA	15mm x 1/2" BSP	5	50

Easily converts a Speedfit connection to a FBSP type.



Male Cylinder Adaptor

PART NUMBER	SIZE	BAG QTY	BOX QTY
22CMA	22mm x 1" BSP	5	50

Durable brass Speedfit to FBSP cylinder connector

Fitting Accessories



Collet

PART NUMBER	SIZE MM	PACK QTY
For PKM Fittings		
PXC10	10	20
PXC15	15	20
SPF22	22	20
For PEM Fittings		
PXC10	10	20
PXC15	15	20
PXC22	22	20

Suitable for hot and cold water and central heating systems.



Release Aid

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
10RA	10	10	500
15RA	15	10	500
22RA	22	10	400
28RA	28	10	300

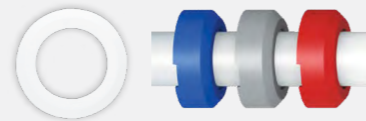
Quickly and easily demount pipework from a Speedfit fitting. Provides a firmer grip on the collet demounting pipe.



Collet Locking Clip

PART NUMBER	SIZE MM	BOX QTY	COLOUR
CM1810S	10	2000	Grey
CM1815S	15	1000	Grey
CM1822S	22	1000	Grey
CM1810W	10	2000	White
CM1815W	15	1000	White
CM1822W	22	1000	White
CM1810R	10	2000	Red
CM1815R	15	1000	Red
CM1822R	22	1000	Red
CM1810B	10	2000	Blue
CM1815B	15	1000	Blue
CM1822B	22	1000	Blue

White and grey collet clips prevent accidental release of pipe from standard fittings. Red and blue clips provide colour coding of pipe, they should not be used to prevent accidental release of pipe. Suitable for hot and cold water and central heating systems.



Collet Cover

PART NUMBER	SIZE MM	BAG QTY	SML BOX	COLOUR
PKM1910W	10	100	500	White
PKM1910R	10	100	500	Red
PKM1910B	10	100	500	Blue
AM1915W	15	100	400	White
PM1915R	15	100	400	Red
PM1915B	15	100	400	Blue
AM1922W	22	50	200	White
PM1922R	22	50	200	Red
PM1922B	22	50	200	Blue

Peace of mind protection from accidental pipe disconnection (colour coded to identify supply). Suitable for hot and cold water and central heating systems.

Fitting Accessories



EPDM O-Ring

PART NUMBER	SIZE MM	PACK QTY
10 EPR	10	20
15 EPR	15	20
22 EPR	22	20
28 EPR	28	20

Durable replacement seal for Speedfit fittings. Suitable for hot and cold water and central heating systems.

White PB Layflat Pipes



White PB Layflat Pipe Coil

PART NUMBER	SIZE MM X M	PACK QTY	BOX QTY
10BPB-25C	10 x 25	1	
10BPB-50C	10 x 50	1	
10BPB-100C	10 x 100	1	
15BPB-25C	15 x 25	1	8
15BPB-50C	15 x 50	1	6
15BPB-85C	15 x 85	1	10
15BPB-100C	15 x 100	1	4
15BPB-120C	15 x 120	1	4
15BPB-150C	15 x 150	1	3
15BPB-300C	15 x 300	1	
22BPB-25C	22 x 25	1	6
22BPB-50C	22 x 50	1	4
28BPB-25C	28 x 25	1	
28BPB-50C	28 x 50	1	

Coils: The pipe is made from a soft material with little memory ensuring a flexible system. It has an inner barrier to stop the ingress of air. British Gas accepted for water pipe in vented and sealed central heating systems. Easy to handle and ideal for cabling through joists. Lightweight polybutylene material for extra flexibility.



Thread Washer

PART NUMBER	SIZE INCH	PACK QTY
1/2 EPW	1/2"	20
3/4 EPW	3/4"	20

For use with Female Coupler/Tap Connector. Part No. PSE3210W, PSE3201W, PSE3202W & PSE3203W. Durable replacement thread seal for Speedfit tap connectors and FBSP fittings. Suitable for hot and cold water and central heating systems.

White PEX Barrier Pipes



White PEX Barrier Pipe Coil

PART NUMBER	SIZE MM X M	PACK QTY	BOX QTY
10BPEX-25C	10 x 25	1	20
10BPEX-50C	10 x 50	1	10
10BPEX-100C	10 x 100	1	6
15BPEX-25C	15 x 25	1	8
15BPEX-50C	15 x 50	1	5
15BPEX-100C	15 x 100	1	5
15BPEX-120C	15 x 120	1	5
15BPEX-150C	15 x 150	1	4
22BPEX-25C	22 x 25	1	8
22BPEX-50C	22 x 50	1	5

British Gas accepted for water pipe in vented and sealed central heating systems.



White PEX Barrier Pipe length

PART NUMBER	SIZE MM X M	PACK QTY
15BPEX-20X2L	15 x 2	20
15BPEX-20X3L	15 x 3	20
15BPEX-20X6L	15 x 6	20
22BPEX-20X2L	22 x 2	20
22BPEX-20X3L	22 x 3	20
22BPEX-20X6L	22 x 6	20
28BPEX-10X3L	28 x 3	10
*28BPEX-10X6L	28 x 6	10

*By special order only. Lightweight PEX Barrier pipe material. Suitable for hot and cold water and central heating systems.

Speedfit®

Red & Blue PEX Barrier Pipe Lengths



Red & Blue PEX Barrier Pipe Length

PART NUMBER	SIZE MM X M	PACK QTY
Red		
15BPEX-20X6L-R	15 x 6	20
22BPEX-20X6L-R	22 x 6	20
Blue		
15BPEX-20X6L-B	15 x 6	20
22BPEX-20X6L-B	22 x 6	20

The pipe has an inner barrier to stop the ingress of air. Lightweight PEX Barrier pipe material. Suitable for hot and cold water and central heating systems

Pipe In Pipes

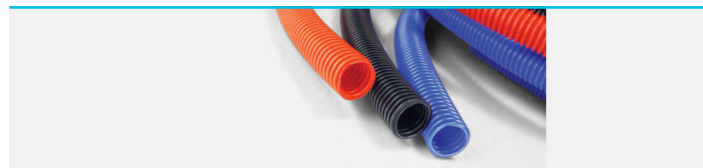


White Pipe In Pipe Coil

PART NUMBER	SIZE MM X M	PACK QTY
15PIP-50C-E	15 x 50	1
22PIP-50C-E	22 x 50	1

Lightweight plastic pipe protected with pre-fitted conduit. Suitable for hot and cold water and central heating systems

Conduit Pipes



Conduit Pipe Coil

PART NUMBER	SIZE MM X M	PACK QTY
Black		
15BLKCON-25C	15 x 25	1
15BLKCON-50C	15 x 50	1
22BLKCON-25C	22 x 25	1
22BLKCON-50C	22 x 50	1

Pipe Inserts



Standard Pipe Insert

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
TSM10N	10	50	500	5000
TSM15N	15	50	500	5000
TSM22N	22	25	250	2000
TSM28N	28	10	70	1000

To be used when connecting Speedfit Pipe to a compression fitting or fitting from another manufacturer. Suitable for hot and cold water and central heating systems



Superseal Pipe Insert

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
STS10	10	50	500	5000
STS15	15	50	500	5000
STS22	22	25	250	2000
STS28	28	10	70	1000

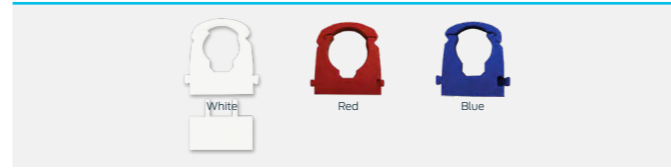
Only to be used with Speedfit Pipe and Speedfit fittings together, to give enhanced sealing. Creates a rigid connection and enhanced double seal when fitting a Speedfit pipe to a Speedfit fitting. Suitable for hot and cold water and central heating systems.

Insert Guidance

When connecting SharkBite Brass to Speedfit Pipe a standard Speedfit Insert (TSM) should be used. Speedfit Superseal Inserts (STS) should not be used.



Pipe Accessories



Pipe Clip & Spacer

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
White			
PC15W	15	50	200
PC22W	22	50	100
PC28W	28	20	80
PCSW	SPACER	50	400
Red			
PC15R	15	50	200
PC22R	22	50	100
PC28R	28	20	80
Blue			
PC15B	15	50	200
PC22B	22	50	100
PC28B	28	20	80

Ensures pipework is securely held. Spacer allows for larger fittings/valves to be clipped back correctly. Suitable for hot and cold or central heating pipework.



Nail Clip

PART NUMBER	SIZE MM	PACK QTY	BOX QTY
NPC10	10	50	1000
NPC15	15	50	400
NPC22	22	50	250
NPC28	28	20	200

Quickly and securely supports pipework (easy to retrofit). Suitable for hot and cold or central heating pipework.



Conduit Elbow

PART NUMBER	SIZE MM	BAG QTY	PACK QTY
CONELB	Fits 10, 15 & 22mm	10	70

Used in conjunction with conduit, allowing the conduit to be terminated & the pipe within to transition at a 90 bend.



Cold Forming Bend

PART NUMBER	SIZE MM	PACK QTY	BOX QTY
10CFB	10	10	200
22CFB	22		10

Creates a tighter, fixed bend than the minimum unsupported plastic pipe allows.



Foil Tape

PART NUMBER	SIZE MM X M	PACK QTY
JGTAPE	50 x 45	8

Tough and versatile metallic tape that meets NHBC requirements for concealed in-wall piping.



Pipe Cutter

PART NUMBER	PACK QTY	BOX QTY
JG-TS	1	60

Precisely cuts barrier pipe up to 22mm creating a clean, square pipe end for pipe insertion.



Heavy Duty Pipe Cutter

PART NUMBER	PACK QTY	BOX QTY
JGHDC	1	20

Precisely cuts barrier pipe up to 22mm creating a clean, square pipe end for pipe insertion.

Speedfit®

Standard Plastic Body Valves



Stop Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15STV/2	15	1	15
22STV/2	22	1	8

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Quick to connect screw down mains stop valve.



Angle Stop Valve

PART NUMBER	SIZE MM X INCH	BAG QTY	BOX QTY
ASV3	15 x 1/4"	1	30
ASV4	15 x 3/8"	1	25

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Provides an inline connection with shut off and check valve protection for the easy installation of water coolers, filtration equipment and vending machines.



Appliance Tap

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15APT	15 x 3/4"	5	40

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
For maximum torque figures on plastic thread, please see Technical Checklist.
Quickly connects an appliance to the supply with integrated 1/4 turn shut off valve.



Appliance Tee

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15APT2P	15 x 3/4"	5	30

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
For maximum torque figures on plastic thread, please see Technical Checklist.
Quickly connects an appliance to the supply with integrated 1/4 turn shut off valve.



Tool-free Service Valve with Tap Connector

PART NUMBER	SIZE MM X BSP	TYPE	BAG QTY	BOX QTY
15SVBTC-01-W	15mm x 1/2"	Angled	1	200
15SVSTC-01-W	15mm x 1/2"	Straight	1	200

Not suitable for central heating systems.
Quickly connects a 90 degree supply feed to an outlet -
With integrated tool-less handle to open/close the service valve.



Double Check Service Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15DCSV	15	1	20

Not suitable for central heating systems. Hot and Cold water only, 65°C maximum.
Fast to connect double check valve for fluid category 3 backflow prevention with integrated isolation.



Service Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15SV	15	5	50
22SV	22	5	25

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Fast to connect inline service valve allows isolation of the appliance for maintenance.



White



Service Valve with Tap Connector

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15SVSTC-W	15 x 1/2"	5	50

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
One piece service valve and tap connector that limits leak points.



White



Angle Service Valve with Tap Connector

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15SVBTC-W	15 x 1/2"	5	50

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
One piece service valve and tap connector that limits leak points.



Emergency Shut Off Tap

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15ESOT	15	5	40

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Slimline 1/4 turn shut off valve for emergency isolation to appliances.



Ball Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15SV-H	15	1	40
22SV-H	22	1	20

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Each valve has red and blue indices.
Fast to connect inline service valve with isolation handle, allows isolation of the appliance for maintenance.



Double Check Valve

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15DCV	15 x 1/2"	5	50

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
One piece service valve and tap connector that limits leak points.

1/4 Turn Valves are indicated by this marker:

These valves have been designed to allow temporary servicing of downstream equipment and must only be used in the fully open or fully closed position.

DO NOT use these valves:

- In a partially open position to control flow.
- To provide a permanent termination.
- Without tubing assembled or plugged (or threaded connections sealed).
- As a tap or "faucet".

Speedfit®

DZR Brass Body Valves



Stop Tap

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15BSC	15	5	50

Not suitable for potable water.
Durable brass bodied screw-down mains stop valve.



Service Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15HSV-BRASS	15	1	20

Durable brass service valve allows isolation of the appliance for maintenance.



Manifold

PART NUMBER	DESCRIPTION	SIZE BSP X MM	PCK QTY	BOX QTY
JGMAN2	2 Port	3/4" x 15	1	30
JGMAN3	3 Port	3/4" x 15	1	25
JGMAN4	4 Port	3/4" x 15	1	20

Blanking plug supplied with each manifold.
Each manifold supplied with reversible red and blue discs



Drain Cock

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15BDC	15	5	50

Speedfit Drain Cocks cannot be used where collet covers are fitted.
They can be used with a standard fitting fitted with a collet clip.
Stem ended drain off valve provides an ideal drain down point.

Chrome Plated Valves



Lever Ball Valve

- Range of full bore ball valves
- PN25/PN40 FBSP variants available
- Not suitable for chilled water applications
- Easy to use lever handle with clear colouring to designate usage - red and blue for water

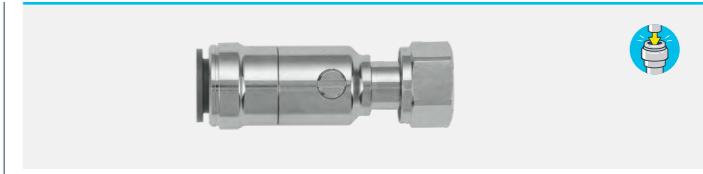
PART NUMBER	DESCRIPTION	SIZE
BVAL400200	Ball Valves with JG Speedfit connections (blue and red handles)	15mm
BVAL400210	Ball Valves with JG Speedfit connections (blue and red handles)	22mm



Service Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
10HSV	10	1	30
15HSV	15	1	20
22HSV	22	1	8

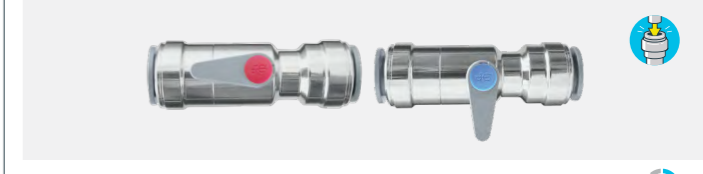
Chrome finished service valve allows isolation of the appliance for maintenance.



Service Valve with Tap Connector

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15PTSV	15 x 1/2"	1	20

Chrome finished, one piece combined service valve and tap connector.



Ball Valve

PART NUMBER	SIZE BSP	BAG QTY	BOX QTY
10BV	10"	1	30
15BV	15"	1	20
22BV	22"	1	15

Each valve has red and blue indices.
Chrome finished service valve with isolating handle allows isolation of the appliance for maintenance.

Valve Accessories



Identity Disc

PART NUMBER	PACK QTY	BOX QTY
FLX-RED	10	10
FLX-BLU	10	10

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple to install.

Standard technology

- Grip & seal Collets with stainless steel teeth and main O-Ring seal
- Compatible with hot & cold water and central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe

1/4 Turn Valves are indicated by this marker:

These valves have been designed to allow temporary servicing of downstream equipment and must only be used in the fully open or fully closed position.

DO NOT use these valves:

- In a partially open position to control flow.
- To provide a permanent termination.
- Without tubing assembled or plugged (or threaded connections sealed).
- As a tap or "faucet".

Speedfit®

Thermostatic Mixing Valves



Easifit® Thermostatic Mixing Valve

- Suitable for BREEAM projects as it operates as low as 1lpm (15mm) and 4lpm (22mm)
- Works in larger areas up to 10:1 pressure differential, rather than industry standard 5:1
- Viton seals, not EPDM, to significantly improve performance at higher temperatures
- Compact design for installation in tighter spaces (dimensions)
- Push-fit connections

PART NUMBER	MODEL	SIZE
HEAT155010	Insert with JG Speedfit connections	15mm

Pressure Reducing Valves



312 Compact Pressure Reducing Valve

- Drop tight valve - controls the pressure under flow and no-flow conditions
- One piece, easy to replace cartridge contains all working parts
- Integral strainer to protect the seat of the valve and is fully serviceable
- JG Speedfit push-fit connections for fast and simple installation and maintenance
- Installation flexibility - can be installed in any orientation
- Gauge ports located on either side of the base of the valve

PART NUMBER	DESCRIPTION	SIZE
Cold – For up to 16 bar and 45°C. Adjustable between 1.5 – 6.0 bar		
PRED312100	312 Compact PRV with JG Speedfit connections	15mm push-fit
PRED312110	312 Compact PRV with JG Speedfit connections	22mm push-fit



Automatic Air Vent (AAV)

- Automatically vents trapped air from within a sealed heating system
- Saves time and cost when commissioning new heating systems
- Solid brass construction and heat resistant polypropylene float give long life and dependability
- Reduces call backs to rectify air locks, saving time and money
- JG Speedfit push-fit connections for fast and simple installations and maintenance

PART NUMBER	MODEL	SIZE
AVEN300001	Automatic Air Vent with JG Speedfit connection	15mm

Radiator Valves & Outlet Plates



Thermostatic Radiator Valve

PART NUMBER	SIZE MM	PACK QTY	BOX QTY
JGTHRAD15	15	1	10

Fast and easy to install radiator valve with adjustable head



Lockshield Radiator Valve

PART NUMBER	SIZE MM	PACK QTY	BOX QTY
JGRAD15	15	1	20

Fast and easy to install radiator valve with tamperproof lockshield cap

- Standard technology**
- Grip & seal Collets with stainless steel teeth and main O-Ring seal
 - Compatible with hot & cold water and central heating systems, unless stated otherwise
 - Suitable for use with plastic or copper pipe



Radiator Outlet Plate

PART NUMBER	PACK QTY	BOX QTY
JG-ROP	1	25

Creates a neat outlet for 10mm supply pipes to a radiator. To be used with single gang 25mm steel KO boxes to BS 4662, fitted with rubber grommet.

Braided Flexible Tap Connectors



Speedfit x Union Nut

PART NUMBER	SIZE MM X BSP	BAG QTY	SML BOX	BOX QTY
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150mm

FLX43P	15 x 1/2"	2	30	
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300mm

FLX35P	15 x 3/8"	2	30	
FLX15P	15 x 1/2"	2	70	150
FLX16P	15 x 3/4"	2	70	150
FLX22P	22 x 3/4"	2	30	150

500mm

FLX18P	15 x 1/2"	2	50	150
FLX20P	15 x 3/4"	2	30	
FLX19P	22 x 3/4"	2	30	100

1000mm

FLX40P	15 x 1/2"	1	20	
FLX42P	15 x 3/4"	5	25	
FLX41P	22 x 3/4"	1	20	

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C. Fast and simple to install.

1/4 Turn Valves are indicated by this marker:

These valves have been designed to allow temporary servicing of downstream equipment and must only be used in the fully open or fully closed position.

DO NOT use these valves:

- In a partially open position to control flow.
- To provide a permanent termination.
- Without tubing assembled or plugged (or threaded connections sealed).
- As a tap or "faucet".



Speedfit x Union Nut with Service Valve

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
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Plastic valve - 300mm

FLX37P	15 x 1/2"	2	30
FLX39P	22 x 3/4"	2	100

Plastic valve with handle - 300mm

FLX37-H	15 x 1/2"	2	100
FLX39-H	22 x 3/4"	2	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C. Fast and simple to install.



Speedfit x Union Nut with Chrome Brass Service Valve

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
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Brass valve - 300mm

FLX24P	15 x 1/2"	2	20
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Brass valve - 500mm

FLX31P	15 x 1/2"	2	20
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Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C. Fast and simple to install.



Speedfit x Speedfit

PART NUMBER	SIZE MM X BSP	BAG QTY	SML BOX	LRG BOX
-------------	---------------	---------	---------	---------

300mm

FLX17P	15 x 15"	2	70	150
FLX26P	22 x 22"	2	30	

500mm

FLX21P	15 x 15"	2	30	
FLX27P	22 x 22"	2	30	

1000mm

FLX47	15 x 15"	5	25	
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Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C. Fast and simple to install.

Speedfit®

Braided Flexible Tap Connectors



Speedfit x Plain Stem

PART NUMBER	PIPE MM	STEM MM	BAG QTY	BOX QTY
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300mm

FLX53	15	15	25	100
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Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple to install.



Speedfit x Elbow Union Nut

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
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300mm

FLX36P	15 x 1/2"	2	30
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Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple to install.



Monobloc Hose Tails

PART NUMBER	SIZE MM X MALE	BAG QTY	BOX QTY
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300mm

FLX48	12 x M10	2	100
FLX28	15 x M10	2	25
FLX29	15 x M12	2	25

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple to install.

1/4 Turn Valves are Indicated by this marker:

These valves have been designed to allow temporary servicing of downstream equipment and must only be used in the fully open or fully closed position.

DO NOT use these valves:

- In a partially open position to control flow.
- To provide a permanent termination.
- Without tubing assembled or plugged (or threaded connections sealed).
- As a tap or "faucet".

White Flexible Tap Connectors



Speedfit x Elbow Union Nut

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
-------------	---------------	---------	---------

300mm

WFLX15	15 x 1/2"	2	50
WFLX16	15 x 3/4"	2	50
WFLX22	22 x 3/4"	2	40

500mm

WFLX18	15 x 1/2"	2	100
WFLX20	15 x 3/4"	2	100
WFLX19	22 x 3/4"	2	50

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple push-to-connect action.



Speedfit x Union Nut with Service Valve

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
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Plastic valve with handle - 300mm

WFLX37-H	15 x 1/2"	2	100
WFLX39-H	22 x 3/4"	2	50

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple push-to-connect action.



Speedfit x Union Nut with Service Valve Hand tighten

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
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Plastic Valves - 300mm

PFLX37	15 x 1/2"	2	100
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Plastic Valves - 500mm

PFLX78	15 x 1/2"	2	80
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Plastic Valve with Handle - 300mm

PFLX37-H	15 x 1/2"	2	100
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Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple push-to-connect action.



Speedfit x Speedfit

PART NUMBER	SIZE MM X MM	BAG QTY	BOX QTY
-------------	--------------	---------	---------

300mm

WFLX33	15 x 10	2	100
WFLX17	15 x 15	2	100

500mm

WFLX21	15 x 15	2	100
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Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple push-to-connect action.



Speedfit x Hand Tighten

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
-------------	---------------	---------	---------

300mm

PFLX15	15 x 1/2"	2	100
PFLX16	15 x 3/4"	2	100
PFLX22	22 x 3/4"	2	80

500mm

PFLX18	15 x 1/2"	2	100
PFLX19	22 x 3/4"	2	50

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple push-to-connect action.



Extra Flexi Speedfit x Hand Tighten

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
-------------	---------------	---------	---------

300mm

PFLX88	15 x 1/2"	1	100
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Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple push-to-connect action.



Speedfit x Elbow Union Nut

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
-------------	---------------	---------	---------

300mm

WFLX36	15 x 10	2	100
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Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple push-to-connect action.



Monobloc Hose Tails

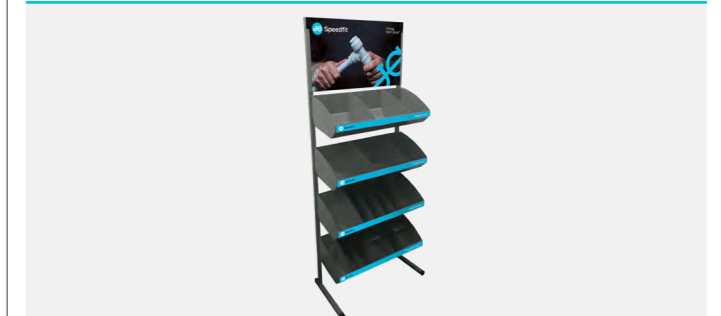
PART NUMBER	SIZE MM X MALE	BAG QTY	BOX QTY
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300mm

WFLX28	15 x M10	2	100
WFLX29	15 x M12	2	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65°C.
Fast and simple push-to-connect action.

Fittings Display Stands



Fittings Display Stand

PART NUMBER	SIZE FT
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JG-STAND/C	5.8' x 2.2'
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This stand is supplied without product

Standard technology

- Grip & seal Collets with stainless steel teeth and main O-Ring seal
- Compatible with hot & cold water and central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe

Speedfit® Pre-packed products

Twist & Lock Fittings



Equal Straight Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM0410WP	10	1	400
PEM0415WP	15	1	250
PEM0422WP	22	1	150
PEM0428WP	28	1	75

Safely and securely connects two pipes of equal sizes.



Reducing Straight Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM201510WP	15 x 10	1	250
PEM202215WP	22 x 15	1	200

Safely and securely connects two pipes of equal sizes.



Reducer

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM061510WP	15 x 10	1	400
PEM062215WP	22 x 15	1	250
PEM062815WP	28 x 15	1	200
PEM062822WP	28 x 22	1	150

Fast and securely connects two Speedfit fittings to reduce a line size.



Equal Elbow

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM0310WP	10	1	400
PEM0315WP	15	1	25
PEM0322WP	22	1	150
PEM0328WP	28	1	75

Fast and reliably connects equally sized pipe to form a 90° pipe bend.



Reducing Elbow

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM211510WP	15 x 10	1	250
PEM212215WP	22 x 15	1	150

Fast and reliably connects equally sized pipe to form a 90° pipe bend.



135° Stem Elbow

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM571515WP	15	1	250
PEM572222WP	22	1	150

Easily connects two Speedfit fittings of equal size to create a cross-over type connection.



90° Stem Elbow

PART NUMBER	PIPE MM	STEM MM	BAG QTY	SML BOX
PEM221010WP	10	10	1	400
PEM221015WP	10	15	1	300
PEM221515WP	15	15	1	250
PEM222222WP	22	22	1	200

Provides a swivel type connection.
Note:
A Collet Cover cannot be used on a Speedfit end assembled with the stem of a 22mm Stem Elbow.



Equal Tee

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM0210WP	10	1	300
PEM0215WP	15	1	200
PEM0222WP	22	1	100
PEM0228WP	28	1	50

Safely and securely connects three pipes of equal size.



Sizes listed as follows.
1 2
3



Reducing Tee

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM3015BWP	15 x 10 x 10	1	250
PEM3015AWP	15 x 15 x 10	1	200
PEM3022CWP	15 x 15 x 22	1	100
PEM3022BWP	22 x 15 x 15	1	100
PEM3022DWP	22 x 15 x 22	1	100
PEM302210AWP	22 x 22 x 10	1	150
PEM3022AWP	22 x 22 x 15	1	100
PEM3028BWP	28 x 22 x 22	1	75
PEM302815AWP	28 x 28 x 15	1	50
PEM3028AWP	28 x 28 x 22	1	50

Safely and securely connects three pipes of unequal size.



Sizes listed as follows.
1 2
3



Stem Tee

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PEM532210WP	22 x 22 x 10	1	150
PEM532215WP	22 x 22 x 15	1	150

Safely and securely connects Speedfit fittings directly onto a tee to create a swivel ended connection.

Twist & Lock technology

- Grip & seal Collets with stainless steel teeth and main O-Ring seal
- Twist & Lock mechanism secures fitting and adds compression
- Compatible with hot & cold water and central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe

Speedfit® Pre-packed products

Twist & Lock Fittings



Straight Tap Connector

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
PEMSTC1014P	10 x 1/2"	1	300
PEMSTC1514P	15 x 1/2"	1	200
PEMSTC1516P	15 x 3/4"	1	200
PEMSTC2216P	22 x 3/4"	1	200

With brass swivel nut and sealing washer.
For torque information please see our Technical Checklist section.
Quickly and securely connects pipework to a tap.



Angled Tap Connector

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
PEMBTC1014P	10 x 1/2"	1	300
PEMBTC1514P	15 x 1/2"	1	200

With brass swivel nut and sealing washer.
For torque figures see Technical Checklist.



Pipe Repair Kit

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15RKP	15	1	80
22RKP	22	1	50

Provides a simple way of repair on a rigid pipe run. Remove a damaged section of pipe and replace with a repair kit.



Slip Tee Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15TKP	15	1	80
22TKP	22	1	40

Provides a simple way to break into an existing pipe run.
Efficiently repair and replace leaking pipework with this fully adjustable tee type fitting.

Plastic Standard Fittings



Female Coupler (Tap Connector)

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
PSE3210WP	10 x 1/2"	2	600
PSE3201WP	15 x 1/2"	2	400
PSE3203WP	15 x 3/4"	2	400
PSE3202WP	22 x 3/4"	2	200

Requires hand tightening only.
Note: Plastic threads are not as strong as metal threads.
For torque figures see Technical Checklist.



Stop End

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
PSE4610WP	10	1	500
PSE4615WP	15	2	600
PSE4622WP	22	2	400

Safely and easily caps off pipework for a temporary or permanent installation.

Twist & Lock technology

- Grip & seal Collets with stainless steel teeth and main O-Ring seal
- Twist & Lock mechanism secures fitting and adds compression
- Compatible with hot & cold water and central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



Tank Connector

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
CM0715SP	15	1	200
CM0722SP	22	1	100

Requires hand tightening only.
Maximum wall thickness of tank = 4mm.
Suitable for cold water tanks only.

Manifolds



Plastic Plumbing Manifold (Direct Inlet Connections)

PART NUMBER	SIZE MM	PORTS	BOX QTY
PEM522210WP	22mm x 10mm	4	4
PEM522215WP	22mm x 15mm	4	4



Plastic Plumbing Manifold (Direct and Stem Connections)

PART NUMBER	SIZE MM	PORTS	BOX QTY
PEM582215AWP	22mm x 15mm	2	4
PEM582215BWP	22mm x 15mm	3	4
PEM582215CWP	22mm x 15mm	4	4



Plastic Plumbing Manifold (Direct & Stem Connections - Cross Type)

PART NUMBER	SIZE MM	PORTS	BOX QTY
PEM582210AWP	22mm x 10mm	2	4



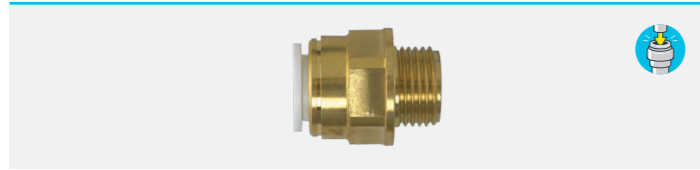
4 Way Manifold

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
SFM512210EP	22 x 10	1	150

Easily splits a supply to four different outlet feeds.

Speedfit® Pre-packed products

DZR Brass Standard Fittings



Brass Male Coupler

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15MC(1/2)P	15mm x 1/2"	1	50
22MC(3/4)P	22mm x 3/4"	1	50

A durable brass adaptor for connecting Metric to FBSP type fittings.



Wall Plate Elbow

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15WBP	15 x 1/2"	1	25

Hard-wearing Speedfit to FBSP 90° connector and integrated back plate (ideal for Bib taps).



Male Cylinder Adaptor

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
22CMAP	22 x 1"	1	40

Durable brass Speedfit to FBSP cylinder connector.



Female Cylinder Adaptor

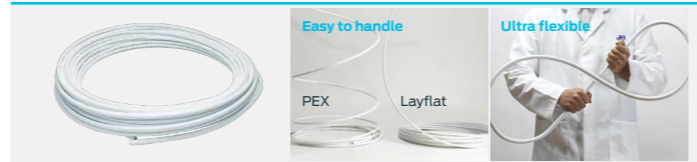
PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
22CFAP	22 x 1"	1	30

Durable brass Speedfit to FBSP cylinder connector.

Standard technology

- Grip & seal Collets with stainless steel teeth and main O-Ring seal
- Compatible with hot & cold water and central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe

White PB Layflat Pipes



White PB Layflat Pipe Coil

PART NUMBER	SIZE MM X M	PACK QTY	BOX QTY
10BPB-25C	10 x 25	1	
10BPB-50C	10 x 50	1	
10BPB-100C	10 x 100	1	
15BPB-25C	15 x 25	1	8
15BPB-50C	15 x 50	1	6
15BPB-85C	15 x 85	1	10
15BPB-100C	15 x 100	1	4
15BPB-120C	15 x 120	1	4
15BPB-150C	15 x 150	1	3
15BPB-300C	15 x 300	1	
22BPB-25C	22 x 25	1	6
22BPB-50C	22 x 50	1	4
28BPB-25C	28 x 25	1	
28BPB-50C	28 x 50	1	

Coils: The pipe is made from a soft material with little memory ensuring a flexible system. It has an inner barrier to stop the ingress of air. British Gas accepted for water pipe in vented and sealed central heating systems. Easy to handle and ideal for cabling through joists. Lightweight polybutylene material for extra flexibility.

White PEX Barrier Pipes



White PEX Barrier Pipe Coil

PART NUMBER	SIZE MM X M	PACK QTY	BOX QTY
10BPEX-25C	10 x 25	1	20
10BPEX-50C	10 x 50	1	10
10BPEX-100C	10 x 100	1	6
15BPEX-25C	15 x 25	1	8
15BPEX-50C	15 x 50	1	5
15BPEX-100C	15 x 100	1	5
15BPEX-120C	15 x 120	1	5
15BPEX-150C	15 x 150	1	4
22BPEX-25C	22 x 25	1	8
22BPEX-50C	22 x 50	1	5

British Gas accepted for water pipe in vented and sealed central heating systems.



White PEX Barrier Pipe Length

PART NUMBER	SIZE MM X M	PACK QTY
15BPEX-20X2L	15 x 2	20
15BPEX-20X3L	15 x 3	20
15BPEX-20X6L	15 x 6	20
22BPEX-20X2L	22 x 2	20
22BPEX-20X3L	22 x 3	20
22BPEX-20X6L	22 x 6	20
28BPEX-10X3L	28 x 3	10
*28BPEX-10X6L	28 x 6	10

*By special order only. Lightweight PEX Barrier pipe material. Suitable for hot and cold water and central heating systems.

Pipe Inserts



Standard Pipe Insert

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
TSM10NP	10	50	500	5000
TSM15NP	15	50	500	5000
TSM22NP	22	25	250	2000
TSM28N	28	10	70	1000

To be used when connecting Speedfit Pipe to a compression fitting or fitting from another manufacturer. Creates a rigid connection when fitting Speedfit pipe to a Speedfit or compression fitting. Suitable for hot and cold water and central heating systems



Superseal Pipe Insert

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
STS10P	10	50	500	5000
STS15P	15	50	500	5000
STS22P	22	25	250	2000
STS28P	28	10	70	1000

Only to be used with Speedfit Pipe and Speedfit fittings together, to give enhanced sealing. Creates a rigid connection and enhanced dual action seal when fitting a Speedfit pipe to a Speedfit fitting. Suitable for hot and cold water and central heating systems.

Pipe Accessories



Nail Clip

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
NPC10P	10	20	5000
NPC15P	15	20	2000
NPC22P	22	10	1000

Quickly and securely supports pipework (easy to retrofit). Suitable for hot and cold or central heating pipework.



Pipe Cutter

PART NUMBER	SIZE MM X M	PACK QTY
JG-TS	1	60

Precisely cuts barrier pipe up to 22mm creating a clean, square pipe end for pipe insertion.

Insert Guidance

When connecting SharkBite Brass to Speedfit Pipe a standard Speedfit Insert (TSM) should be used. Speedfit Superseal Inserts (STS) should not be used.



Speedfit® Pre-packed products

Standard Plastic Body Valves



Stop Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15STV/2P	15	1	15
22STV/2P	22	1	8

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Quick to connect screw down mains stop valve.



Appliance Tap

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15APT	15 x 3/4"	1	200

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
For maximum torque figures on plastic thread, please see Technical Checklist.
Quickly connects an appliance to the supply with integrated 1/4 turn shut off valve.



Appliance Tee

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15APT2P	15 x 3/4"	1	150

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Slimline 1/4 turn shut off valve for emergency isolation to appliances.



Tool-free Service Valve with Tap Connector

PART NUMBER	SIZE MM X BSP	TYPE	BAG QTY	BOX QTY
15SVBTC-01-WP	15mm x 1/2"	Angled	1	200
15SVSTC-01-WP	15mm x 1/2"	Straight	1	200

Not suitable for central heating systems.
Quickly connect horizontal or vertical supply feed to an outlet - With integrated tool-less handle to open/close the service valve.



Service Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15SVP	15	1	200
22SVP	22	1	150

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Fast to connect inline service valve allows isolation of the appliance for maintenance.



White



Service Valve with Tap Connector

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15SVSTC-WP	15 x 1/2"	1	50

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
One piece service valve and tap connector that limits leak points.



White



Angle Service Valve with Tap Connector

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15SVBTC-WP	15 x 1/2"	1	50

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
One piece service valve and tap connector that limits leak points.



Emergency Shut-Off Tap

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15ESOTP	15	1	200

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.



Double Check Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15DCVP	15	1	200

Not suitable for central heating systems.
Hot and Cold water only, 65°C maximum.
Suitable for applications up to fluid group 3.

DZR Brass Body Valves



Stop Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15BSCP	15	1	10

Only suitable for central heating systems.
Durable brass bodied screw-down mains stop valve.



Drain Cock

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15BDP	15	1	50

Speedfit Drain Cocks cannot be used where collet covers are fitted.
They can be used with a standard fitting fitted with a collet clip.
Stem ended drain off valve provides an ideal drain down point.



Chrome Plated Valves

Service Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
10HSVP	10	1	50
15HSVP	15	1	50
22HSVP	22	1	20

Suitable for hot and cold water and central heating systems (plastic or copper pipe).
Chrome finished service valve allows isolation of the appliance for maintenance.



Service Valve with Tap Connector

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
15PTSVP	15 x 1/2"	1	50

Suitable for hot and cold water and central heating systems (plastic or copper pipe).
Chrome finished, one piece combined service valve and tap connector.



Ball Valve

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
15BVP	15	1	40
22BVP	22	1	20

Each valve has red and blue indices.

1/4 Turn Valves are Indicated by this marker:

These valves have been designed to allow temporary servicing of downstream equipment and must only be used in the fully open or fully closed position.

DO NOT use these valves:

- In a partially open position to control flow.
- To provide a permanent termination.
- Without tubing assembled or plugged (or threaded connections sealed).
- As a tap or "faucet".

Standard technology

- Grip & seal Collets with stainless steel teeth and main O-Ring seal
- Compatible with hot & cold water and central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe

Speedfit®

Speedfit MDPE Push-Fit Fittings

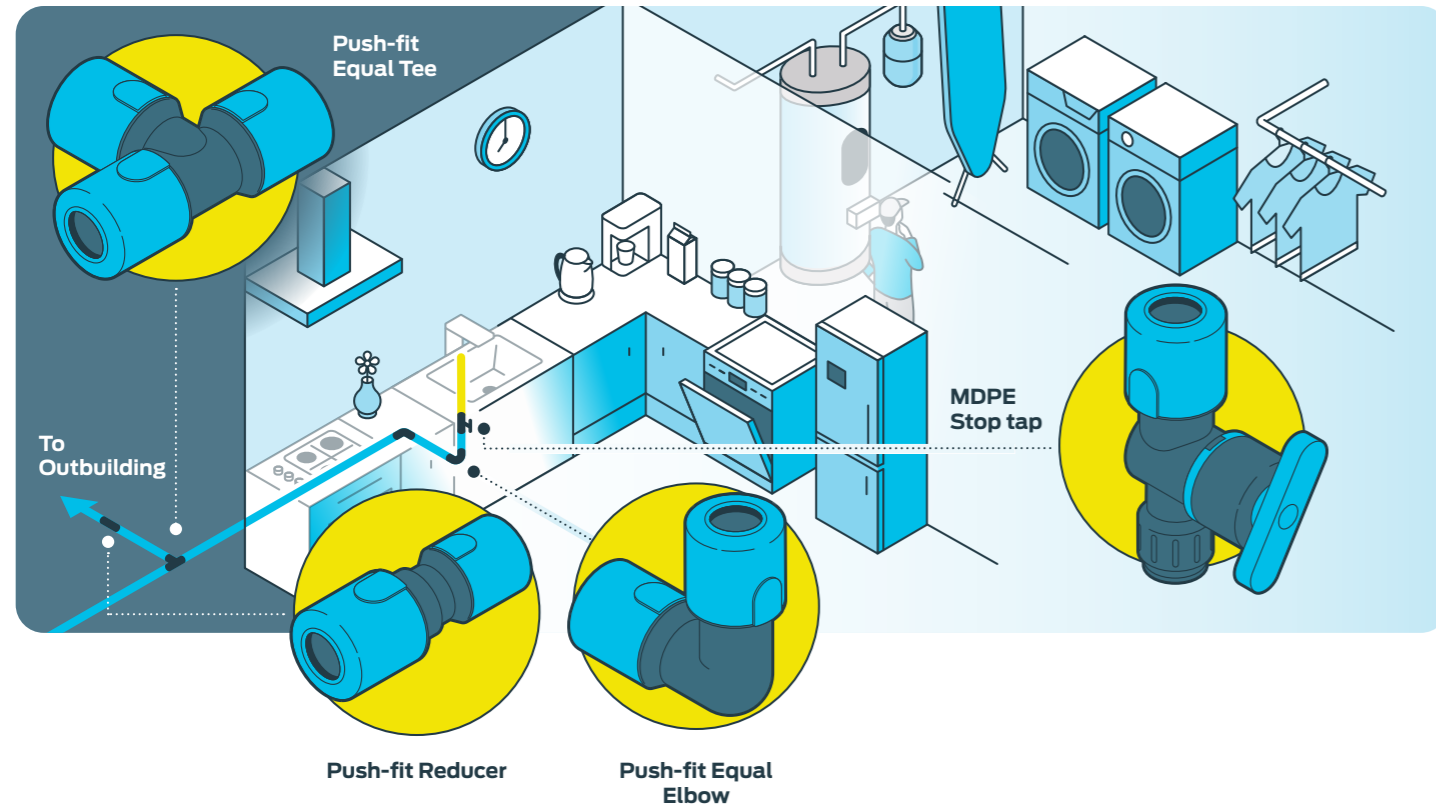
JG Speedfit's range of MDPE fittings feature an advanced collet with stainless steel teeth to provide extra grip onto the pipe. Speedfit underground fittings for MRS PE80 metric size polyethylene cold water service pipe are designed for the connection of:

- Blue MDPE pipes to BS EN 12201 - used for underground service pipes for potable water
- Black MDPE pipes to BS 6730 - used for conveyance of potable water above ground or for industrial services above or below ground.
- Blue pipe to BS EN 12201-2, 20mm PN16, 25mm and 32mm PN12.5

Using a simple push-fit action, our range is designed for long term performance and includes adaptors for screwed pipe, copper and imperial sized LDPE.

- Durable with high resistance to impact
- Fast and easy to install without tools
- Ready for immediate installation, no dismantling and maintenance free
- Patented collet firmly grips pipe and has high resistance to pull out
- Lead free, non-toxic and biological growth resistant
- Lightweight and slimline

Residential New Build Above ground



Speedfit MDPE Push-Fit Fittings



Straight Coupling

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UG401B	20	1	100
UG402B	25	1	30
UG403B	32	1	20

Safely and securely connects two MDPE pipes of equal size.



Reducing Coupling

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UG501B	25 x 20	1	80
UG502B	32 x 25	1	50

Safely and securely connects two unequal MDPE pipe sizes.



Conversion Adaptor (MDPE to Copper / PEX / PB)

PART NUMBER	SIZE MM	BAG QTY	SML BOX	LRG BOX
UG601B	20 x 15	1	50	150
UG603B	25 x 15	1	50	150
UG602B	25 x 22	1	50	150
UG604B	32 x 28	1	60	

Used to connect PE Pipe to copper or Speedfit Plumbing Pipe. Must not be buried directly into ground, soil, concrete or other substrates. Safely and securely connects MDPE to copper or Speedfit pipe (Inserts required).



Male Adaptor

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
UG101B	20 x 1/2" BSP	1	150
UG102B	25 x 3/4" BSP	1	100
UG103B	32 x 1" BSPT	1	60
UG104B	32 x 1 1/2" BSPT	1	80

Durable MDPE adaptor for connecting Metric to BSP type fittings.



Imperial to Metric Coupling

PART NUMBER	STEM MM	PIPE INCH	BAG QTY	BOX QTY
UGIC02	25	3/4"	1	80

Supplied with inch size Pipe Insert. To convert metric size fitting for use with imperial size LDPE to BS1972 Class C. Stem cannot be disconnected from mating connector with collet cover fitted. Quickly and easily converts metric MDPE pipe to imperial pipe sizes.



Female Thread Adaptor

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
UG4501B	20 x 1/2"	1	100
UG4502B	25 x 3/4"	1	100

Durable MDPE adaptor for connecting Metric to BSP type fittings.

Stainless Steel Grab Ring Technology

- MDPE fittings feature an advanced collet with stainless steel teeth to provide extra grip onto the pipe.
- Suitable for cold water use only
- Suitable for use with plastic or copper pipe

Speedfit MDPE Push-Fit Fittings



Elbow - 90 Degree

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UG301B	20	1	50
UG302B	25	1	30
UG303B	32	1	30

Fast and reliably connects equally sized MDPE pipe to form a 90° pipe bend.



Wall Plate Elbow

PART NUMBER	SIZE MM X BSP	BAG QTY	BOX QTY
UGPWB2014	20 x 1/2"	1	100
UGPWB2514	25 x 1/2"	1	70
UGPWB2516	25 x 3/4"	1	70

Quick and secure installation of MDPE to FBSP type 90° connections with wall plate fixing.



Stem Elbow

PART NUMBER	PIPE MM	STEM MM	BAG QTY	SML BOX
UG222025B	20	25	1	100
UG222525B	25	25	1	80
UG223232B	32	32	1	50

Stem cannot be disconnected from mating connector with collet cover fitted. Easily connects two MDPE fittings of unequal size to create a swivel type 90° connection.



Equal Tee

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UG201B	20	1	50
UG202B	25	1	30
UG203B	32	1	15

Safely and securely connects three MDPE pipes of equal size

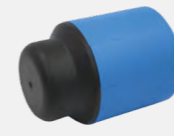


Sizes listed as follows:


Reducing Tee

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UG232AB	32 x 32 x 25	1	15

Safely and securely connects three MDPE pipes of unequal size.



Stop End

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UG4620B	20	1	150
UG4625B	25	1	100

Safely and easily cap off MDPE pipework (temporary or permanent installation).



Stop Tap (MDPE x MDPE)

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UGSTV2020	20	1	40
UGSTV2525	25	1	15
UGSTV3232	32	1	15

Quick to connect screw down type, MDPE to MDPE mains stop valve.



Stop Tap (MDPE x Copper / PEX / PB)

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UGSTV2515	25 x 15	1	40
UGSTV2522	25 x 22	1	20

The two Stop Taps for 15 or 22mm copper or PEX Pipe must not be buried directly into ground, soil, concrete or other substrates. Quick to connect screw down type, MDPE to copper/PEX/PB pipe mains stop valve.



Plug

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UG801E	20	1	50
UG802E	25	1	40
UG803E	32	1	30

Safely plugs a connection port on a Speedfit MDPE fitting if not required.



Pipe Insert

PART NUMBER	SIZE MM	BAG QTY	BOX QTY
UTS147-DB	20	10	100
UTS197-DB	25	10	150
UTS251-DB	32	2	300

Creates a rigid, leak tight connection when fitting MDPE to a compression fitting.

Stainless Steel Grab Ring Technology

- MDPE fittings feature an advanced collet with stainless steel teeth to provide extra grip onto the pipe.
- Suitable for cold water use only
- Suitable for use with plastic or copper pipe



MDPE Compression fittings



MDPE Compression

MDPE compression fittings for cold water mains. Engineered for reliable, cost-efficient performance.



MDPE Compression fittings provide secure, leak-resistant mains water connections for above and below ground applications. Their robust construction and compression-seal design make them a dependable choice for external service lines, boundary connections and project layouts where trench and ground-movement conditions demand durable reliability.

Straightforward to install without specialist tools or heat-based methods, the fittings are supplied ready for quick, confident assembly on site. Corrosion-resistant materials support long-term performance in buried or exposed environments, helping maintain joint integrity under soil loading and environmental shifts.

Potable-safe and approved for incoming mains lines, MDPE Compression fittings are available in a range of diameters to suit varied project needs. Supported by a 20-year guarantee, they offer a robust, cost-efficient solution for external mains installations.



*Available on our core range of fittings.
Details of products included can be found online.

Features

- Leak-resistant compression seal for secure mains connections above and below ground
- Robust body and nut design for trench and ground-movement conditions
- Straightforward installation with no specialist tools required
- Corrosion-resistant materials for buried or exposed environments
- Potable-safe and approved for incoming mains lines
- Wide size range to suit varied external mains layouts

Benefits

- Secure jointing performance for above- and below-ground mains
- Reliable trench performance, maintaining integrity under soil loading
- Simple, tool-free assembly that speeds up external works
- Long-term durability from corrosion-resistant materials
- Safe, compliant potable-water delivery for service lines
- Cost-efficient project delivery for straightforward external mains applications



MDPE Compression

MDPE Compression

Couplings



NEW

Straight Coupling

PART NUMBER	SIZE	CONNECTION
UGCF0420	20mm x 20mm	Compression x Compression
UGCF0425	25mm x 25mm	Compression x Compression
UGCF0432	32mm x 32mm	Compression x Compression



NEW

Repair Coupling

PART NUMBER	SIZE	CONNECTION
UGCF04R25	25mm x 25mm	Compression x Compression
UGCF04R32	32mm x 32mm	Compression x Compression



NEW

Reducing Coupling

PART NUMBER	SIZE	CONNECTION
UGCF202520	25mm x 20mm	Compression x Compression
UGCF203220	32mm x 20mm	Compression x Compression
UGCF203225	32mm x 25mm	Compression x Compression



NEW

Conversion Adaptor (MPDE to Copper / PEX / PB)

PART NUMBER	SIZE	CONNECTION
UGCF01PF2015	20mm x 15mm	Compression x Pushfit
UGCF01PF2515	25mm x 15mm	Compression x Pushfit
UGCF01PF2522	25mm x 22mm	Compression x Pushfit
UGCF01PF3222	32mm x 22mm	Compression x Pushfit
UGCF01PF3228	32mm x 28mm	Compression x Pushfit



NEW

Imperial to Metric Coupling

PART NUMBER	SIZE	CONNECTION
UGCF01IMP2012BSP	20mm x 1/2"	Compression x Compression
UGCF01IMP2512BSP	25mm x 1/2"	Compression x Compression
UGCF01IMP2534BSP	25mm x 3/4"	Compression x Compression

Elbows



NEW

90° Elbow

PART NUMBER	SIZE	CONNECTION
UGCF0320	20mm x 20mm	Compression x Compression
UGCF0325	25mm x 25mm	Compression x Compression
UGCF0332	32mm x 32mm	Compression x Compression



NEW

Wall Plate Elbow

PART NUMBER	SIZE	CONNECTION
UGCF88WB2012BSP	20mm x 1/2"	Compression x Female BSP Thread
UGCF88WB2534BSP	25mm x 3/4"	Compression x Female BSP Thread

Tees



NEW

Equal Tee

PART NUMBER	SIZE	CONNECTION
UGCF0220	20mm x 20mm x 20mm	Compression x Compression x Compression
UGCF0225	25mm x 25mm x 25mm	Compression x Compression x Compression
UGCF0232	32mm x 32mm x 32mm	Compression x Compression x Compression



NEW

Reducing Tee (Branch Reduced)

PART NUMBER	SIZE	CONNECTION
UGCF30A252520	25mm x 25mm x 20mm	Compression x Compression x Compression
UGCF30A323225	32mm x 32mm x 25mm	Compression x Compression x Compression



NEW

Female Threaded Branch Tee

PART NUMBER	SIZE	CONNECTION
UGCF58F202012BSP	20mm x 20mm x 1/2"	Compression x Compression x Female BSP Thread
UGCF58F202034BSP	20mm x 20mm x 3/4"	Compression x Compression x Female BSP Thread
UGCF58F252512BSP	25mm x 25mm x 1/2"	Compression x Compression x Female BSP Thread
UGCF58F252534BSP	25mm x 25mm x 3/4"	Compression x Compression x Female BSP Thread
UGCF58F323234BSP	32mm x 32mm x 3/4"	Compression x Compression x Female BSP Thread
UGCF58F32321BSP	32mm x 32mm x 1"	Compression x Compression x Female BSP Thread



NEW

Stop End

PART NUMBER	SIZE	CONNECTION
UGCF4620	20mm	Compression
UGCF4625	25mm	Compression
UGCF4632	32mm	Compression

MDPE Compression

Adaptors



Male Thread Adaptor

PART NUMBER	SIZE	CONNECTION
UGCF45M2012BSP	20mm x 1/2"	Compression x Male BSP Thread
UGCF45M2034BSP	20mm x 3/4"	Compression x Male BSP Thread
UGCF45M2512BSP	25mm x 1/2"	Compression x Male BSP Thread
UGCF45M2534BSP	25mm x 3/4"	Compression x Male BSP Thread
UGCF45M251BSP	25mm x 1"	Compression x Male BSP Thread
UGCF45M3234BSP	32mm x 3/4"	Compression x Male BSP Thread
UGCF45M321BSP	32mm x 1"	Compression x Male BSP Thread
UGCF45M32114BSP	32mm x 1-1/4"	Compression x Male BSP Thread
UGCF45M32112BSP	32mm x 1-1/2"	Compression x Male BSP Thread



Female Thread Adaptor

PART NUMBER	SIZE	CONNECTION
UGCF45F2012BSP	20mm x 1/2"	Compression x Female BSP Thread
UGCF45F2034BSP	20mm x 3/4"	Compression x Female BSP Thread
UGCF45F2512BSP	25mm x 1/2"	Compression x Female BSP Thread
UGCF45F2534BSP	25mm x 3/4"	Compression x Female BSP Thread
UGCF45F251BSP	25mm x 1"	Compression x Female BSP Thread
UGCF45F3234BSP	32mm x 3/4"	Compression x Female BSP Thread
UGCF45F321BSP	32mm x 1"	Compression x Female BSP Thread
UGCF45F32114BSP	32mm x 1-1/4"	Compression x Female BSP Thread
UGCF45F32112BSP	32mm x 1-1/2"	Compression x Female BSP Thread



Male Threaded Elbow

PART NUMBER	SIZE	CONNECTION
UGCF75M2534BSP	25mm x 3/4"	Compression x Male BSP Thread
UGCF75M321BSP	32mm x 1"	Compression x Male BSP Thread



Female Threaded Elbow

PART NUMBER	SIZE	CONNECTION
UGCF75F2012BSP	20mm x 1/2"	Compression x Female BSP Thread
UGCF75F2034BSP	20mm x 3/4"	Compression x Female BSP Thread
UGCF75F2512BSP	25mm x 1/2"	Compression x Female BSP Thread
UGCF75F2534BSP	25mm x 3/4"	Compression x Female BSP Thread
UGCF75F251BSP	25mm x 1"	Compression x Female BSP Thread
UGCF75F321BSP	32mm x 1"	Compression x Female BSP Thread



Stop Tap

PART NUMBER	SIZE	CONNECTION
UGCF65STV20	20mm	Compression x Compression
UGCF65STV25	25mm	Compression x Compression
UGCF65STV32	32mm	Compression x Compression



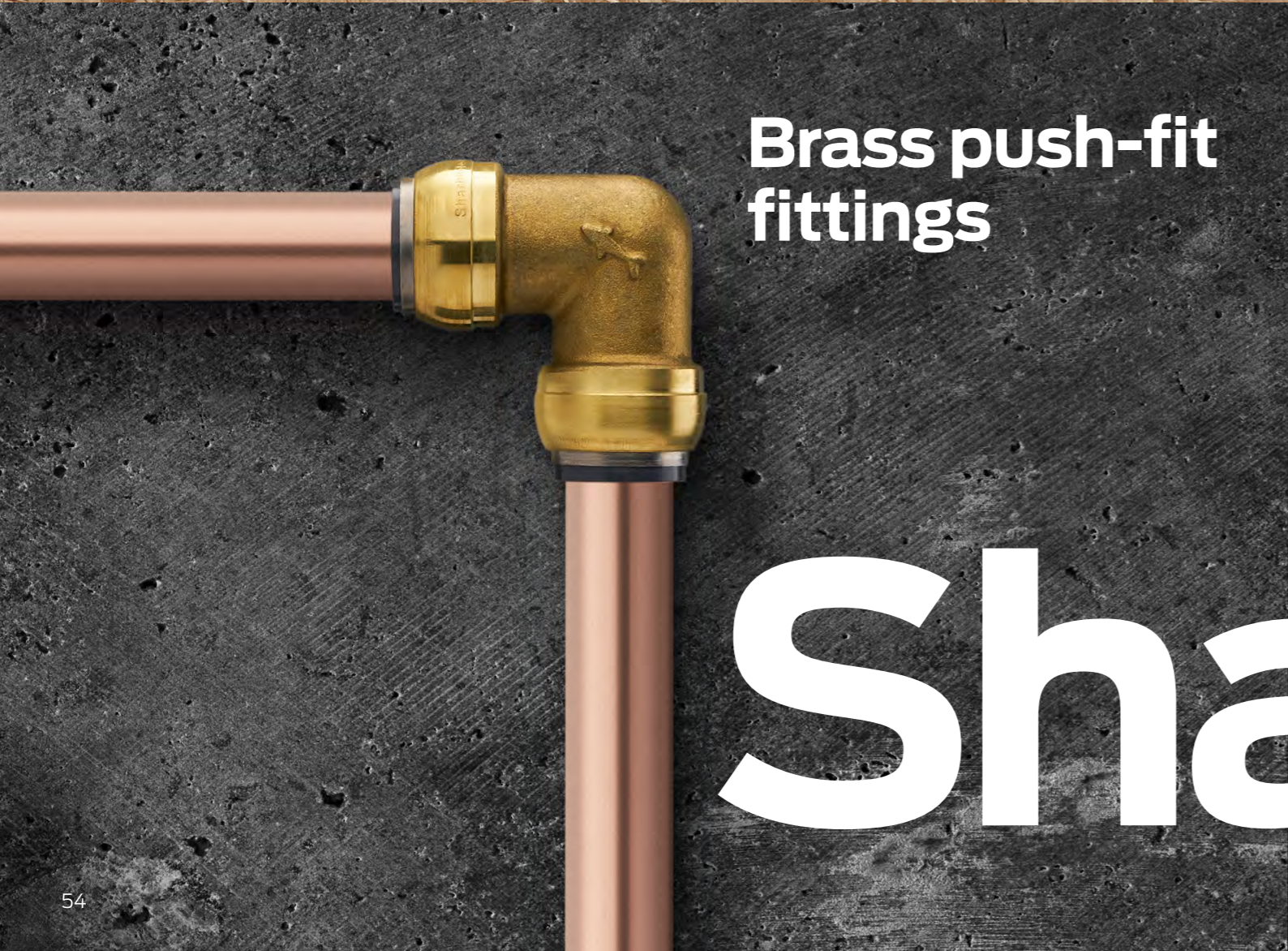
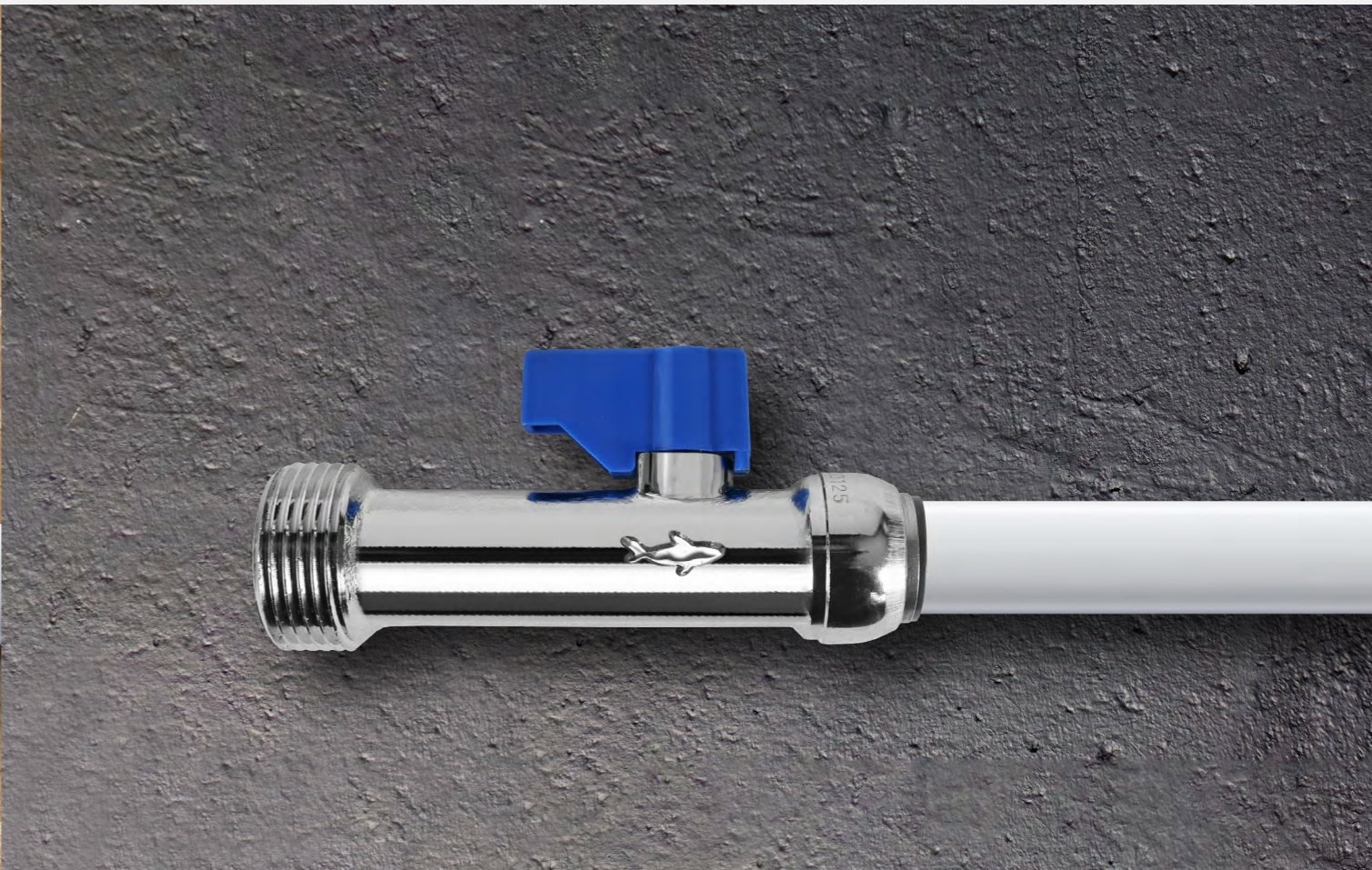
Cap Wrench Tool

PART NUMBER	SIZE
UGCF81416110	16mm to 110mm



Pipe Insert

PART NUMBER	SIZE	BAG QTY	BOX QTY
UTS147-DB	20mm	10	100
UTS197-DB	25mm	10	150
UTS251-DB	32mm	2	300



Brass push-fit fittings

SharkBite®

Brass push-fit fittings and valves. Engineered for fast, strong, durable connections.



SharkBite is a high-performance brass push-fit range engineered for rapid, tool-free connection. Heavy-duty DZR brass bodies, advanced sealing and strong mechanical pipe grip deliver secure joints that withstand high temperatures and pressures. This makes SharkBite ideal for repairs, retrofits and new installations where strength and speed matter.

Using a simple push action, SharkBite connects copper or plastic pipe without tools, soldering, crimping, clamps or glue, supporting fast, flame-free installation in tight or awkward spaces. It is also suitable for connecting copper pipe directly to boilers and for both behind-the-wall and front-of-wall visible pipework.

Backed by a 25-year guarantee*, SharkBite provides installers a robust solution for demanding domestic plumbing and heating applications.



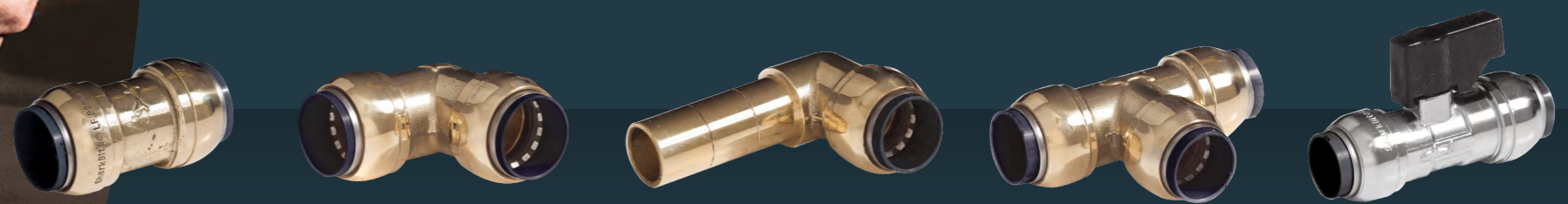
*Available on our core range of fittings. Details of products included can be found online.

Features

- Instant push-fit connection for rapid installation
- Stainless-steel grab ring for a strong mechanical pipe grip
- O-Ring sealing for a secure, leak-resistant connection
- Heavy-duty DZR brass for high-temperature and high-pressure performance (rated to 10 bar at 120°C)
- Electrically continuous joint to maintain earth bonding integrity
- Secure demounting tool for controlled, secure removal

Benefits

- Fast installation with a rapid, tool-free push-fit connection
- Safe, flame-free jointing with no soldering, crimping or glue required
- Strong, reliable performance under high temperatures and pressures
- Easy installation in tight or awkward spaces
- Suitable for visible and concealed pipework
- Suitable for connecting copper pipe to boilers
- Durable long-term performance for demanding applications



SharkBite®

SharkBite®

DZR Brass Fittings*



Coupling

PART NUMBER	SIZE MM	BAG QTY
SB0110	10	5
SB0115	15	10
SB0122	22	5
SB0128	28	5



Reducing Coupling

PART NUMBER	SIZE MM	BAG QTY
SB011510	15 x 10	5
SB012215	22 x 15	5
SB012822	28 x 22	1



Slip Coupling

PART NUMBER	SIZE MM	BAG QTY
SB0115S	15	10
SB0122S	22	5
SB0128S	28	5

Suitable for use with JG Speedfit pipe
* 15 to 28mm fittings connected to copper pipe are rated to 120°C at 10.0 bar.



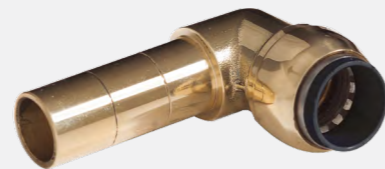
90° Elbow

PART NUMBER	SIZE MM	BAG QTY
SB0210	10	5
SB0215	15	10
SB0222	22	5
SB0228	28	5



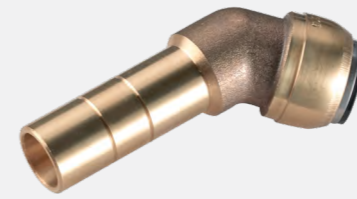
45° Elbow

PART NUMBER	SIZE MM	BAG QTY
SB0515	15	10
SB0522	22	5
SB0528	28	5



90° Street Elbow

PART NUMBER	SIZE MM	BAG QTY
SB0215ST	15	5
SB0222ST	22	5
SB0228ST	28	5



45° Street Elbow

PART NUMBER	SIZE MM	BAG QTY
SB0515ST	15	5
SB0522ST	22	5
SB0528ST	28	5



90° Male Elbow

PART NUMBER	SIZE MM	BAG QTY
SB121515M	15 x 1/2" BSP	5
SB122220M	22 x 3/4" BSP	5



90° Female Elbow

PART NUMBER	SIZE MM	BAG QTY
SB121515F	15 x 1/2" BSP	5



Wall Plate Elbow

PART NUMBER	SIZE MM	BAG QTY
SB121515FBP	15 x 1/2" BSP	5



Equal Tee

PART NUMBER	SIZE MM	BAG QTY
SB0310	10	5
SB0315	15	10
SB0322	22	5
SB0328	28	1

⚠ Insert Guidance

When connecting SharkBite Brass to Speedfit Pipe a standard Speedfit Insert (TSM) should be used. Speedfit Superseal Inserts (STS) should not be used.



PART NUMBER	SIZE	BAG QTY	SML BOX	LRG BOX
TSM10N	10	50	1000	20000
TSM15N	15	50	500	5000
TSM22N	22	25	250	2000
TSM28N	28	10	150	1000

SharkBite®

DZR Brass Fittings*



Slip Tee

PART NUMBER	SIZE MM	BAG QTY
SB0315S	15	1
SB0322S	22	1
SB0328S	28	1



Female Branch Tee

PART NUMBER	SIZE MM	BAG QTY
SB031515F	15x 15 x 1/2" BSP	10



Reduced Branch Tee

PART NUMBER	SIZE MM	BAG QTY
SB0322210	22 x 22 x 10	1
SB0322215	22 x 22 x 15	5
SB03282815	28 x 28 x 15	5
SB03282822	28 x 28 x 22	5



Reduced One End Tee

PART NUMBER	SIZE MM	BAG QTY
SB03221522	22 x 15 x 22	5



Reduced Branch and One End Tee

PART NUMBER	SIZE MM	BAG QTY
SB03221515	22 x 15 x 15	5



Female Connector

PART NUMBER	SIZE MM	BAG QTY
SB111515F	15 x 1/2" BSP	5
SB112220F	22 x 3/4" BSP	5
SB112825F	28 x 1" BSP	1



Male Tank Connector

PART NUMBER	SIZE MM	BAG QTY
SB111515MTC	15 x 1/2" BSP	1
SB112220MTC	22 x 3/4" BSP	1



Male Connector

PART NUMBER	SIZE MM	BAG QTY
BSPT Thread		
SB111515MT	15 x 1/2" BSPT	5
SB112220MT	22 x 3/4" BSPT	5
SB112825MT	28 x 1" BSPT	1
BSP Thread		
SB111515MP	15 x 1/2" BSP	5
SB112220MP	22 x 3/4" BSP	5



End Stop

PART NUMBER	SIZE MM	BAG QTY
SB0410	10	5
SB0415	15	10
SB0422	22	5
SB0428	28	5



Straight Reducing Tail

PART NUMBER	SIZE MM	BAG QTY
SB211510	15 x 10	5
SB212215	22 x 15	5
SB212815	28 x 15	5
SB212822	28 x 22	5



Tap Connector

PART NUMBER	SIZE MM	BAG QTY
SB141515	15 x 1/2" Loose nut	5
SB142220	22 x 3/4" Loose nut	5



90° Tap Connector Elbow

PART NUMBER	SIZE MM	BAG QTY
SB141515E	15 x 1/2" Loose Nut	5



Single Branch Manifold Tee

PART NUMBER	SIZE MM	BAG QTY
SB01221022ST	22 x 22 x 10	1



Double Branch Manifold Tee

PART NUMBER	SIZE MM	BAG QTY
SB0122101022ST	22 x 22 x 10 x 10	1

Suitable for use with JG Speedfit pipe
* 15 to 28mm fittings connected to copper pipe are rated to 120°C at 10.0 bar.

When connecting SharkBite Brass to Speedfit Pipe a standard Speedfit Insert (TSM) should be used. Speedfit Superseal Inserts (STI) should not be used. Suitable for use with JG Speedfit pipe.

Fitting Accessories



Combination Depth Marker & Disconnecting Clip

PART NUMBER	SIZE MM	BAG QTY
SB2910	10	1
SB2915	15	1
SB2922	22	1
SB2928	28	1
SB2910-28	Full Set	1



Disconnecting Tongs

PART NUMBER	SIZE MM	BAG QTY
SB3010	10	1
SB3015	15	1
SB3022	22	1
SB3028	28	1

DZR Brass Body Valves



Nickel Plated Quarter Turn Ball Valve

PART NUMBER	SIZE MM	BAG QTY
Red		
SB3515R	15	5
SB3522R	22	5
Blue		
SB3515B	15	5
SB3522B	22	5



Appliance Valve

PART NUMBER	SIZE MM	BAG QTY
SB2415	15	1



Washing Machine Valve

PART NUMBER	SIZE MM	BAG QTY
SB241520	15 x 3/4" BSP	1



Service Valve

PART NUMBER	SIZE MM	BAG QTY
SB1915	15	5
SB1922	22	5



Stop Cock

PART NUMBER	SIZE MM	BAG QTY
SB1715	15	1
SB1722	22	1



Drain Cock

PART NUMBER	SIZE MM	BAG QTY
SB1315	15	5



Double Check Valve

PART NUMBER	SIZE MM	BAG QTY
SB2615	15	1

Insert Guidance

When connecting SharkBite Brass to Speedfit Pipe a standard Speedfit Insert (TSM) should be used. Speedfit Superseal Inserts (STS) should not be used.



PART NUMBER	SIZE	BAG QTY	SML BOX	LRG BOX
TSM10N	10	50	1000	20000
TSM15N	15	50	500	5000
TSM22N	22	25	250	2000
TSM28N	28	10	150	1000

1/4 Turn Valves are indicated by this marker 
These valves have been designed to allow temporary servicing of downstream equipment and must only be used in the fully open or fully closed position.

- DO NOT use these valves:**
- In a partially open position to control flow.
 - To provide a permanent termination.
 - Without tubing assembled or plugged (or threaded connections sealed).
 - As a tap or "faucet".

SharkBite®

Thermostatic Mixing Valves



Heatguard® Style Thermostatic Mixing Valve

- Highly polished chrome finish
- Stylish, compact design that easily fits within front of wall supply outlets
- Includes check valves and strainers
- Complies with BS7942, NHS MES D08

PART NUMBER	DESCRIPTION	SIZE
SBHEAT135001	TMV with 15mm SharkBite	15mm



Ausimix® Compact Thermostatic Mixing Valve

- Rapid failsafe on either hot or cold supply failure
- Unique temperature adjustment tool incorporated into the cap
- Building Regulations Part G
- Flat faced union connections for ease of maintenance

PART NUMBER	DESCRIPTION	LPM	SIZE
SBHEAT110750-2	2-in-1 TMV with 15mm SharkBite	35 at 2.5 bar	15mm
SBHEAT110755-2	2-in-1 TMV with 22mm SharkBite	35 at 2.5 bar	22mm
SBHEAT110780-2	4-in-1 TMV with 15mm SharkBite	35 at 2.5 bar	15mm
SBHEAT110785-2	4-in-1 TMV with 22mm SharkBite	35 at 2.5 bar	22mm

Thermal Balancing Valves



Thermal Balancing Valve

- Easy temperature adjustment between 40 - 65°C with tamperproof cap
- Built-in disinfection function to protect against Legionella
- Supplied pre-insulated reducing installation time and cost
- Dry-fit thermometer - no need to drain the system down

PART NUMBER	DESCRIPTION	SIZE
SBTREG100060	TBV with 15mm SharkBite	15mm
SBTREG100065	TBV with 22mm SharkBite	22mm

Pressure Reducing Valves



314 Dial-Up Pressure Reducing Valve

- One piece, easy to replace cartridge contains all the working components
- Suitable for hot and cold water applications for installation flexibility
- Easy to read pressure indicator dial
- Integral strainer to protect the cartridge and the installation
- Can be installed in any orientation

PART NUMBER	DESCRIPTION	SIZE
For up to 25 bar and 70°C. Adjustable between 1.0 - 6.0 bar		
SBPRED314001	314 PRV with 15mm SharkBite	15mm
SBPRED314005	314 PRV with 22mm SharkBite	22mm



320 Easet Pressure Reducing Valve

- High flow rate design
- 'Lift and turn' mechanism for ease of pressure adjustment
- One piece Easet cartridge
- Fully serviceable strainer
- Can be installed in any orientation
- Drop tight valve, controls the pressure under both flow and no-flow conditions
- Single gauge port on the base of the valve

PART NUMBER	DESCRIPTION	SIZE
Cold - For up to 16 bar and 45°C. Adjustable between 1.5 - 6.0 bar		
SBPRED320001	320 Cold PRV with 15mm SharkBite	15mm
SBPRED320005	320 Cold PRV with 22mm SharkBite	22mm
Hot - For up to 16 bar and 80°C. Adjustable between 1.5 - 6.0 bar		
SBPRED320050	320 Hot PRV with 15mm SharkBite	15mm
SBPRED320055	320 Hot PRV with 22mm SharkBite	22mm

Combination Valves



Combination Thermal Balancing & Pressure Reducing Valve

- Single unit cartridge design ensures a quick and easy installation
- Reduces design complexity and avoids installation error
- Reduced leakage potential and easy maintenance, saving cost
- Supplied pre-insulated further reducing installation time and cost
- Easy temperature adjustment between 40 - 65°C with tamperproof cap
- Built-in disinfection function to protect against Legionella
- Dry-fit thermometer - no need to drain the system down
- High flow rate design
- 'Lift and turn' mechanism for ease of pressure adjustment
- One piece Easet cartridge with fully serviceable strainer

PART NUMBER	DESCRIPTION	SIZE
SBTREG200001	TBV & PRV with 15mm SharkBite	15mm
SBTREG200002	TBV & PRV with 22mm SharkBite	22mm

When connecting SharkBite Brass to Speedfit Pipe a standard Speedfit Insert (TSM) should be used. Speedfit Superseal Inserts (STSI) should not be used. Suitable for use with JG Speedfit pipe.



Water control solutions

Reliance

Water control solutions and heating components. Engineered to enable safe, efficient system performance.



Reliance provides a comprehensive range of water control valves for potable and non-potable systems, alongside heating components for sealed heating systems. Specialising in thermostatic mixing valves, pressure-reducing valves, backflow-prevention devices and expansion control products. The range supports accurate, efficient regulation of temperature, pressure and flow across residential and commercial buildings.

Specialist valves deliver space, time and water-saving benefits across hot and cold water applications. Within the wider Reliance range, durable construction and robust internal components support long-term reliable operation, while selected models allow straightforward servicing when required.

With compression, BSP thread, union and push-fit end connections available across different models, Reliance integrates easily into new or existing pipework.

Features

- Trusted water control and safety valve technology
- A wide range of control, safety and flow-management valves for potable and non-potable water systems
- Heating components available for sealed heating systems
- End-connection options including compression, BSP thread, union and push-fit (varies by model)

Benefits

- Stable, efficient control of temperature, pressure and flow
- Protects and safeguards hot and cold water and heating systems
- Valves that help prevent scalding, over-pressure and cross-contamination
- Space, time and water-saving specialist valves
- Supports compliant, long-term system performance



Reliance

Reliance

TMV Application Guide

The TMV application guide will assist in selecting the right TMV for your project needs.

APPLICATION	USE	THERMOSTATIC MIXING VALVES						TEMPERING VALVES			
		Heatguard TMV3-8	Heatguard Dual	Heatguard Style	Ausimix	Easifit	Euromixer	MasterGuard	Heatguard	Heatguard UFH	
DOMESTIC DWELLING	Part P	Single outlet – basin				■	■				
		Single outlet – bath				■	■				
		Multiple outlet	■	■		■	■				
PUBLIC/ COMMERCIAL	TMV2	Single outlet – basin		■	■	■	■				
		Single outlet – bath		■		■					
		Multiple outlet		■		■		■			
HEALTHCARE	TMV3	Low Pressure Economy Shower (LP-Se)		■			■				
		Low Pressure Shower (LP-S)	■		■						
		Low Pressure Economy Washbasin (LP-We)		■							
		Low Pressure Washbasin (LP-W)	■		■						
		Low Pressure Economy Bidet (LP-Be)		■			■				
		Low Pressure Bidet (LP-B)	■								
		High Pressure Shower (HP-S)	■	■	■		■				
		High Pressure Washbasin (HP-W)	■	■			■				
		High Pressure Bidet (HP-B)	■	■			■				
		High Pressure Bath (44°C) (HP-T44)	■	■*			■*				
High Pressure Bath (46°C) (HP-T46)	■	■*			■*						
BREEAM CREDIT RATING	5	Controlled Outlet flow below 3 l/m			■	■		N/A	N/A	N/A	
	4	Controlled Outlet flow below 3.75 l/m			■	■		N/A	N/A	N/A	
	3	Controlled Outlet flow below 4.5 l/m	■	■	■	■	■	N/A	N/A	N/A	
CENTRALISED MIXED TEMPERATURE – SINGLE DWELLING											
CENTRALISED MIXED TEMPERATURE – MULTIPLE OCCUPANCY BUILDING											
UNDERFLOOR HEATING FLOW TEMPERATURE CONTROL											
SIZES AND CONNECTIONS	2-in-1	15mm	Compression	■	■		■	■			
		15mm	Push-fit				■	■			
		22mm	Compression	■	■		■	■			
		22mm	Push-fit				■	■			
	4-in-1	15mm	Compression	■	■		■	■			
		15mm	Push-fit				■				
		22mm	Compression	■	■		■	■			
		22mm	Push-fit				■				
		1"	Female BSP					■	■		
		1 1/4"	Female BSP					■	■		
		1 1/2"	Female BSP					■	■		
	2"	Female BSP					■	■			
	Direct	15mm	Compression		■						
		15mm	Push-fit		■		■				
22mm		Compression						■			
28mm		Compression							■		

* 22mm

Thermostatic Mixing Valves



Heatguard® TMV3-8

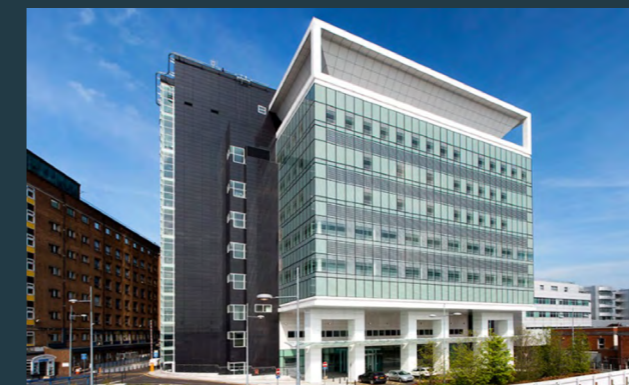
- Large body allows for a reliable, stable blended temperature, and higher flowrate.
- Tamperproof cap to stop unauthorised tampering
- Works in larger areas up to 10:1 pressure differential, rather than industry standard 5:1
- Viton seals, not EPDM, to significantly improve performance at higher temperatures
- Flat faced union connections on all ports – for fast maintenance

PART NUMBER	MODEL	LPM	SIZE
HEAT160015	2-in-1 union	37 at 2.5 bar	15mm
HEAT160020	2-in-1 union	37 at 2.5 bar	22mm
HEAT160030	4-in-1 union	37 at 2.5 bar	15mm
HEAT160035	4-in-1 union	37 at 2.5 bar	22mm
HEAT160001	Base valve	37 at 2.5 bar	1"

PROJECT SPOTLIGHT

Royal Victoria Hospital, Kent

Products used:
Heatguard Thermostatic Mixing Valves



Heatguard® Dual

- Approved for Healthcare (TMV3) and Public Sector (TMV2)
- Temperature adjustment key in the valve cap for easier maintenance
- Large outlet port to allow for faster response in shutdown mode (cold/hot water supply termination protection)
- Works in larger areas up to 10:1 pressure differential, rather than industry standard 5:1
- Viton seals, not EPDM, to significantly improve performance at higher temperatures

PART NUMBER	MODEL	LPM	SIZE
HEAT110614	2-in-1 union	35 at 2.5 bar	15mm
HEAT110624	2-in-1 union	35 at 2.5 bar	22mm
HEAT110616	4-in-1 union	35 at 2.5 bar	15mm
HEAT110625	4-in-1 union	35 at 2.5 bar	22mm



Heatguard® Style

- Highly polished chrome finish
- Stylish, compact design that easily fits within front of wall supply outlets
- Includes check valves and strainers
- Complies with BS7942, NHS MES D08

PART NUMBER	MODEL	SIZE
HEAT135001	Union	15mm

Reliance

Thermostatic Mixing Valves



Ausimix® Compact

- Approved for and Public Sector (TMV2)
- Temperature adjustment key in the valve cap for easier maintenance
- Works in larger areas up to 10:1 pressure differential, rather than industry standard 5:1
- Viton seals, not EPDM, to significantly improve performance at higher temperatures
- Easy to install in 2 tap applications – potable adaptor can be fitted to run from the 4-in-1 fitting up to a cold tap

PART NUMBER	MODEL	LPM	SIZE
HEAT110751-2	2-in-1 telescopic	35 at 2.5 bar	15mm
HEAT110750-2	2-in-1 union	35 at 2.5 bar	15mm
HEAT110755-2	2-in-1 union	35 at 2.5 bar	22mm
SBHEAT110750-2	2-in-1 with SharkBite	35 at 2.5 bar	15mm
SBHEAT110755-2	2-in-1 with SharkBite	35 at 2.5 bar	22mm
HEAT110780-2	4-in-1 union	35 at 2.5 bar	15mm
HEAT110785-2	4-in-1 union	35 at 2.5 bar	22mm
SBHEAT110780-2	4-in-1 with SharkBite	35 at 2.5 bar	15mm
SBHEAT110785-2	4-in-1 with SharkBite	35 at 2.5 bar	22mm



Easifit®

- Suitable for BREEAM projects as it operates as low as 1lpm (15mm) and 4lpm (22mm)
- Works in larger areas up to 10:1 pressure differential, rather than industry standard 5:1
- Viton seals, not EPDM, to significantly improve performance at higher temperatures
- Available with flat faced union on hot and cold connections or JG Speedfit push-fit for fast and simple installation and maintenance

PART NUMBER	MODEL	SIZE
HEAT112010	2-in-1 union	15mm
HEAT112015	2-in-1 union	22mm
HEAT1155010	Insert with JG Speedfit connections	15mm
HEAT112050	4-in-1 union	15mm
HEAT112055	4-in-1 union	22mm

Group Mixing Valves



Euromixer®

- Adjustable or lockable temperature control gives complete flexibility to the installer
- High flow rates suitable for feeding 1 – 10 showers or taps
- 1" x 1" or 1" x 1 1/4" Female BSP connections to suit all types of pipework
- 4-in-1 services fittings provided isolation, filtration, cross-flow prevention and a gauge port for testing in a single compact unit

PART NUMBER	MODEL	LPM	SIZE
HEAT630100	630	120 at 2.5 bar	1" FBSP
HEAT640100	640	150 at 2.5 bar	1 1/4" FBSP

Tempering Valves



Masterguard®

- Integrated fixing point allows easy wall or floor fixing
- Designed for very high flow rates, with extremely stable outlet temperature
- Adjustable set temperature mechanism with locking feature, allows installer flexibility
- Minimal moving parts and simple construction reduce maintenance service interval
- 4-in-1 installation fitting provides easy orientation of valve to match inlet pipes, and includes cross-flow prevention, isolation and filtration

PART NUMBER	MODEL	LPM	SIZE
MIX83004	830	120 at 2.5 bar	1" FBSP
MIX84004	840	170 at 2.5 bar	1 1/4" FBSP
MIX85004	850	260 at 2.5 bar	1 1/2" FBSP
MIX86004	860	360 at 2.5 bar	2" FBSP



Heatguard®

- Pre-set and locked at 55°C
- 22mm direct compression connections
- Tamperproof cap
- Easy and quick to install
- Provides stable mixed water temperature
- Complete with 22mm direct compression connections

PART NUMBER	SIZE
HEAT110505	22mm



Heatguard® UFH

- High flow rates – suitable for systems up to 250sqm
- Quick reaction to supply temperature changes, keeps system temperatures stable
- User adjustable between 35 – 60°C to be suitable for all types of floor
- Compression type connections for ease of installation

PART NUMBER	MODEL	SIZE
HEAT219058	Blending Valve	22mm
HEAT115002	Blending Valve	28mm

Reliance

Balancing & Blending Valves



Thermal Balancing Valve

- Easy temperature adjustment between 40 - 65°C with tamperproof cap
- Built-in disinfection function to protect against Legionella
- Supplied pre-insulated reducing installation time and cost
- Dry-fit thermometer – no need to drain the system down

PART NUMBER	MODEL	SIZE
TREG100060	With gauge	1/2" FBSP
TREG100065	With gauge	3/4" FBSP
SBTREG100060	Gauge with SharkBite	15mm
SBTREG100065	Gauge with SharkBite	22mm

PROJECT SPOTLIGHT

Caversham Care Home, Berkshire

Products used:
Thermal Balancing Valves

[Read our full case study >](#)



Service Kits & Spares

Service Kit

PART NUMBER	DESCRIPTION	SIZE
SKIT980021	Service kit for 22mm UFH	22mm
SKIT219053	Heatguard TMV3-8 and BF2-2 2-in-1 adaptor service kit	
SKIT300020	Heatguard TMV3-8 and BF2-2 4-in-1 adaptor service kit	
SKIT170015	Heatguard TMV3-8 full internal service kit	
SKIT110600	Heatguard Dual full internal service kit	15/22mm
SKIT110605	Heatguard Dual and Ausimix seal service kit	15/22mm
SKIT110615	Heatguard Dual 4-in-1 service kit	15/22mm
SKIT110700	Ausimix full internal service kit	
SKIT110710	Ausimix 2-in-1 service kit	22mm
SKIT110715	Ausimix 4-in-1 service kit	15mm
SKIT110720	Ausimix 4-in-1 service kit	22mm
SKIT115001	Heatguard BF2-2 TMV full internal service kit	
SKIT300020	Heatguard BF2-2 4-in-1 adaptor service kit	
SKIT630001	Euromixer 630 & 640 full internal service kit	
SKIT430001	Heatguard Planar full internal service kit for 430/530	
SKIT100060	Thermal Balancing Valve service kit	

Insulation Case

PART NUMBER	DESCRIPTION	SIZE
INSU100060	Insulation case for Thermal Balancing Valve	1/2"
INSU100065	Insulation case for Thermal Balancing Valve	3/4"

Temperature Gauge

PART NUMBER	DESCRIPTION
GAGE100060	Spare temperature gauge

Brass Adaptor

PART NUMBER	DESCRIPTION	SIZE
ZADP110780	Compression brass adaptor	1/4" MBSP X 15mm

Key

PART NUMBER	DESCRIPTION
ZKEY110001	Heatguard TMV3-8 temperature adjusting key

Cap

PART NUMBER	DESCRIPTION	SIZE
ZCAP160001	Heatguard TMV3-8 replacement cap	
ZCAP110600	Heatguard Dual replacement cap	15/22mm
ZCAP110700	Ausimix replacement cap	

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PRV Application Guide

The table below will assist in selecting the right PRV for your project needs.

APPLICATION	USE	PRODUCT					
		Predator	312 Compact	314 Dial-Up	320 Easifit	315i Commercial	6247 Commercial
DOMESTIC DWELLING	Primary Mains		■				
	Unvented Cylinder Control		■				
	Single fixture or appliance	■	■				
PUBLIC/COMMERCIAL	Primary mains/riser					■	■
	Floor control					■	■
	Single fixture or appliance				■		
	Low flow bypass adjacent to primary mains/riser			■	■	■	
FEATURES	Complete with gauge	■					
	Tapping to suit back entry gauge		■	■			
	Tapping to suit top entry gauge				■	■	■
	Set pressure indicator			■		■	
	In-built strainer to protect moving parts	■	■	■	■	■	■
	Lift and Turn' adjustment mechanism				■		
	Replaceable cartridge system		■	■	■	■	■
	Adjustable set pressure 1.5 to 6.0 bar		■			■	■
	Adjustable set pressure 5 to 10 bar					■	
	Adjustable set pressure 1.0 to 6.0 bar	■		■	■	■	■
	Pressure reduction ratio 10:1		■	■	■	■	■
	Pressure reduction ratio 5:1	■					
	Maximum operating pressure 16 bar	■	■		■		
	Maximum operating pressure 25 bar			■		■	■
	DZR Brass body	■	■	■	■	■	
	Bronze body						■
	SIZES AND CONNECTIONS	15mm	■	■		■	
22mm		■	■		■		
28mm						■	
15mm			■	■	■		
22mm			■	■	■		
1/2"			■	■	■		
3/4"			■	■	■		
1/2"			■	■	■	■	
3/4"			■	■	■	■	
1"						■	
1 ¼"						■	
1 ½"						■	
2"						■	
15mm						■	
22mm						■	
28mm						■	
65mm							■
80mm							■
100mm							■

Pressure Reducing Valves



Predator®

- Drop-tight valve - controls the pressure under both flow and no-flow conditions
- Integral strainer protects the seat of the valve and is fully serviceable
- Can be installed in any orientation providing the ultimate installation flexibility
- Suitable for hot or cold applications

PART NUMBER	DESCRIPTION	SIZE
For use at temperatures up to 80°C. Adjustable between 1.0 - 6.0 bar		
PRED800015	With gauge	15mm comp
PRED800020	With gauge	22mm comp



312 Compact

- Drop tight valve – controls the pressure under flow and no-flow conditions
- One piece, easy to replace cartridge contains all working parts
- Integral strainer to protect the seat of the valve and is fully serviceable
- Installation flexibility – can be installed in any orientation
- Gauge ports located on either side of the base of the valve

PART NUMBER	DESCRIPTION	SIZE
Cold – For up to 16 bar and 45°C. Adjustable between 1.5 – 6.0 bar		
PRED312020		1/2" FBSP
PRED312025		3/4" FBSP
PRED312001		1/2" MBSP union
PRED312005		3/4" MBSP union
PRED312010		15mm comp
PRED312015		22mm comp
PRED312061	With gauge	15mm comp
PRED312066	With gauge	22mm comp
PRED312100	312 Compact PRV with JG Speedfit connections	15mm push-fit
PRED312110	312 Compact PRV with JG Speedfit connections	22mm push-fit
Hot – For up to 16 bar and 80°C. Adjustable between 1.5 – 6.0 bar		
PRED312070		1/2" FBSP
PRED312071	With gauge	1/2" FBSP
PRED312075		3/4" FBSP
PRED312076	With gauge	3/4" FBSP
PRED312050		1/2" MBSP union
PRED312055		3/4" MBSP union
PRED312060		15mm comp
PRED312065		22mm comp

Reliance

Pressure Reducing Valves



314 Dial-Up

- One piece, easy to replace cartridge contains all the working components
- Suitable for hot and cold water applications for installation flexibility
- Integral strainer to protect the cartridge and the installation
- Easy to read pressure indicator dial
- MBSP connection complete with union fitting for ease of servicing
- Drop Tight Design
- Comes with 1/4" Test Port Connection

PART NUMBER	DESCRIPTION	SIZE
For up to 25 bar and 70°C. Adjustable between 1.0 - 6.0 bar		
PRED314001		1/2" FBSP
PRED314005		3/4" FBSP
PRED314010		1/2" MBSP
PRED314015		3/4" MBSP
SBPRED314001	With SharkBite	15mm
SBPRED314005	With SharkBite	22mm



320 Easetet

- High flow rate design
- 'Lift and turn' mechanism for ease of pressure adjustment
- One piece Easetet cartridge
- Fully serviceable strainer
- Can be installed in any orientation
- Drop tight valve, controls the pressure under both flow and no-flow conditions
- Single gauge port on the base of the valve
- Available with SharkBite® Metal Push-fit connections for even quicker installation

PART NUMBER	DESCRIPTION	SIZE
Cold – For up to 16 bar and 45°C. Adjustable between 1.5 – 6.0 bar		
PRED320001		1/2" FBSP
PRED320005		3/4" FBSP
PRED320003		1/2" MBSP
PRED320011		3/4" MBSP
PRED320010		15mm Compression
PRED320015		22mm Compression
SBPRED320001	With SharkBite	15mm
SBPRED320005	With SharkBite	22mm
Hot – For up to 16 bar and 80°C. Adjustable between 1.5 - 6.0 bar		
PRED320050		1/2" FBSP
PRED320055		3/4" FBSP
PRED320051		1/2" MBSP
PRED320056		3/4" MBSP
PRED320060		15mm Compression
PRED320065		22mm Compression
SBPRED320050	With SharkBite	15mm
SBPRED320055	With SharkBite	22mm



315i Commercial

- Easy to read pressure indicator
- Robust design
- Fully serviceable
- Suitable for hot and cold supplies
- Can be installed in any orientation

PART NUMBER	SIZE
For up to 25 bar and 70°C. Adjustable between 1.5 - 6.0 bar	
PRED315010	1/2" MBSP
PRED315020	3/4" MBSP
PRED315030	1" MBSP
PRED315040	1 1/4" MBSP
PRED315050	1 1/2" MBSP
PRED315060	2" MBSP
PRED315070	15mm capillary
PRED315080	22mm capillary
PRED315090	28mm capillary
PRED315100	28mm Compression - 3.5 Bar Locked
PRED315110	28mm comp
For up to 25 bar and 70°C. Adjustable between 5.0 - 10.0 bar	
PRED315120	1 1/4" MBSP
PRED315125	1 1/2" MBSP
PRED315130	2" MBSP



6247 Commercial/Industrial

- Manufactured in corrosion resistant bronze
- Accurate pressure control, adjustable between 1.5-6.0 bar
- Robust design
- All working components contained in a single cartridge
- Test point on base of valve
- Can be installed in any orientation

PART NUMBER	DESCRIPTION	SIZE
PRED624001	For up to 16 bar and 60°C. Adjustable between 1.5 - 6.0 bar	DN 65
PRED624002	For up to 16 bar and 60°C. Adjustable between 1.5 - 6.0 bar	DN 80
PRED624003	For up to 16 bar and 60°C. Adjustable between 1.5 - 6.0 bar	DN 100
BVAL624001	Mini test point pall valve for 6247 PRV	1/4" MBSP

PROJECT SPOTLIGHT

Gascoigne Estate, Barking

Products used:
Commercial 315i Pressure Reducing Valves,
MultiSafe Leak Detection and
Tenant Valves

[Read our full case study >](#)



Reliance

Gauges & Cartridges



Replacement One Piece Cartridge

- Spares for pressure reducing valves with one piece cartridges and threaded connection cartridge
- Care must be taken in selecting the correct cartridge

PART NUMBER	DESCRIPTION	SIZE
REDC312010	For 312 Compact PRV (cold)	
REDC312015	For 312 Compact PRV (hot)	
REDC320001	For 320 Easiset PRV (cold)	1/2" and 3/4", 15mm & 22mm
REDC320002	For 320 Series & TVA for use up to 80°C	1/2" and 3/4"
REDC624001	For 6247 for use up to 60°C	DN65, DN80, DN100
REDC315010	For 315i for use up to 70°C	1/2" and 3/4"
REDC315020	For 315i for use up to 70°C	1"
REDC315030	For 315i for use up to 70°C	1 1/4", 1 1/2" and 2"
REDC315100	5-10 bar cartridge for 315i	1 1/4", 1 1/2" and 2"



Pressure Gauge

- Wide selection to suit all applications
- Dials show both BAR and PSI scales

PART NUMBER	DESCRIPTION	SIZE
GAGE250017	40mm Dial 0 - 10 bar	1/4" MBSP back inlet
GAGE250007	50mm Dial 0 - 4 bar	1/4" MBSP back inlet
GAGE250001	50mm Dial 0 - 6 bar	1/4" MBSP back inlet
GAGE250004	50mm Dial 0 - 10 bar	1/4" MBSP cent. back inlet
GAGE250006	50mm Dial 0 - 16 bar	1/4" MBSP back inlet
GAGE250016	50mm Dial 0 - 6 bar for use with Easiset 320 PRVs	1/4" MBSP top inlet
GAGE250002	63mm Dial 0 - 6 bar	1/4" MBSP back inlet
GAGE250005	63mm Dial 0 - 10 bar	1/4" MBSP back inlet
GAGE250008	63mm Dial 0 - 6 bar	1/4" MBSP bottom inlet
GAGE250009	63mm Dial 0 - 10 bar	1/4" MBSP bottom inlet

Dynamic Balancing Valves



DZR Brass Pressure Independent Control Valve

- DZR brass for increased strength and durability, suitable for installations in corrosive environments
- Can be used with actuator as a full pressure independent control valve or without actuation as a constant flow regulator
- Full stroke modulation independent from the presetting
- Flow range between 0.008 l/s and 1.0 l/s

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
PICV100001	Without Test Points - Low Flow	DN15	M x M for Unions
PICV100002	Without Test Points	DN15	M x M for Unions
PICV100003	Without Test Points	DN20	M x M for Unions
PICV100004	Without Test Points	DN25	M x M for Unions
PICV100005	Without Test Points	DN32	M x M for Unions
PICV100006	With Test Points - Low Flow	DN15	M x M for Unions
PICV100007	With Test Points	DN15	M x M for Unions
PICV100008	With Test Points	DN20	M x M for Unions
PICV100009	With Test Points	DN25	M x M for Unions
PICV100010	With Test Points	DN32	M x M for Unions
PICV100011	With Test Points - Low Flow	DN15	FBSP
PICV100012	With Test Points	DN15	FBSP
PICV100013	With Test Points	DN20	FBSP
PICV100014	With Test Points	DN25	FBSP
TAIL400001	Union Nuts and tails for DN15 PICV	1/2"	Union x MBSP
TAIL400002	Union Nuts and tails for DN20 PICV	3/4"	Union x MBSP
TAIL400003	Union Nuts and tails for DN25 PICV	1"	Union x MBSP
TAIL400004	Union Nuts and tails for DN32 PICV	1 1/4"	Union x MBSP



Actuator for DZR Brass Pressure Independent Control Valve

- Compact design for installation in smaller spaces
- Suitable for heating and chilled water applications
- Auto stroke protection
- LED status lights are provided on the actuator for ease of use

PART NUMBER	DESCRIPTION	CONNECTION
PACT100001	24 Volt Proportional Actuator (0 - 10 V)	M30 x 1.5 Thread
PACT100002	24 Volt Modulating Actuator (3 Point)	M30 x 1.5 Thread



Actuator for Cast Iron Pressure Independent Control Valve (Fig PACT400)

- For use with Reliance Valves PICV402 range only

PART NUMBER	DESCRIPTION	SIZE
PACT400001	S/S Actuator to suit PICV DN65-DN80	DN65-DN80
PACT400002	S/S Actuator to suit PICV DN100-DN125	DN100-DN125
PACT400003	S/S Actuator to suit PICV DN150 DFQ-S5000X	DN150 DFQ-S5000X



Cast Iron Pressure Independent Control Valve (Fig PICV402)

- Accurate and stable control of the flow rate of water determined by the operating spindle position independent of the circuit pressure changes
- Flow accuracy +5% of max flow or +10% of set flow, whichever is greater
- Maximum operating differential pressure of
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)
- Robust cast iron body for trouble free service life
- Simple installation with PN16 Flanges

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
PICV402201	Press Independent Cont Valve PN16 - DN65	PN16 - DN65	To suit PN10 and PN16 flanges only
PICV402202	Press Independent Cont Valve PN16 - DN80	PN16 - DN80	To suit PN10 and PN16 flanges only
PICV402203	Press Independent Cont Valve PN16 - DN100	PN16 - DN100	To suit PN10 and PN16 flanges only
PICV402204	Press Independent Cont Valve PN16 - DN125	PN16 - DN125	To suit PN10 and PN16 flanges only
PICV402205	Press Independent Cont Valve PN16 - DN150	PN16 - DN150	To suit PN10 and PN16 flanges only

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Dynamic Balancing Valves



Brass Differential Pressure Control Valve

- Precise and accurate control of the circuit differential pressures
- The differential pressure control valve range is either 5 – 30 kPa or 30 – 70 kPa depending upon the model
- Supplied complete with a capillary sensing tube and a test point adapter
- Fitted with test points for easy differential pressure measurement

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
DPCV100001	LP Control range (5 - 30 kPa)	DN15	FBSP
DPCV100002	LP Control range (5 - 30 kPa)	DN20	FBSP
DPCV100003	LP Control range (5 - 30 kPa)	DN25	FBSP
DPCV100004	LP Control range (5 - 30 kPa)	DN32	FBSP
DPCV100005	LP Control range (5 - 30 kPa)	DN40	FBSP
DPCV100006	LP Control range (5 - 30 kPa)	DN50	FBSP
DPCV100007	HP Control range (30 - 70 kPa)	DN15	FBSP
DPCV100008	HP Control range (30 - 70 kPa)	DN20	FBSP
DPCV100009	HP Control range (30 - 70 kPa)	DN25	FBSP
DPCV100010	HP Control range (30 - 70 kPa)	DN32	FBSP
DPCV100011	HP Control range (30 - 70 kPa)	DN40	FBSP
DPCV100012	HP Control range (30 - 70 kPa)	DN50	FBSP

Manual Balancing Valves



DZR Brass Fixed Orifice Double Regulating Valve

- DZR brass for increased strength and durability, suitable for installations in corrosive environments
- Integral venturi orifice for greater accuracy +/- 3%
- Memory stop function
- Flow range between 0.008 l/s and 3.2 l/s

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
DBRV100001	Xtra Low Flow	DN15	FBSP
DBRV100002	Ultra Low Flow	DN15	FBSP
DBRV100003	Low Flow	DN15	FBSP
DBRV100004	Standard Flow	DN15	FBSP
DBRV100005	Standard Flow	DN20	FBSP
DBRV100006	Standard Flow	DN25	FBSP
DBRV100007	Standard Flow	DN32	FBSP
DBRV100008	Standard Flow	DN40	FBSP
DBRV100009	Standard Flow	DN50	FBSP



Bronze Fixed Orifice Double Regulating Valve

- Strong and durable bronze body suitable for installations in corrosive environments
- Integral venturi orifice for greater accuracy +/- 3%
- Flow range between 0.011 l/s and 3.2 l/s

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
DBRV100010	Ultra Low Flow	DN15	FBSP
DBRV100011	Low Flow	DN15	FBSP
DBRV100012	Standard Flow	DN15	FBSP
DBRV100013	Standard Flow	DN20	FBSP
DBRV100014	Standard Flow	DN25	FBSP
DBRV100015	Standard Flow	DN32	FBSP
DBRV100016	Standard Flow	DN40	FBSP
DBRV100017	Standard Flow	DN50	FBSP



Ductile Iron Fixed Orifice Double Regulating Valve (Fig 602)

- To suit PN10 and PN16 flanges only

PART NUMBER	DESCRIPTION	SIZE
DBFO602001	FODRV incl Meter Station PN16 - DN65	PN16 - DN65
DBFO602002	FODRV incl Meter Station PN16 - DN80	PN16 - DN80
DBFO602003	FODRV incl Meter Station PN16 - DN100	PN16 - DN100
DBFO602004	FODRV incl Meter Station PN16 - DN125	PN16 - DN125
DBFO602005	FODRV incl Meter Station PN16 - DN150	PN16 - DN150
DBFO602006	FODRV incl Meter Station PN16 - DN200	PN16 - DN200



DZR Brass Fixed Orifice Metering Station

- DZR brass for increased strength and durability, suitable for installations in corrosive environments
- Fitted with test points for easy differential pressure measurement
- Flow range between 0.008 l/s and 3.2 l/s

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
DBMS100001	Xtra Low Flow	DN15	M x F BSP
DBMS100002	Ultra Low Flow	DN15	M x F BSP
DBMS100003	Low Flow	DN15	M x F BSP
DBMS100004	Standard Flow	DN15	M x F BSP
DBMS100005	Standard Flow	DN20	M x F BSP
DBMS100006	Standard Flow	DN25	M x F BSP
DBMS100007	Standard Flow	DN32	M x F BSP
DBMS100008	Standard Flow	DN40	M x F BSP
DBMS100009	Standard Flow	DN50	M x F BSP



Stainless Steel Metering Station (Fig 603)

- To suit PN10 and PN16 flanges only

PART NUMBER	DESCRIPTION	SIZE
DBMS603001	Wafer Type Meter Station PN16 - DN65	PN16 - DN65
DBMS603002	Wafer Type Meter Station PN16 - DN80	PN16 - DN80
DBMS603003	Wafer Type Meter Station PN16 - DN100	PN16 - DN100
DBMS603004	Wafer Type Meter Station PN16 - DN125	PN16 - DN125
DBMS603005	Wafer Type Meter Station PN16 - DN150	PN16 - DN150
DBMS603006	Wafer Type Meter Station PN16 - DN200	PN16 - DN200

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Ball Valve Application Guide

The ball valve application guide will assist in selecting the right ball valve for your project needs.

PRODUCT CODE	Material	Connection	Handle type	Body finish	Size range	Pressure rating	Anti-seize	WRAS approved	Cold water	Hot water	CHW	Central heating	Lockable handle	Stem extension available
BVAL101030	DZR Brass	FBSP	Lever	Unplated	DN15-50	PN32		■	■	■	■	■		■
BVAL101040	DZR Brass	FBSP	Butterfly	Unplated	DN15-32	PN32		■	■	■	■	■		■
BVAL101044	DZR Brass	FBSP	Extended lever	Unplated	DN15-50	PN32		■	■	■	■	■		
BVAL105001	DZR Brass	FBSP	Lever	Unplated	DN15-50	PN32	■	■	■	■	■	■		■
BVAL105020	DZR Brass	FBSP	Butterfly	Unplated	DN15-32	PN32	■	■	■	■	■	■		■
BVAL105030	DZR Brass	FBSP	Lockshield	Unplated	DN15-50	PN25	■	■	■	■	■	■		
BVAL101001	DZR Brass	Compression	Lever	Unplated	15-54mm	PN25		■	■	■	■	■		
BVAL101020	DZR Brass	Compression	Butterfly	Unplated	15-28mm	PN40		■	■	■	■	■		
BVAL103001	Bronze	FBSP	Lever	Unplated	DN15-50	PN25		■	■	■	■	■		■
BVAL103020	Bronze	FBSP	Butterfly	Unplated	DN15-25	PN40		■	■	■	■	■		■
BVAL106001	Bronze	FBSP	Lever	Unplated	DN15-50	PN40	■	■	■	■	■	■		■
BVAL106020	Bronze	FBSP	Butterfly	Unplated	DN15-25	PN40	■	■	■	■	■	■		■
BVAL106030	Bronze	FBSP	Lockable	Unplated	DN15-50	PN40	■	■	■	■	■	■	■	■
BVAL103030	Bronze	FBSP	Lockshield	Unplated	DN15-50	PN40	■	■	■	■	■	■		
BVAL400000	Brass	FBSP	Lever	Nickel plated	DN15-50	PN25		■	■	■		■		
BVAL400060	Brass	Compression	Lever	Nickel plated	15-54mm	PN25		■	■	■		■		

Isolation Ball Valves



Service Ball Valve

- Compact, high quality valve gives durability and secure isolation
- Available in nickel or brass finish
- Chrome plated brass ball, encapsulated between two high grade NBR seals, gives smooth operation and reliability
- Compression connections for ease of installation
- Not suitable for chilled water applications
- 16.0 bar maximum working pressure

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
BVAL201001	Brass	10 bar	15mm
BVAL201002	Nickel finish	10 bar	15mm
BVAL201003	Brass	10 bar	22mm
BVAL201004	Nickel finish	10 bar	22mm
BVAL201200	Nickel finish	16 bar	15mm



Stem Extension for DZR Brass Ball Valve

- Accessory to extend the stem length of our range of DZR brass ball valves
- For use on Chilled Water and Cold Water to allow the lever to be placed outside of the pipe insulation.
- Nickel Plated brass sleeve and DZR brass stem for long service life

PART NUMBER	DESCRIPTION
BEXT101097	Stem extension for DN15 and DN20
BEXT101098	Stem extension for DN25 and DN32
BEXT101099	Stem extension for DN40 and DN50



DZR Brass Ball Valves

- DZR brass ball valve for increased strength and durability, suitable for installations in corrosive environments
- Full Bore for reduced resistance to flow
- Available as lever operated, extended lever and butterfly handle versions
- Self colour DZR brass body to limit nickel leaching and minimise water contamination

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
BVAL101001	Lever Operated	15mm	Compression
BVAL101002	Lever Operated	22mm	Compression
BVAL101003	Lever Operated	28mm	Compression
BVAL101004	Lever Operated	35mm	Compression
BVAL101005	Lever Operated	42mm	Compression
BVAL101006	Lever Operated	54mm	Compression
BVAL101020	Butterfly Handle	15mm	Compression
BVAL101021	Butterfly Handle	22mm	Compression
BVAL101022	Butterfly Handle	28mm	Compression
BVAL101030	Lever Operated	DN15	FBSP
BVAL101031	Lever Operated	DN20	FBSP
BVAL101032	Lever Operated	DN25	FBSP
BVAL101033	Lever Operated	DN32	FBSP
BVAL101034	Lever Operated	DN40	FBSP
BVAL101035	Lever Operated	DN50	FBSP
BVAL101040	Butterfly Handle	DN15	FBSP
BVAL101041	Butterfly Handle	DN20	FBSP
BVAL101042	Butterfly Handle	DN25	FBSP
BVAL101043	Butterfly Handle	DN32	FBSP
BVAL101044	Extended Lever	DN15	FBSP
BVAL101045	Extended Lever	DN20	FBSP
BVAL101046	Extended Lever	DN25	FBSP
BVAL101047	Extended Lever	DN32	FBSP
BVAL101048	Extended Lever	DN40	FBSP
BVAL101049	Extended Lever	DN50	FBSP

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Isolation Ball Valves



Nickel Plated Lever Ball Valves

- Nickel plated brass
- Interchangeable red and blue lever indicators for hot and cold water (JG Speedfit version only)
- Available with a variety of sizes and connection ends
- Reliable water shut off valve - easy to operate lever handle
- Isolates water to fixture or appliance making maintenance quicker and easier

PART NUMBER	DESCRIPTION	SIZE
BVAL400060	Ball Valve with Blue Handle	15mm PN25 compression
BVAL400070	Ball Valve with Blue Handle	22mm PN25 compression
BVAL400080	Ball Valve with Blue Handle	28mm PN25 compression
BVAL400090	Ball Valve with Blue Handle	35mm PN25 compression
BVAL400100	Ball Valve with Blue Handle	42mm PN25 compression
BVAL400110	Ball Valve with Blue Handle	54mm PN25 compression
BVAL400061	Ball Valve with Red Handle	15mm PN25 compression
BVAL400071	Ball Valve with Red Handle	22mm PN25 compression
BVAL400081	Ball Valve with Red Handle	28 mm PN25 compression
BVAL400091	Ball Valve with Red Handle	35mm PN25 compression
BVAL400101	Ball Valve with Red Handle	42mm PN25 compression
BVAL400111	Ball Valve with Red Handle	15mm PN25 compression
BVAL400200	Ball Valve with Blue/Red Handle	15mm PN10 push-fit*
BVAL400210	Ball Valve with Blue/Red Handle	22mm PN10 push-fit*
BVAL400001	Ball Valve with Blue Handle	1/2" FBSP PN25
BVAL400010	Ball Valve with Blue Handle	3/4" FBSP PN25
BVAL400020	Ball Valve with Blue Handle	1" FBSP PN25
BVAL400030	Ball Valve with Blue Handle	1 1/4" FBSP PN25
BVAL400040	Ball Valve with Blue Handle	1 1/2" FBSP PN25
BVAL400050	Ball Valve with Blue Handle	2" FBSP PN.25
BVAL400000	Ball Valve with Red Handle	1/2" FBSP PN25
BVAL400011	Ball Valve with Red Handle	3/4" FBSP PN25
BVAL400021	Ball Valve with Red Handle	1" FBSP PN25
BVAL400031	Ball Valve with Red Handle	1 1/4" FBSP PN25
BVAL400041	Ball Valve with Red Handle	1 1/2" FBSP PN25
BVAL400051	Ball Valve with Red Handle	2" FBSP PN.25

* If using PEX pipe, a JG Speedfit Superseal Insert must be used to maintain the roundness of the pipe and to add extra strength to the joint.



DZR Brass Ball Valve with Redox Coated Ball

- Redox coated ball ensures a smoother operation and prevents buildup of debris within the valve for easier maintenance
- Full Bore for reduced resistance to flow
- DZR brass ball valve for increased strength and durability, suitable for installations in corrosive environments
- Available as lever operated, butterfly handle and lockshield versions

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
BVALI05001	Lever Operated	DN15	FBSP
BVALI05002	Lever Operated	DN20	FBSP
BVALI05003	Lever Operated	DN25	FBSP
BVALI05004	Lever Operated	DN32	FBSP
BVALI05005	Lever Operated	DN40	FBSP
BVALI05006	Lever Operated	DN50	FBSP
BVALI05020	Butterfly Handle	DN15	FBSP
BVALI05021	Butterfly Handle	DN20	FBSP
BVALI05022	Butterfly Handle	DN25	FBSP
BVALI05023	Butterfly Handle	DN32	FBSP
BVALI05030	Lockshield	DN15	FBSP
BVALI05031	Lockshield	DN20	FBSP
BVALI05032	Lockshield	DN25	FBSP
BVALI05033	Lockshield	DN32	FBSP
BVALI05034	Lockshield	DN40	FBSP
BVALI05035	Lockshield	DN50	FBSP



Stem Extension for DZR Brass Ball Valve with Redox Coated Ball

- Accessory to extend the stem length of our range of DZR brass ball valves with Redox Coated Ball
- For use on Chilled Water and Cold Water to allow the lever to be placed outside of the pipe insulation.
- Nickel Plated brass sleeve and DZR brass stem for long service life

PART NUMBER	DESCRIPTION
BEXTI05097	Stem extension for DN15 and DN20
BEXTI05098	Stem extension for DN25 and DN32
BEXTI05099	Stem extension for DN40 and DN50



Bronze Ball Valve

- Bronze ball valve for increased strength and durability, suitable for installations in corrosive environments
- Full Bore for reduced resistance to flow
- Available as lever operated and butterfly handle versions

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
BVALI03001	Lever Operated	DN15	FBSP
BVALI03002	Lever Operated	DN20	FBSP
BVALI03003	Lever Operated	DN25	FBSP
BVALI03004	Lever Operated	DN32	FBSP
BVALI03005	Lever Operated	DN40	FBSP
BVALI03006	Lever Operated	DN50	FBSP
BVALI03020	Butterfly Handle	DN15	FBSP
BVALI03021	Butterfly Handle	DN20	FBSP
BVALI03022	Butterfly Handle	DN25	FBSP



Bronze Ball Valve with Redox Coated Ball

- Redox coated ball ensures a smoother operation and prevents buildup of debris within the valve
- Bronze ball valve for increased strength and durability, suitable for installations in corrosive environments
- Full bore for reduced resistance to flow
- Available as lever operated, butterfly handle, lockshield and lockable lever versions

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
BVALI06001	Lever Operated	DN15	FBSP
BVALI06002	Lever Operated	DN20	FBSP
BVALI06003	Lever Operated	DN25	FBSP
BVALI06004	Lever Operated	DN32	FBSP
BVALI06005	Lever Operated	DN40	FBSP
BVALI06006	Lever Operated	DN50	FBSP
BVALI06020	Butterfly Handle	DN15	FBSP
BVALI06021	Butterfly Handle	DN20	FBSP
BVALI06022	Butterfly Handle	DN25	FBSP
BVALI06030	Lockable Lever	DN15	FBSP
BVALI06031	Lockable Lever	DN20	FBSP
BVALI06032	Lockable Lever	DN25	FBSP
BVALI06033	Lockable Lever	DN32	FBSP
BVALI06034	Lockable Lever	DN40	FBSP
BVALI06035	Lockable Lever	DN50	FBSP
BVALI03030	Lockshield	DN15	FBSP
BVALI03031	Lockshield	DN20	FBSP
BVALI03032	Lockshield	DN25	FBSP
BVALI03033	Lockshield	DN32	FBSP
BVALI03034	Lockshield	DN40	FBSP
BVALI03035	Lockshield	DN50	FBSP

Reliance

Butterfly Valves



Ductile Iron Semi Lugged Lever Operated Butterfly Valve (Fig 3015 and 3016)

- Corrosion-resistant epoxy coating (min. 150µm)
- CF8M stainless steel disk for long life
- Reliable EPDM seat for secure sealing
- Easy installation with semi-lugged version for mounting between PN16 flanges
- Lengths according to EN558-1 series 20 (ex DIN3202 K1)
- Design according to EN593, testing according to EN12266-1
- Tamperproof, lockable lever for secure operation - can be locked in either open or close position
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)
- Compatible with EN1092 PN16 flanges (also PN10 for DN≤150)
- Suitable for heating and chilled water or hot and cold potable water systems

PART NUMBER	DESCRIPTION	SIZE
BFIV301501	Lever Butterfly Valve DN65 Semi Lugged	DN65
BFIV301502	Lever Butterfly Valve DN80 Semi Lugged	DN80
BFIV301503	Lever Butterfly Valve DN100 Semi Lugged	DN100
BFIV301504	Lever Butterfly Valve DN125 Semi Lugged	DN125
BFIV301505	Lever Butterfly Valve DN150 Semi Lugged	DN150
BFIV301506	Lever Butterfly Valve DN200 Semi Lugged	DN200

Ductile Iron Semi Lugged Gearbox Operated Butterfly Valve (Fig 3016)

PART NUMBER	DESCRIPTION	SIZE
To suit PN10 and PN16 flanges only		
BFIV301606	Gearbox Butterfly Valve DN200 Semi Lugged	DN200
To suit PN16 flanges only		
BFIV301607	Gearbox Butterfly Valve DN250 Semi Lugged	DN250
BFIV301608	Gearbox Butterfly Valve DN300 Semi Lugged	DN300



Ductile Iron Fully Lugged Lever Operated Butterfly Valve (Fig 3025 and 3026)

- Corrosion-resistant epoxy coating (min. 150µm)
- CF8M stainless steel disk for long life
- Reliable EPDM seat for secure sealing
- Easy installation with direct mounting onto PN16 flanges.
- Lengths according to EN558-1 series 20 (ex DIN3202 K1)
- Design according to EN593, testing according to EN12266-1
- Tamperproof, lockable lever for secure operation - can be locked in either open or close position
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)
- Compatible with EN1092 PN16 flanges (also PN10 for DN≤150)
- Suitable for heating and chilled water or hot and cold potable water systems

PART NUMBER	DESCRIPTION	SIZE
BFIV302501	Lever Butterfly Valve DN65 Fully Lugged	DN65
BFIV302502	Lever Butterfly Valve DN80 Fully Lugged	DN80
BFIV302503	Lever Butterfly Valve DN100 Fully Lugged	DN100
BFIV302504	Lever Butterfly Valve DN125 Fully Lugged	DN125
BFIV302505	Lever Butterfly Valve DN150 Fully Lugged	DN150
BFIV302506	Lever Butterfly Valve DN200 Fully Lugged	DN200

Ductile Iron Fully Lugged Gearbox Operated Butterfly Valve (Fig 3026)

PART NUMBER	DESCRIPTION	SIZE
To suit PN10 and PN16 flanges only		
BFIV302606	Gearbox Butterfly Valve DN200 Fully Lugged	DN200
To suit PN16 flanges only		
BFIV302607	Gearbox Butterfly Valve DN250 Fully Lugged	DN250
BFIV302608	Gearbox Butterfly Valve DN300 Fully Lugged	DN300

Gate Valves



DZR Brass Gate Valve

- DZR brass gate valve for increased strength and durability, suitable for installations in corrosive environments
- Available in handwheel and lockshield models
- Self colour DZR brass body to limit nickel leaching and minimise water contamination
- Non-rising, blow-out proof stem

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
GATE112001	Handwheel	DN15	FBSP
GATE112002	Handwheel	DN20	FBSP
GATE112003	Handwheel	DN25	FBSP
GATE112004	Handwheel	DN32	FBSP
GATE112005	Handwheel	DN40	FBSP
GATE112006	Handwheel	DN50	FBSP
GATE112020	Lockshield	DN15	FBSP
GATE112021	Lockshield	DN20	FBSP
GATE112022	Lockshield	DN25	FBSP
GATE112023	Lockshield	DN32	FBSP
GATE112024	Lockshield	DN40	FBSP
GATE112025	Lockshield	DN50	FBSP



Bronze Gate Valve

- Bronze gate valve for increased strength and durability, suitable for installations in corrosive environments
- Available in handwheel and lockshield models
- Self colour bronze body to limit nickel leaching and minimise water contamination
- Non-rising, blow-out proof stem

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
GATE110001	Handwheel	DN15	FBSP
GATE110002	Handwheel	DN20	FBSP
GATE110003	Handwheel	DN25	FBSP
GATE110004	Handwheel	DN32	FBSP
GATE110005	Handwheel	DN40	FBSP
GATE110006	Handwheel	DN50	FBSP
GATE110020	Lockshield	DN15	FBSP
GATE110021	Lockshield	DN20	FBSP
GATE110022	Lockshield	DN25	FBSP
GATE110023	Lockshield	DN32	FBSP
GATE110024	Lockshield	DN40	FBSP
GATE110025	Lockshield	DN50	FBSP

Reliance

Gate Valves



Ductile Iron Gate Valve (Fig 402)

- To suit PN10 and PN16 flanges only
- Robust ductile iron soft sealed gate valve with non rising stem
- Corrosion-resistant epoxy coating (min. 250 µm)
- Flat body, lengths according to EN558-1 series 14 (ex DIN3202 F4)
- Easy installation for direct mounting with PN16 flanges according to EN1092-2 (ex DIN2533)
- Suitable for heating, chilled water or hot and cold potable water systems from -10°C to +110°C (below 0°C only for water with added antifreeze fluids)
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)

PART NUMBER	DESCRIPTION	SIZE
GATE402001	DN65 Flanged Gate Valve PN16 - Handwheel	DN65
GATE402002	DN80 Flanged Gate Valve PN16 - Handwheel	DN80
GATE402003	DN100 Flanged Gate Valve PN16 - Handwheel	DN100
GATE402004	DN125 Flanged Gate Valve PN16 - Handwheel	DN125
GATE402005	DN150 Flanged Gate Valve PN16 - Handwheel	DN150
GATE402006	DN200 Flanged Gate Valve PN16 - Handwheel	DN200

Globe Valves



Bronze Globe Valve

- Bronze globe valve for increased strength and durability, suitable for installations in corrosive environments
- Non-rising, blow-out proof stem

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
GLBE100001	Handwheel	DN15	FBSP
GLBE100002	Handwheel	DN20	FBSP
GLBE100003	Handwheel	DN25	FBSP
GLBE100004	Handwheel	DN32	FBSP
GLBE100005	Handwheel	DN40	FBSP
GLBE100006	Handwheel	DN50	FBSP

Strainers



Floreg Isolating Valve & Strainer

- Serviceable without the need to remove the valve from the installation
- Saves water and energy as well as providing isolation for servicing
- Precise flow control enables designers to size systems accurately
- Provides even distribution when supplying multiple outlets
- 15mm compression connections for ease of installation
- Can be used for retrofit or new build installations
- The regulators are interchangeable so that alterations in flow rate, to suit customer requirements are quick and easy

PART NUMBER	FLOW RATES	SIZE
SERV970000	4 LPM	15mm
SERV970001	6 LPM	15mm
SERV970002	8 LPM	15mm
SERV970003	10 LPM	15mm
SERV970004	12 LPM	15mm
SERV970005	15 LPM	15mm

1/4 Turn Floreg Valves

These valves have been designed to allow temporary servicing of downstream equipment and must only be used in the fully open or fully closed position.

DO NOT use these valves:

- In a partially open position to control flow
- To provide a permanent termination
- Without tubing assembled or plugged (or threaded connections sealed)
- As a tap or 'faucet'



Protecto YC In-Line Strainer

- Prevents debris from fouling the pipework system to minimise blockage
- Stainless steel 60 mesh filter
- Dual thickness gauze for improved resistance to damage

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
LINS400001	Class 3 in-line strainer	15mm	Compression
LINS400002	Class 3 in-line strainer	22mm	Compression
LINS400006	Class 3 in-line strainer	28mm	Compression



Brass Y Type Strainer

- Brass body for increased strength and durability, suitable for installations in corrosive environments
- Prevents debris from fouling the pipework system to minimise blockage
- Removable stainless steel mesh – 20 microns and 0.8mm

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
STRN111001	DZR Brass Y Type Strainer	DN15	FBSP
STRN111002	DZR Brass Y Type Strainer	DN20	FBSP
STRN111003	DZR Brass Y Type Strainer	DN25	FBSP
STRN111004	DZR Brass Y Type Strainer	DN32	FBSP
STRN111005	DZR Brass Y Type Strainer	DN40	FBSP
STRN111006	DZR Brass Y Type Strainer	DN50	FBSP

Reliance

Strainers



Bronze Y Type Strainer

- Bronze body for increased strength and durability, suitable for installations in corrosive environments
- Prevents debris from fouling the pipework system to minimise blockage
- Removable stainless steel mesh – 20 microns and 0.8mm

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
STRN110001	Bronze Y Type Strainer	DN15	FBSP
STRN110002	Bronze Y Type Strainer	DN20	FBSP
STRN110003	Bronze Y Type Strainer	DN25	FBSP
STRN110004	Bronze Y Type Strainer	DN32	FBSP
STRN110005	Bronze Y Type Strainer	DN40	FBSP
STRN110006	Bronze Y Type Strainer	DN50	FBSP



Ductile Iron Y Type Strainer (Fig 302)

- To suit PN10 and PN16 flanges only
- Prevents damaging foreign matter such as dirt and scale from entering piping systems
- Robust cast iron strainer in GG25 for durability, ensuring a long and reliable service life
- Suitable for use in heating, chilled water and hot and cold potable water systems with temperatures from -10°C to +110°C, below 0°C only for water with added antifreeze fluids.
- Simple installation with PN16 flanges according to EN1092-2 (ex DIN2533)
- Lengths according to EN558-1 series 1 (ex DIN3202 F1)
- Corrosion-resistant epoxy coating (min. 200µm)
- Stainless steel AISI 304 strainer mesh for long life with 1.5mm diameter round holes up to DN150
- With 1/2" threaded blanking plug for draining before removing the strainer
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)

PART NUMBER	DESCRIPTION	SIZE
STRN302001	Y Type Strainer PN16 - DN65	PN16 - DN65
STRN302002	Y Type Strainer PN16 - DN80	PN16 - DN80
STRN302003	Y Type Strainer PN16 - DN100	PN16 - DN100
STRN302004	Y Type Strainer PN16 - DN125	PN16 - DN125
STRN302005	Y Type Strainer PN16 - DN150	PN16 - DN150

Potable Manifold



Potable Water Manifold

- Push-fit connections for ease of installation
- Universal product, suitable for hot or cold water systems
- DZR brass body
- Indicators to identify the fixtures supplied by each port
- Union connection allows multiple manifolds to be connected together

PART NUMBER	DESCRIPTION	SIZE
MANA500522	2 port push-fit	15mm push-fit
MANA500523	3 port push-fit	15mm push-fit
MANA500524	4 port push-fit	15mm push-fit
MANA500552	Euroconus, 2 port	3/4"MBSP
MANA500553	Euroconus, 3 port	3/4"MBSP
MANA500554	Euroconus, 4 port	3/4"MBSP

Backflow Prevention Valves



Reduced Pressure Zone Backflow Preventer (RPZ)

- Incorporates a double check valve with a reduced pressure zone
- For protection against back-pressure and back-siphonage
- Protection against fluid category 4: Type BA
- Verifiable backflow preventer with reduced pressure zone
- All serviceable components can be reached within easy access

PART NUMBER	DESCRIPTION	SIZE
RPZV270001	RPZ Valve Backflow Preventer Commercial	1/2"
RPZV270005	RPZ Valve Backflow Preventer Commercial	3/4"
RPZV270010	RPZ Valve Backflow Preventer Commercial	1"
RPZV270015	RPZ Valve Backflow Preventer Commercial	1 1/4"
RPZV270020	RPZ Valve Backflow Preventer Commercial	1 1/2"
RPZV270025	RPZ Valve Backflow Preventer Commercial	2"

RPZ Spare

PART NUMBER	DESCRIPTION	SIZE
SRPZ250001	STBA RPZ Spare Cartridge	
SRPZ255000	RPZ Cartridge	DN15
SRPZ255005	RPZ Cartridge	DN20 & DN25
SRPZ255015	RPZ Cartridge	DN32-50
TOOL255000	RPZ Tool	DN15-25
TOOL255015	RPZ Tool	DN32-50
ZCAP255000	RPZ Cap	DN15
ZCAP255005	RPZ Cap	DN20 & DN25
ZCAP255015	RPZ Cap	DN32-50
BVAL255000	Test Port Ball Valve	

Reliance

Backflow Prevention Valves



Floguard® Single Check Valve

- Single check valves protect against the risk of backflow and back-siphonage contamination
- Compact, lightweight construction for easy installation
- Minimum pressure drop giving good flow rates
- Ideal for all class 2 water contamination risks

PART NUMBER	DESCRIPTION	TYPE	SIZE
FLOW235001	DZR brass	EB	15mm
FLOW235002	DZR brass	EB	22mm
FLOW235003	DZR brass	EB	28mm
FLOW235004	DZR brass	EB	1/2" FBSP
FLOW235005	DZR brass	EB	3/4" FBSP
FLOW235006	DZR brass	EB	1" FBSP
FLOW235007	DZR brass	EB	1 1/4" FBSP
FLOW235008	DZR brass	EB	1 1/2" FBSP
FLOW235009	DZR brass	EB	2" FBSP



Floguard® Double Check Valve

- Double check valves protect against the risk of backflow and back-siphonage contamination
- Minimum pressure drop giving good flow rates
- Integral test point for monitoring function of the downstream check valve
- Ideal for all class 2 water contamination risks

PART NUMBER	DESCRIPTION	TYPE	SIZE
FLOW230001	Mini, DZR brass	ED	15mm
FLOW230002	Mini, nickel	ED	15mm
FLOW230003	Compact, DZR brass	ED	22mm
FLOW230004	DZR brass	ED	28mm
FLOW230005	DZR brass	ED	1/2" FBSP
FLOW230006	DZR brass	ED	3/4" FBSP
FLOW230007	DZR brass	ED	1" FBSP
FLOW230008	DZR brass	ED	1 1/4" FBSP
FLOW230009	DZR brass	ED	1 1/2" FBSP
FLOW230010	DZR brass	ED	2" FBSP



Bronze Swing Check Valve

- Bronze body for increased strength and durability, suitable for installations in corrosive environments
- Simple swing mechanism
- Self colour bronze body to limit nickel leaching and minimise water contamination

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
BRCK100001	Bronze Swing Check Valve	DN15	FBSP
BRCK100002	Bronze Swing Check Valve	DN20	FBSP
BRCK100003	Bronze Swing Check Valve	DN25	FBSP
BRCK100004	Bronze Swing Check Valve	DN32	FBSP
BRCK100005	Bronze Swing Check Valve	DN40	FBSP
BRCK100006	Bronze Swing Check Valve	DN50	FBSP



Brass Swing Check Valve

- Brass body for increased strength and durability, suitable for installations in corrosive environments
- Simple swing mechanism
- Self colour brass body to limit nickel leaching and minimise water contamination

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
BCHK100001	Brass Swing Check Valve	DN15	FBSP
BCHK100002	Brass Swing Check Valve	DN20	FBSP
BCHK100003	Brass Swing Check Valve	DN25	FBSP
BCHK100004	Brass Swing Check Valve	DN32	FBSP
BCHK100005	Brass Swing Check Valve	DN40	FBSP
BCHK100006	Brass Swing Check Valve	DN50	FBSP

Reliance

Backflow Prevention Valves



Ductile Iron Double Check Valve (Fig F303)

- To suit PN10 and PN16 flanges only
- Protects against the risk of backflow and back siphonage contamination
- Compact construction for easy installation
- Minimal pressure drop offers good flow rates
- Corrosion-resistant epoxy coating
- Simple installation with PN16 Flanges
- For use in potable hot and cold water systems
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)
- Robust ductile iron

PART NUMBER	DESCRIPTION	SIZE
FLOW303006	Flanged Double Check Valve PN16 - DN65	DN65
FLOW303007	Flanged Double Check Valve PN16 - DN80	DN80
FLOW303008	Flanged Double Check Valve PN16 - DN100	DN100
FLOW303009	Flanged Double Check Valve PN16 - DN125	DN125
FLOW303010	Flanged Double Check Valve PN16 - DN150	DN150



Ductile Iron Double Door Check Valve (Fig C303)

- For use in hot and cold water systems, heating and chilled water systems.
- To suit PN10 and PN16 flanges only
- Protects against the risk of backflow and back siphonage contamination
- Compact construction for easy installation
- Minimal pressure drop offers good flow rates
- Corrosion-resistant epoxy coating
- Can be mounted horizontally or vertically for installation versatility
- Simple installation between PN16 Flanges
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)

PART NUMBER	DESCRIPTION	SIZE
CHCK303001	Flanged Double Door Check PN16 - DN65	PN16 - DN65
CHCK303002	Flanged Double Door Check PN16 - DN80	PN16 - DN80
CHCK303003	Flanged Double Door Check PN16 - DN100	PN16 - DN100
CHCK303004	Flanged Double Door Check PN16 - DN125	PN16 - DN125
CHCK303005	Flanged Double Door Check PN16 - DN150	PN16 - DN150

Ductile Iron Double Door Check Valve (Fig 403)

- For use in heating and chilled water systems only

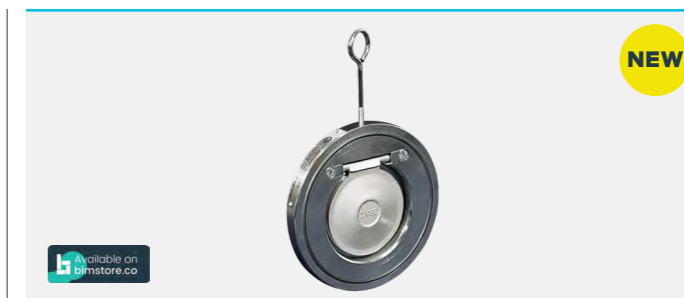
PART NUMBER	DESCRIPTION	SIZE
To suit PN10 and PN16 flanges only		
CHCK403006	Flanged Double Door Check PN16 - DN200	PN16 - DN200
To suit PN16 flanges only		
CHCK403007	Flanged Double Door Check PN16 - DN250	PN16 - DN250
CHCK403008	Flanged Double Door Check PN16 - DN300	PN16 - DN300



Ductile Iron Swing Check Valve (Fig 405)

- To suit PN10 and PN16 flanges only
- Protects against the risk of backflow and back siphonage contamination
- Minimum pressure drop offers good flow rates
- Corrosion-resistant epoxy coating
- Simple installation with PN16 Flanges
- For use in heating and chilled water systems
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)
- Robust cast iron for a trouble free service life

PART NUMBER	DESCRIPTION	SIZE
CHCK405001	Swing Check Valve PN16 - DN65	PN16 - DN65
CHCK405002	Swing Check Valve PN16 - DN80	PN16 - DN80
CHCK405003	Swing Check Valve PN16 - DN100	PN16 - DN100
CHCK405004	Swing Check Valve PN16 - DN125	PN16 - DN125
CHCK405005	Swing Check Valve PN16 - DN150	PN16 - DN150
CHCK405006	Swing Check Valve PN16 - DN200	PN16 - DN200



Steel Wafer Check Valve (Fig 404)

- To suit PN10 and PN16 flanges only
- Protects against the risk of backflow and back siphonage contamination
- Slimline construction for space saving
- Minimal pressure drop offers good flow rates
- Can be mounted horizontally or vertically for installation versatility
- Simple installation between PN10 or PN16 Flanges (up to DN150)
- For use in heating and chilled water systems
- Free of CE marking for DN≤300 (cat. according to Art. 4.3 Dir. 2014/68/EU)
- Robust stainless steel for trouble free service life

PART NUMBER	DESCRIPTION	SIZE
CHCK404001	Steel-Wafer Check Valve PN16 - DN65	PN16 - DN65
CHCK404002	Steel-Wafer Check Valve PN16 - DN80	PN16 - DN80
CHCK404003	Steel-Wafer Check Valve PN16 - DN100	PN16 - DN100
CHCK404004	Steel-Wafer Check Valve PN16 - DN125	PN16 - DN125
CHCK404005	Steel-Wafer Check Valve PN16 - DN150	PN16 - DN150
CHCK404006	Steel-Wafer Check Valve PN16 - DN200	PN16 - DN200

Reliance

Combination Valves



Tenant Valve Advance

- Single-piece design reduces potential leak points and makes installation and maintenance quick and easy
- Includes a ball type lever valve (approved as a stop valve), pressure reducing valve, double check valve, dual reading pressure gauge and a connection point for a primary charging water meter
- Versatile dual pressure gauge for measuring inlet and outlet pressure that can be easily read from any installation orientation
- Fully serviceable from the front without having to remove the valve, unlike traditional methods using separate parts
- Composite ball valve reduces scale build-up
- Easy-to-service integral strainer within the PRV provides added protection to building occupants and the plumbing system
- Supplied with a moulded insulation cover that protects the valve and can be easily removed when servicing the valve
- For ease of maintenance, the water meter cartridge can also be removed from the cover, without the need to remove the insulation from the valve body
- For use up to 16.0 bar pressure and temperatures up to 65°C

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
TVAP250001	3/4" Tenant Valve Advance	DN20	FBSP
TVAP250005	1" Tenant Valve Advance	DN25	FBSP

PROJECT TESTIMONIALS

Tenant Valve



Monks Meadow, Gloucestershire

"I have installed Reliance Valves Tenant Valve on various projects including Factory One-Bedminster, Monks Meadow, Gloucester Quays. It is a first-choice product for us to reduce potential risk of leaks with its innovative one-piece body design.

Other reasons are due to its dual reading pressure gauge with means space saving on installation and the PRV with built in strainer that helps protect the gauge from any potential pressure surge. All our engineers on site love the ease and quickness of installation, and the insulation jacket.

When I have required any support RWC has sent engineers to site and provided the necessary technical support and has resolved in a timely fashion. I would highly recommend RWC as a company to be trusted."

Paul McCarthy
Contracts Manager, Mechanical Heating and Plumbing



Caversham Care Home, Berkshire

"I was involved with trials of the Tenant Valve at its inception, I loved it then and I love it now. I've gone on to use it on numerous projects over the years including high end Apartment Blocks, Commercial Offices, Laboratories and Shopping Centres to name but a few.

The innovative one one-piece body design and dual reading pressure gauge help with space saving on installation and provide peace of mind on potential leak points.

Reliance Valves have always shown innovation, reliability and quality. I will be an advocate of the Tenant Valve and RWC family of products for many years to come."

Mark Myers
Managing Director, Pemberton Ltd

[Read our full case study >](#)



Tenant Valve Compact

- Single-piece cartridge design reduces potential leak points and makes installation and maintenance quick and easy
- Includes a ball type lever valve (approved as a stop valve), pressure reducing valve, double check valve and a dual reading pressure gauge
- Versatile dual pressure gauge for measuring inlet and outlet pressure that can be easily read from any installation orientation
- Composite ball valve reduces scale build-up
- Fully serviceable from the front without having to remove the valve, unlike traditional methods using separate parts
- Easy-to-service integral strainer within the PRV provides added protection to building occupants and the plumbing system
- Supplied with a slimline, moulded insulation cover that protects the valve
- For use up to 16.0 bar pressure and temperatures up to 65°C
- Adjustable between 1.5 – 6.0 bar

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
TVAP250050	3/4" Tenant Valve Compact	DN20	FBSP
TVAP250055	1" Tenant Valve Compact	DN25	FBSP



Isolating and Drain Off Combination Valve

- Ball type lever valve (approved as a stop valve) and integral drain off
- Prevents the drain hose from being connected while the water supply is on and the lever valve is in the open position
- Composite ball valve reduces scale build-up
- Supplied with a moulded insulation cover to protect the valve
- For use up to 16.0 bar pressure and temperatures up to 65°C

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
TABV250001	3/4" Isolating and Drain Off Combination Valve	DN20	FBSP
TABV250005	1" Isolating and Drain Off Combination Valve	DN25	FBSP



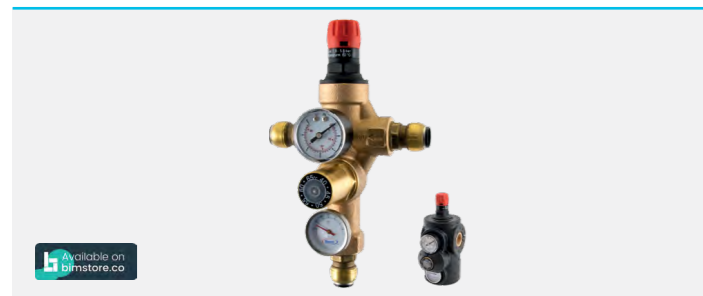
Tenant Valve Water Meter

- Sealed super-dry register
- Designed for use with a clip-on pulse output cap
- Lightweight composite body construction
- Suitable for use as a primary charging meter
- Vertical or horizontal installation
- Rotating dial allows orientation for easy reading
- MID Approved – R315
- Suitable for use with cold water only

PART NUMBER	DESCRIPTION
WATM250001	1 1/2" Tenant Valve Water Meter

Reliance

Combination Valves



Combination Thermal Balancing & Pressure Reducing Valve

- Single unit, cartridge design, ensures quick and easy installation, commissioning & maintenance
- Reduces design complexity and avoids installation error
- Reduced leakage potential and easy maintenance, saving cost
- Supplied pre-insulated further reducing installation time and cost
- Built-in disinfection function to protect against Legionella
- Easy temperature adjustment between 40 – 65°C with tamperproof cap
- Dry-fit thermometer – no need to drain the system down
- High flow rate design
- 'Lift and turn' mechanism for ease of pressure adjustment
- One piece Easiset cartridge with fully serviceable strainer

PART NUMBER	DESCRIPTION	SIZE
TREG200001	Combined TBV and PRV	1/2"
TREG200002	Combined TBV and PRV	3/4"
SBTREG200001	Combined TBV and PRV with SharkBite	15mm
SBTREG200002	Combined TBV and PRV with SharkBite	22mm

Tenant Valve Accessory

PART NUMBER	DESCRIPTION
INSL250001	Insulation Cover for Tenant Valve Advance
INSL250050	Insulation Cover for Tenant Valve Compact
HNDL250001	Shut Off Valve Handle for Tenant Valves
BCAP250001	Blanking Cap for Water Meter Connection
TCHK201001	Double Check Valve Assembly
REDC201001	Adjustable Reducing Cartridge

Spare for the Combination TBV and PRV

PART NUMBER	DESCRIPTION	SIZE
GAGE100060	Spare Temperature Gauge	
SKIT100060	Service Kit For Thermal Balancing Valve	
REDC320002	Replacement PRV one part cartridge	3/4"
GAGE250017	Pressure gauge 40mm Dial 0 - 10 bar	1/4" MBSP back inlet

Bathroom Valves



Governor Urinal Flush Valve

- Compact unit allowing easier installation in ceiling and wall cavities
- Can be installed in vertical or horizontal orientation for maximum flexibility
- Adjustable flow rate with Allen key supplied for adaption to suit system requirements
- Brass body with cover provides a robust and reliable unit with no maintenance required
- No power supply required making installation straightforward and no running costs

PART NUMBER	DESCRIPTION
PUCF100001	Pressure operated urinal flush valve

Leak Detection



MultiSafe Leak Detector

- Constantly monitors water usage to safeguard plumbing systems.
- Automatically closes isolation valve and sends an alert when a leak is detected
- Settings can be adjusted to suit individual requirements
- Includes temperature, pressure and water hardness monitoring.

PART NUMBER	DESCRIPTION	SIZE
LEKP100001	Multisafe Leak Detector Control Valve	3/4 MBSP
LEKP100002	Multisafe Leak Detector Control Valve	1" MBSP
LEKP100003	Multisafe Leak Detector Control Valve	1 1/4" MBSP



- Intensive monitoring of moisture and temperature levels in critical areas.
- Standalone system with onboard alarm
- Connects to WiFi for instant alerts by email or text message
- Monitors battery levels and sends an alert when it reaches 20%

PART NUMBER	DESCRIPTION
LEKP100050	Multisafe Floor Leak Sensor

PROJECT TESTIMONIALS

MultiSafe Leak Detector

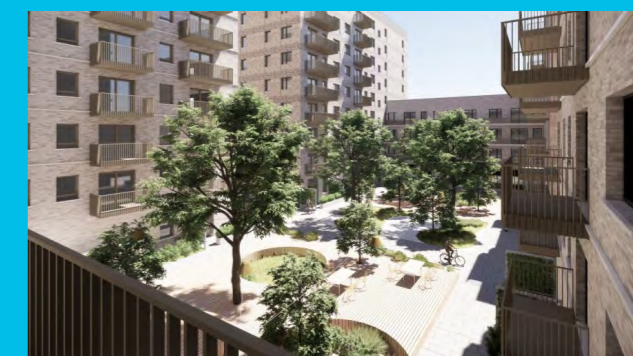


Chelsea Creek – Berkeley Homes

"The MultiSafe Leak Detector Control Valve from Reliance Valves was selected for the Chelsea Creek project, in blocks G & H following trials of several manufacturers on performance, connectivity and versatility of control features for leak detection. It was crucial for our client's risk management plan and their goal for innovative leak safeguarding during the construction phase to feature a solution that supports a seamless testing and filling stage.

The MultiSafe Leak Detector allows you to monitor, control and change settings through a user-friendly app with real time alerts, and during our construction phase this tool performed superbly, fully satisfying the requirement of achieving our directive for effective leak mitigation."

Paul Burton
Group Chairman & Chief Executive, Briggs & Forrester



Gascoigne Estate – Wilmott Dixon

"The Reliance Valves MultiSafe Leak Detector is an innovative solution for our affordable homes development of over 600 residential units in Barking, helping reduce the risk and cost of leaks in a neat and compact unit that gives the end user full control and app interface."

Craig Smith
Technical Buyer, Kane Group

Reliance

Heating System Pressure Relief Valves



100 Series High Capacity Sealed Heating System Pressure Relief Valve

- Outlet one size larger than inlet, for high capacity discharge
- Provides protection against over pressurisation in wet heating systems
- Diaphragm design gives improved resistance against scale
- Cartridge design for ease of service and replacement without need to reset response pressure
- Set pressure range from 2.5 bar to 5.0 bar to suit any system requirement
- High lift design for increased discharge capacity

PART NUMBER	PRESSURE	SIZE
PREL100008	2.5 bar	1/2" x 3/4" F x FBSP
PREL100001	3.0 bar	1/2" x 3/4" F x FBSP
PREL100003	4.0 bar	1/2" x 3/4" F x FBSP
PREL100004	5.0 bar	1/2" x 3/4" F x FBSP
PREL100013	2.5 bar	3/4" x 1" F x FBSP
PREL100014	3.0 bar	3/4" x 1" F x FBSP
PREL100016	4.0 bar	3/4" x 1" F x FBSP
PREL100028	5.0 bar	3/4" x 1" F x FBSP
PREL100022	2.5 bar	1" x 1 1/4" F x FBSP
PREL100023	3.0 bar	1" x 1 1/4" F x FBSP
PREL100025	4.0 bar	1" x 1 1/4" F x FBSP
PREL100027	5.0 bar	1" x 1 1/4" F x FBSP
PREL100032	2.5 bar	1 1/4" x 1 1/4" F x FBSP
PREL100033	3.0 bar	1 1/4" x 1 1/2" F x FBSP
PREL100034	4.0 bar	1 1/4" x 1 1/2" F x FBSP
PREL100036	5.0 bar	1 1/4" x 1 1/2" F x FBSP
PREL100044	2.5 bar	1 1/2" x 2" F x FBSP
PREL100041	3.0 bar	1 1/2" x 2" F x FBSP
PREL100042	4.0 bar	1 1/2" x 2" F x FBSP
PREL100046	5.0 bar	1 1/2" x 2" F x FBSP
PREL100052	2.5 bar	2" x 2 1/2" F x FBSP
PREL100049	3.0 bar	2" x 2 1/2" F x FBSP
PREL100050	4.0 bar	2" x 2 1/2" F x FBSP
PREL100055	5.0 bar	2" x 2 1/2" F x FBSP



101 Series Sealed Heating System Pressure Relief Valve

- Diaphragm design gives improved resistance to scaling and extends the valve's lifespan
- Straightforward removal of single piece cartridge allows access to seat for cleaning or cartridge replacement
- Set relief pressure range from 2.0 bar to 3.0 bar gives flexibility of system design
- Available with FBSP connections, for complete installation flexibility

PART NUMBER	PRESSURE	SIZE
PREL101001	2.0 bar	1/2" F x FBSP
PREL101002	2.5 bar	1/2" F x FBSP
PREL101003	3.0 bar	1/2" F x FBSP
PREL101015	2.0 bar	1/2" M x FBSP
PREL101024	2.5 bar	1/2" M x FBSP
PREL101016	3.0 bar	1/2" M x FBSP
PREL101011	2.0 bar	3/4" F x FBSP
PREL101012	2.5 bar	3/4" F x FBSP
PREL101013	3.0 bar	3/4" F x FBSP
PREL101014	2.0 bar	3/4" M x FBSP
PREL101027	2.5 bar	3/4" M x FBSP
PREL101023	3.0 bar	3/4" M x FBSP



103 Series Sealed Heating System Pressure Relief Valve with Gauge

- Diaphragm design gives improved resistance to scaling and extends the valves lifespan
- Straightforward removal of single piece cartridge allows access to seat for cleaning or cartridge replacement

PART NUMBER	PRESSURE	SIZE
PREL103003	3.0 bar	1/2" F x FBSP

Potable Water Pressure Relief Valves



107 Series Potable Water Pressure Relief Valve

- Diaphragm design gives improved resistance against scale
- Protects against over pressurisation
- Multiple connections for flexible installation
- Set relief pressure range from 3.5 to 6.0 bar
- Maximum temperature of 110°C

PART NUMBER	PRESSURE	SIZE
PREL107015	6.0 bar	1/2" MBSP x 1/2" FBSP
PREL107020	3.5 bar	1/2" MBSP x 15mm

Reliance

Potable Water Pressure Relief Valves



102 Series Potable Water Pressure Relief Valve

- Rapid removal of single piece cartridge for cleaning or replacement
- Diaphragm design gives improved resistance scale
- Multiple connections for flexible installation
- Set relief pressure range from 3.5 to 8.0 bar

PART NUMBER	PRESSURE	SIZE
PREL102014	3.5 bar	1/2" FBSP x FBSP
PREL102008	5.0 bar	1/2" FBSP x FBSP
PREL102001	6.0 bar	1/2" FBSP x FBSP
PREL102004	8.0 bar	1/2" FBSP x FBSP
PREL102040	3.5 bar	1/2" MBSP x FBSP
PREL102041	5.0 bar	1/2" MBSP x FBSP
PREL102042	6.0 bar	1/2" MBSP x FBSP
PREL102043	8.0 bar	1/2" MBSP x FBSP
PREL102009	3.5 bar	1/2" MBSP x 15mm
PREL102003	5.0 bar	1/2" MBSP x 15mm
PREL102005	6.0 bar	1/2" MBSP x 15mm
PREL102044	8.0 bar	1/2" MBSP x 15mm
PREL102045	3.5 bar	3/4" FBSP x FBSP
PREL102046	5.0 bar	3/4" FBSP x FBSP
PREL102031	6.0 bar	3/4" FBSP x FBSP
PREL102047	8.0 bar	3/4" FBSP x FBSP
PREL102048	3.5 bar	3/4" MBSP x FBSP
PREL102118	5.0 bar	3/4" MBSP x FBSP
PREL102018	6.0 bar	3/4" MBSP x FBSP
PREL102024	8.0 bar	3/4" MBSP x FBSP
PREL102020	3.5 bar	3/4" MBSP x 22mm
PREL102049	5.0 bar	3/4" MBSP x 22mm
PREL102027	6.0 bar	3/4" MBSP x 22mm
PREL102050	8.0 bar	3/4" MBSP x 22mm

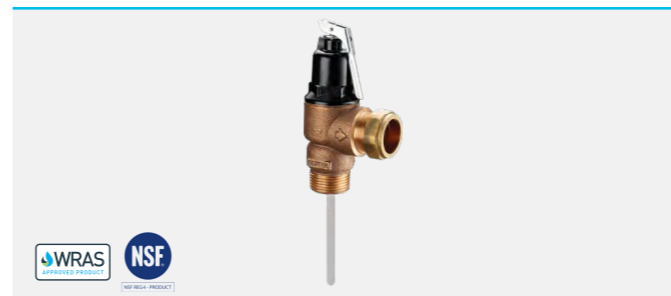


104 Series High Capacity Potable Water Pressure Relief Valve

- Rapid removal of single piece cartridge for cleaning or replacement
- Diaphragm design gives improved resistance scale
- Multiple connections for flexible installation
- Set relief pressure range from 3.5 to 8.0 bar

PART NUMBER	PRESSURE	SIZE
PREL104008	6.0 bar	1/2" x 3/4" FBSP x FBSP
PREL104042	3.5 bar	3/4" x 1" FBSP x FBSP
PREL104014	5.0 bar	3/4" x 1" FBSP x FBSP
PREL104010	6.0 bar	3/4" x 1" FBSP x FBSP
PREL104016	8.0 bar	3/4" x 1" FBSP x FBSP
PREL104043	3.5 bar	1" x 1 1/4" FBSP x FBSP
PREL104001	5.0 bar	1" x 1 1/4" FBSP x FBSP
PREL104002	6.0 bar	1" x 1 1/4" FBSP x FBSP
PREL104017	8.0 bar	1" x 1 1/4" FBSP x FBSP
PREL104044	3.5 bar	1 1/4" x 1 1/2" FBSP x FBSP
PREL104045	5.0 bar	1 1/4" x 1 1/2" FBSP x FBSP
PREL104005	6.0 bar	1 1/4" x 1 1/2" FBSP x FBSP
PREL104013	8.0 bar	1 1/4" x 1 1/2" FBSP x FBSP
PREL104046	3.5 bar	1 1/2" x 2" FBSP x FBSP
PREL104047	5.0 bar	1 1/2" x 2" FBSP x FBSP
PREL104012	6.0 bar	1 1/2" x 2" FBSP x FBSP
PREL104020	8.0 bar	1 1/2" x 2" FBSP x FBSP
PREL104048	3.5 bar	2" x 2 1/2" FBSP x FBSP
PREL104049	5.0 bar	2" x 2 1/2" FBSP x FBSP
PREL104015	6.0 bar	2" x 2 1/2" FBSP x FBSP
PREL104023	8.0 bar	2" x 2 1/2" FBSP x FBSP

Pressure & Temperature Relief Valves



TPR28 Pressure & Temperature Relief Valve

- Protects against temperature rising over 95°C
- Prevents over pressurisation
- Lever style easing mechanism

PART NUMBER	PROBE	PRESSURE	SIZE
PTEM100050	195mm	7.0 bar	1" MBSP x 28mm
PTEM100060	195mm	10.0 bar	1" MBSP x 28mm



FVMX High Capacity Pressure & Temperature Relief Valve

- Protects against temperature rising over 95°C
- Prevents over pressurisation
- Lever style easing mechanism

PART NUMBER	PROBE	PRESSURE	SIZE
PTEM600001	112mm	7.0 bar	1" MBSP x 28mm
PTEM600002	120mm	7.0 bar	1" MBSP x 1" FBSP
PTEM600003	100mm	7.0 bar	1 1/4" MBSP x 1" FBSP
PTEM600004	80mm	7.0 bar	1 1/2" MBSP x 1 1/2" FBSP
PTEM600005	65mm	7.0 bar	2" MBSP x 2" FBSP



CPT 15 & 22 Temperature & Pressure Relief Valve

- Protects against temperature rising above 95°C
- Prevents over pressurisation
- Silicone diaphragm on the internal seat
- Options with PTFE thread coating available
- Wide range of pressure settings and probe length options

PART NUMBER	PROBE	PRESSURE	SIZE
CPT 15			
PTEM540001	Standard	7.0 bar	1/2" MBSP x 15mm
PTEM540005	Standard	10.0 bar with PTFE	1/2" MBSP x 15mm
PTEM540010	Standard	7.0 bar with PTFE	1/2" MBSP x 15mm
PTEM540015	Standard	4.5 bar with PTFE	1/2" MBSP x 15mm
PTEM540020	Standard	6.0 bar with PTFE	1/2" MBSP x 15mm
PTEM540025	Standard	7.0 bar	15mm x 15mm
PTEM540030	Short	7.0 bar	1/2" MBSP x 15mm
PTEM540100	Long	7.0 bar	1/2" MBSP x 15mm
PTEM540105	Long	7.0 bar	15mm x 15mm
PTEM540110	Long	10.0 bar	1/2" MBSP x 15mm
CPT 22			
PTEM585200	Standard	4.5 bar	3/4" MBSP x 22mm
PTEM585205	Standard	7.0 bar	3/4" MBSP x 22mm
PTEM585210	Standard	10.0 bar	3/4" MBSP x 22mm
PTEM585250	Long	7.0 bar	3/4" MBSP x 22mm

Reliance

Pressure Relief Cartridges



Pressure Relief Valve Cartridge

PART NUMBER	PRESSURE	SIZE
Heated System Replacement Cartridges		
ZRC209020	2.0 bar	1/2" and 3/4"
ZRC209021	2.5 bar	1/2" and 3/4"
ZRC214043	3.0 bar	1/2" and 3/4"
Potable Water Replacement Cartridges		
ZRC214031	3.5 bar	1/2" and 3/4"
ZRC214048	5.0 bar	1/2" and 3/4"
ZRC214004	6.0 bar	1/2" and 3/4"
ZRC214009	8.0 bar	1/2" and 3/4"

Tundishes



Plastic & Epoxy Steel Tundish

- Type AA backflow prevention
- Slimline design (some models)
- Straight or angled versions available
- Sizes from 15mm to 2 1/2" FBSP

PART NUMBER	DESCRIPTION	SIZE
TUND219005	Straight plastic	15mm x 22mm
TUND218024	90 degree plastic	15mm x 3/4" FBSP
TUND300003	Straight plastic	1 1/4" x 1 1/2" FBSP
TUND300004	Straight epoxy steel	1 1/2" x 2" FBSP
TUND300005	Straight epoxy steel	2 1/2" x 3" FBSP
TUND600005	Dry Trap Tundish	15 x 22mm
TUND600010	Dry Trap Tundish	15 x 32mm

Expansion Vessels



Aquasystem® Heating System Expansion Vessel

- Internal membrane prevents any water contact with the steel shell, stopping internal corrosion
- Huge choice of products from 2 litre to 1,000 litre to cover all applications
- All versions supplied with a replaceable membrane meaning the vessel can be serviced without being removed
- Complete with pre-charge valve for topping up air pressure

PART NUMBER	CAPACITY	COLOUR	PRESSURE (PRE-SET)	SIZE
XVES100020	5 litre	Red	1.0 bar	3/4" MBSP
XVES100030	8 litre	Red	1.0 bar	3/4" MBSP
XVES100040	12 litre	Red	1.0 bar	3/4" MBSP
XVES100050	18 litre	Red	1.5 bar	3/4" MBSP
XVES100060	24 litre	Red	1.5 bar	3/4" MBSP
XVES100070	35 litre	Red	1.5 bar	3/4" MBSP
XVES100080	50 litre	Red	1.5 bar	3/4" MBSP
XVES100090	80 litre	Red	1.5 bar	1" MBSP
XVES100100	100 litre	Red	1.5 bar	1" MBSP
XVES100110	150 litre	Red	1.5 bar	1" MBSP
XVES100120	200 litre	Red	1.5 bar	1" MBSP
XVES100130	250 litre	Red	1.5 bar	1" MBSP
XVES100140	300 litre	Red	1.5 bar	1" MBSP
XVES100150	500 litre	Red	1.5 bar	1 1/4" MBSP
XVES100160	750 litre	Red	1.5 bar	2" MBSP
XVES100170	1000 litre	Red	1.5 bar	2" MBSP



Aquasystem® Potable Water Expansion Vessel

- Stainless steel bolted flange prevents corrosion
- Extra wide membrane opening prevents noise caused by restricted flow
- Internal membrane prevents any water contact with the steel shell, stopping internal corrosion
- Huge choice of products from 2 litre to 5,000 litre to cover all applications
- All versions supplied with a replaceable membrane meaning the vessel can be serviced without being removed
- Complete with pre-charge valve for topping up air pressure
- Suitable for both potable water and heating applications

PART NUMBER	CAPACITY	COLOUR	PRESSURE (PRE-SET)	SIZE
XVES050010	2 litre	White	3.0 bar	1/2" MBSP
XVES050020	5 litre	White	3.0 bar	3/4" MBSP
XVES050030	8 litre	White	3.0 bar	3/4" MBSP
XVES050040	12 litre	White	3.0 bar	3/4" MBSP
XVES050050	18 litre	White	3.0 bar	3/4" MBSP
XVES050060	24 litre	White	3.0 bar	3/4" MBSP
XVES050070	35 litre	White	3.0 bar	3/4" MBSP
XVES050080	50 litre	Blue	3.0 bar	3/4" MBSP
XVES050090	60 litre	Blue	3.5 bar	1" MBSP
XVES050100	80 litre	Blue	3.5 bar	1" MBSP
XVES050110	100 litre	Blue	3.5 bar	1" MBSP
XVES050120	150 litre	Blue	3.5 bar	1" MBSP
XVES050130	200 litre	Blue	3.5 bar	1 1/4" MBSP
XVES050140	300 litre	Blue	3.5 bar	1 1/4" MBSP
XVES050150	500 litre	Blue	3.5 bar	1 1/4" MBSP
XVES050160	750 litre	Red	4.0 bar	2" MBSP
XVES050170	1000 litre	Red	4.0 bar	2" MBSP
XVES050180	1500 litre	Red	4.0 bar	2" MBSP
XVES050190	2000 litre	Red	4.0 bar	2" MBSP
XVES050200	3000 litre	Red	4.0 bar	DN65
XVES050210	4000 litre	Red	4.0 bar	DN80
XVES050220	5000 litre	Red	4.0 bar	DN80



Aquasystem® Potable Expansion Vessel with Bracket

PART NUMBER	CAPACITY	PRESSURE	SIZE
XVES050036	8 litre	3.5 bar c/w bracket, vertical	3/4" MBSP
XVES050045	12 litre	3.0 bar c/w bracket, vertical	3/4" MBSP
XVES050055	18 litre	3.0 bar c/w bracket, vertical	3/4" MBSP
XVES050065	24 litre	3.0 bar c/w bracket, vertical	3/4" MBSP
XVES050075	35 litre	3.0 bar c/w bracket, vertical	3/4" MBSP



Aquasystem® Vessel Bracket

- Epoxy coated steel
- Complete with screws and wall plugs

PART NUMBER	PRESSURE	SIZE
BRKT240021	5 litre	160mm dia
BRKT240022	8 litre	200mm dia
BRKT240050	12, 18 or 24 litre	280mm dia
BRKT240051	35 or 50 litre (2 brackets recommended for this size)	365mm dia

Reliance

Expansion Vessels



Aquasystem® Replacement Membrane (Potable Water)

PART NUMBER	DESCRIPTION
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Potable Water Vessel Membranes

PART NUMBER	DESCRIPTION
MEMB100000	2 litre potable EPDM
MEMB100010	5 - 8 litre potable EPDM
MEMB100020	12 litre potable EPDM
MEMB100030	18 litre potable EPDM
MEMB100040	24 litre potable EPDM
MEMB100055	50 litre potable EPDM
MEMB100060	60 litre potable EPDM
MEMB100065	80 litre potable EPDM
MEMB100070	100 litre potable EPDM
MEMB100080	150 litre potable EPDM
MEMB100090	200 litre potable EPDM
MEMB100100	300 litre potable EPDM
MEMB100110	500 litre potable EPDM

Heating System Vessel Membranes

PART NUMBER	DESCRIPTION
MEMB200010	5 - 8 litre heating EPDM
MEMB200020	12 litre heating EPDM
MEMB200030	18 litre heating EPDM
MEMB200040	24 litre heating EPDM
MEMB200055	50 litre heating EPDM
MEMB200060	80 litre heating EPDM
MEMB200070	100 litre heating EPDM
MEMB200075	150 litre heating EPDM
MEMB200080	200, 250 or 300 litre heating EPDM
MEMB200090	400 or 500 litre heating EPDM
MEMB100120	750 litre potable/heating EPDM
MEMB100125	1000 litre potable/heating EPDM
MEMB100130	1500 or 2000 litre potable/heating EPDM
MEMB100140	3000 litre potable/heating EPDM

Shock arrestors



Potable Water Shock Arrestor

- Compact mini vessels can be fitted at the point of use to stop water hammer
- Stainless steel shell and flange prevent corrosion
- Complete with pre-charge valve for topping up air pressure

PART NUMBER	CAPACITY	PRESSURE	SIZE
XVES050000	0.16 litre	15 bar	1/2" MBSP
XVES050005	0.50 litre	10 bar	1/2" MBSP
XVES050006	1 litre	10 bar	1/2" MBSP
XVES050007	2 litre	10 bar	1/2" MBSP

Circulation Controls



Anti-Legionella Valve

- Maintains circulation through an expansion vessel
- Prevents stagnation
- Easy to install
- Includes ball valve & drain off for simple maintenance
- Can be used on any standard vessel with 1/2" - 1 1/4" connection
- One piece design
- ANTI110003 & ANTI11004 includes a locking function

PART NUMBER	DESCRIPTION	SIZE
ANTI110001	Anti Legionella Valve	1/2" FBSP
ANTI110002	Anti Legionella Valve	3/4" FBSP
ANTI110003	Anti Legionella Valve	1" FBSP
ANTI110004	Anti Legionella Valve	1 1/4" FBSP

Manifolds & Filling Loops



Filmaster® Filling Loop

PART NUMBER	DESCRIPTION	SIZE
FIBV246208	Filmaster Filling Loop dual isolator c/w check valve	15mm
BCAP246200	Filling Loop sealing cap and tag	1/2"



Easifit® Manifold with Filling Loop & Gauge

- The connection manifold is a one piece unit and requires no assembly
- Includes a WRAS approved filling loop with blanking caps
- Comes with an easy to read 1/4" pressure gauge
- Union type connection to the expansion vessel can be orientated easily

PART NUMBER	DESCRIPTION	SIZE
EASI209104	Easifit Manifold with filling loop & gauge	3/4" MBSP



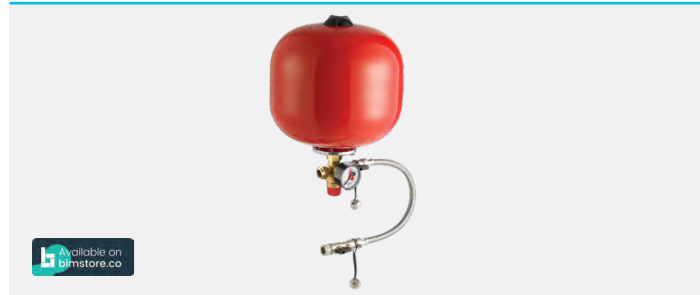
Easifit® Manifold

- Union type connection to the expansion vessel
- Gauge is not included

PART NUMBER	DESCRIPTION	SIZE
CORE209106	Easifit Manifold	3/4" MBSP

Reliance

Prepared Kits



Easifit® Sealed System Kit

- Includes an expansion vessel with integrated bracket system for ease of installation
- The connection manifold is a one piece unit and requires no assembly
- Includes a WRAS approved filling loop with blanking caps
- Comes with an easy to read pressure gauge
- Union type connection to the expansion vessel can be orientated easily

PART NUMBER	PRESSURE	SIZE
VESK209049	1.0 bar	5 litre 3/4" MBSP
VESK209050	1.0 bar	8 litre 3/4" MBSP
VESK209051	1.0 bar	12 litre 3/4" MBSP
VESK209052	1.5 bar	18 litre 3/4" MBSP
VESK209053	1.5 bar	24 litre 3/4" MBSP
VESK209054	1.5 bar	35 litre 3/4" MBSP



Easifit® Sealed System Kit

- Contains all required controls to install a small water heater
- Mix of control available for flexibility of design
- High quality materials
- Complied with Part G3 of building regs
- WRAS approved components

PART NUMBER	DESCRIPTION
COLK150000	2 litre, 15mm check valve & 15mm relief valve
COLK150005	2 litre, 15mm check valve
COLK150015	2 litre, with check valve, pressure reducing valve & relief valve

Zone Valves & Wiring Centres



Two Port Zone Valve

- Includes an expansion vessel with integrated bracket system for ease of installation
- The connection manifold is a one piece unit and requires no assembly
- Includes a WRAS approved filling loop with blanking caps
- Comes with an easy to read pressure gauge
- Union type connection to the expansion vessel can be orientated easily

PART NUMBER	DESCRIPTION	SIZE
ZONE250305	2 Port Zone Valve 22mm zone valve with detachable head and pre-wired cable	22mm
SKIT250305	Spare 230v Actuator Head For Zone Valves	



Wiring Centre

- Simplifies wiring installations
- Allows for easy access
- Safe means of connection

PART NUMBER	DESCRIPTION
WIRE100002	Wiring Centre

Anti-Vacuum Valves & Air Vents



Automatic Anti-Vacuum Valve

- Automatic protection against a vacuum forming in hot water installation
- Solid brass body for long life
- Easy access to the internals from the top of the valve
- Quick and simple service

PART NUMBER	DESCRIPTION	SIZE
ADMT503001	Hot water automatic anti vacuum valve	1/2" MBSP
ADMT503010	Hot water automatic anti vacuum valve	3/4" MBSP
ADMT503004	Hot water automatic anti vacuum valve with pop-up indicator	15mm
ADMT503005	Hot water automatic anti vacuum valve with pop-up indicator	22mm



Automatic Air Vent

- Automatically vents trapped air from within a sealed heating system
- Solid brass construction and heat resistant polypropylene float give long life and dependability
- Saves time and cost when commissioning new heating systems
- Reduces call backs to rectify air locks, saving time and money

PART NUMBER	DESCRIPTION	SIZE
AVEN100001	Automatic air vent	3/8"
AVEN100005	Automatic air vent	1/2"
AVEN100003	Automatic air vent	15mm Comp
AVEN300001	Automatic Air Vent with JG Speedfit	15mm push-fit
AVEN450001	UFH Air Vent – Nickel	1/2"

Reliance

Radiator Valves



Thermostatic Radiator Valve

- Approved to EN215 to ensure a high level of quality and control when used in conjunction with Reliance Valves Thermostatic Head (THED100001)
- Adjustable Kv and High Flow Fixed Kv versions to suit various radiator outputs
- Integrated O-Ring seals on the union connections to eliminate the use of washers, olives and jointing compound and reduce leak potential
- Combination FBSP and compression inlet connections to suit all types of pipe connection systems

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
RADV100001	Adjustable Kv – angled pattern	1/2" / 15mm	M x F / Compression
RADV100005	Adjustable Kv – angled pattern	3/4" / 22mm	M x F / Compression
RADV100010	Adjustable Kv – straight pattern	1/2" / 15mm	M x F / Compression
RADV100015	Adjustable Kv – straight pattern	3/4" / 22mm	M x F / Compression
RADV100002	Fixed Kv – angled pattern	1/2" / 15mm	M x F / Compression
RADV100006	Fixed Kv – angled pattern	3/4" / 22mm	M x F / Compression
RADV100011	Fixed Kv – straight pattern	1/2" / 15mm	M x F / Compression
RADV100016	Fixed Kv – straight pattern	3/4" / 22mm	M x F / Compression



Thermostatic Radiator Valve Head

- Approved to EN215 to ensure a high level of quality and control
- Limiting clips to limit the temperature adjustment range
- Fast reaction time with liquid-filled thermostat
- Easy-to-read numerical indicators for temperature setting

PART NUMBER	DESCRIPTION	SIZE
THED100001	Thermostatic Radiator Valve Head	M30 x 1.5 Thread



Manual Radiator Valve

- Robust handwheels for manual operation
- Integrated O-Ring seals on the union connections to eliminate the use of washers, olives and jointing compound and reduce leak potential
- Combination FBSP and compression inlet connections to suit all types of pipe connection systems

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
RADV100030	Wheelhead Radiator Valve – angled	1/2" / 15mm	M x F / Compression
RADV100035	Wheelhead Radiator Valve – angled	3/4" / 22mm	M x F / Compression
RADV100040	Wheelhead Radiator Valve – straight	1/2" / 15mm	M x F / Compression
RADV100045	Wheelhead Radiator Valve – straight	3/4" / 22mm	M x F / Compression



Lockshield Radiator Valve

- Allen key isolator and cover cap to prevent unauthorized tampering after installation
- Combination FBSP and compression inlet connections to suit all types of pipe connection systems
- Integrated O-Ring seals on the union connections to eliminate the use of washers, olives and jointing compound and reduce leak potential

PART NUMBER	DESCRIPTION	SIZE	CONNECTION
RADV100060	Lockshield Radiator Valve – angled	1/2" / 15mm	M x F / Compression
RADV100065	Lockshield Radiator Valve – angled	3/4" / 22mm	M x F / Compression
RADV100070	Lockshield Radiator Valve – straight	1/2" / 15mm	M x F / Compression
RADV100075	Lockshield Radiator Valve – straight	3/4" / 22mm	M x F / Compression

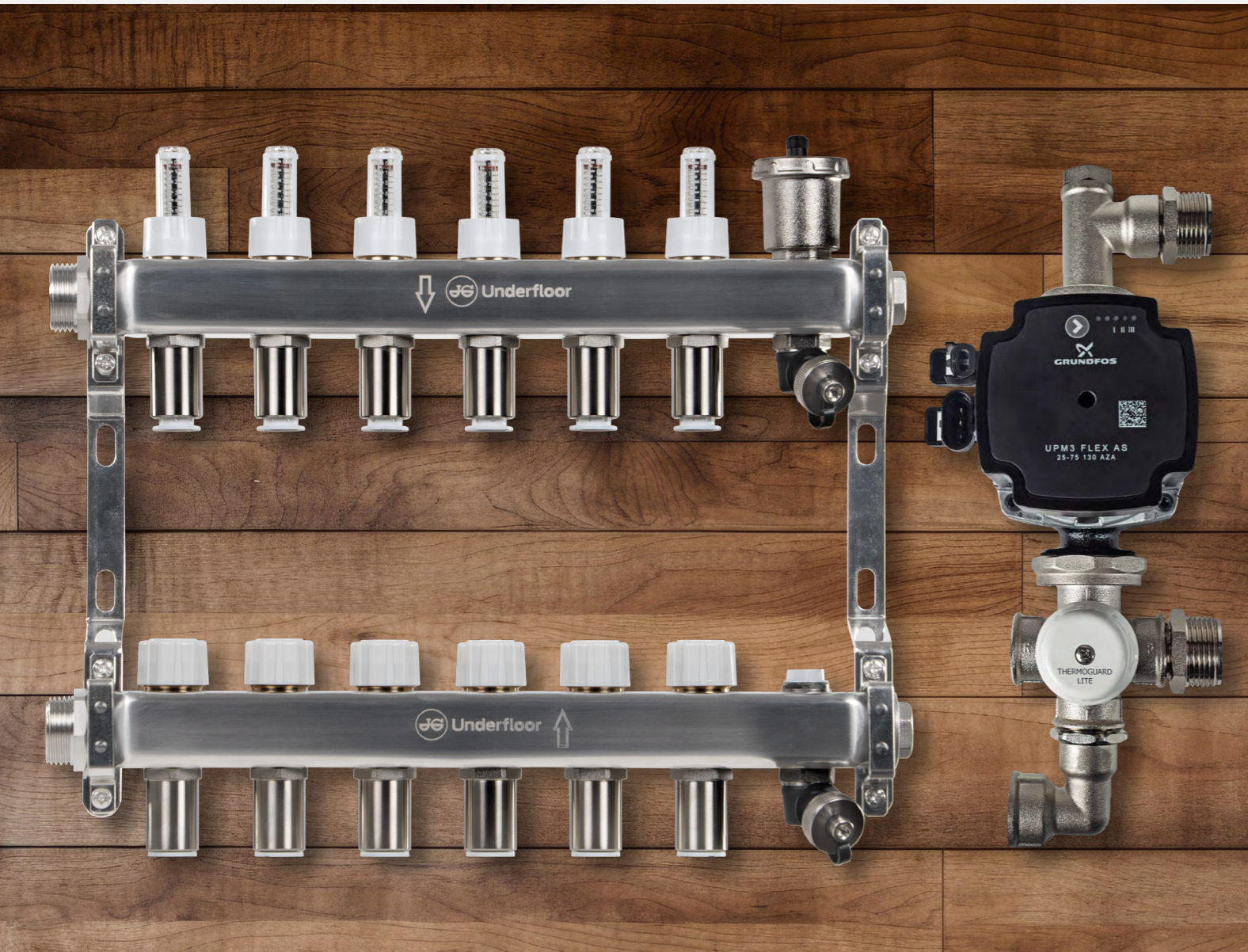
Thermostats



Cylinder Thermostat

- Dual thermostat combines high limit and temperature control thermostat in one
- High limit restricts to maximum 82°C
- Temperature control for user flexibility

PART NUMBER	DESCRIPTION
STAT500025	Dual Thermostat 30-70°C 85mm Probe no pocket
STAT500030	Single High Limit C/Out 82°C Thermostat including pocket
STAT500040	Single Control Thermostat 30-90°C including pocket
PCKT100005	Copper Pocket For Dual Thermostats (85mm)
PCKT100010	Copper Pocket For Single Thermostats



Underfloor heating systems

Underfloor

Underfloor heating systems. Engineered for energy-efficient, consistent heat.



Underfloor provides a versatile range of wet underfloor heating solutions for new-build and retrofit projects. Suitable for screed, timber and low-profile floors, the system combines flexible pipework, preassembled manifolds, control packs and simple fixing systems for fast, straightforward installation.

Designed for efficient, low-temperature operation, Underfloor supports heat-pump and modern-boiler systems, helping deliver consistent comfort at lower running temperatures. Smart wireless or wired controls allow single or multi-zone configuration, with app-based options for flexible control.

Full technical support – including free CAD layouts, estimates and installation guidance – helps reduce design risk and provides confidence in achieving reliable, high-performance results across domestic projects.



on all Speedfit fittings and pipe



on JG Underfloor Controls, manifolds, control packs and accessories

Features

- Flexible pipework and simple fixing systems for fast installation across screed, timber and low-profile floors
- Preassembled, compact manifolds and control packs for simpler setup
- Two systems – push-fit manifolds with polybutylene pipe, or Euroconus manifolds with PERT pipe
- Smart, programmable thermostats in wired and wireless options for single or multi-zone control
- Low-temperature compatibility with heat pumps and modern boilers
- Suitable for new-build and retrofit projects

Benefits

- Energy efficient heating that reduces running costs by up to 30% through low temperature operation
- Even, comfortable radiant heat delivered quietly and unobtrusively, with no cold spots or exposed hot surfaces
- Reliable long-term performance from durable pipework, manifolds and controls
- High heat output at low flow temperatures, supporting efficient operation with heat pumps and modern boilers
- Flexible system options for different floor constructions, room sizes and multi-zone layouts
- Reduced design and installation risk with CAD layouts and technical support



Underfloor

Underfloor 15mm System

Stainless Steel Manifolds

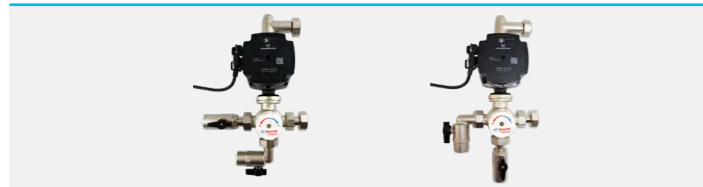


15mm Stainless Steel Manifold

PART NUMBER	SIZE	PACK QTY
JGUFHMAN2/4	2 Port	1
JGUFHMAN3/4	3 Port	1
JGUFHMAN4/4	4 Port	1
JGUFHMAN5/4	5 Port	1
JGUFHMAN6/4	6 Port	1
JGUFHMAN7/4	7 Port	1
JGUFHMAN8/4	8 Port	1
JGUFHMAN9/4	9 Port	1
JGUFHMAN10/4	10 Port	1
JGUFHMAN11/4	11 Port	1
JGUFHMAN12/4	12 Port	1

The push-fit manifolds are complete with adjustable flow gauge, drain valve and air bleed valve. They are pre-assembled on wall brackets and supplied with screws and plugs. Also supplied with 'STS' Pipe Inserts and Collet Clips.

Thermostatic Control Packs



UFH Thermomix Control Pack

PART NUMBER	PACK QTY
JGCONTROL/5	1



UFH Heat Pump Control Pack

PART NUMBER	PACK QTY
JGCONTROL/HP	1

Polybutylene Barrier Pipe Coils



JG Layflat® Polybutylene Barrier Pipe

PART NUMBER	SIZE MM X M	PACK QTY
15BPB-50C	15 x 50	1
15BPB-85C	15 x 85	1
15BPB-100C	15 x 100	1
15BPB-120C	15 x 120	1
15BPB-150C	15 x 150	1
15BPB-300C	15 x 300	1

Floor Panels, Boards & Installation Consumables



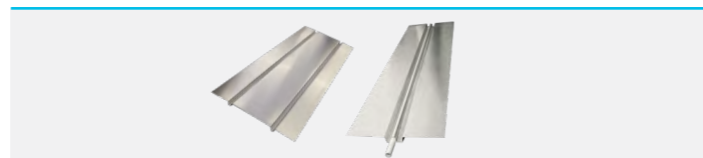
Staple Gun

PART NUMBER	PACK QTY
JGUFHGUN2	1



Pipe Staple

PART NUMBER	SIZE MM	PACK QTY
JGUFHSTAPLE40N	40	300
JGUFHSTAPLE60N	60	300

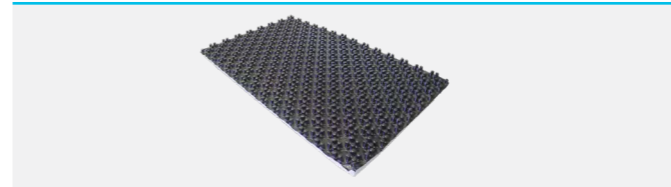


Spreader Plate

PART NUMBER	SIZE MM	PACK QTY
JGUFHSP165*	165 x 1000	20
JGUFHSP400	390 x 1000	10

* FOR I BEAM JOISTS
Available in pack multiples only.

Floor Panels, Boards & Installation Consumables



Castellated Floor Panel

PART NUMBER	SIZE MM	PACK QTY
JGUFHTILE	1400 x 800	12

The floor panels have an 11mm layer of insulation for support and additional thermal insulation.



Edge Strip

PART NUMBER	SIZE MM X M	PACK QTY	BOX QTY
JGUFHEDGE15N	150 x 25	1	8



Overfit® Board

PART NUMBER	SIZE MM	PACK QTY
JGUFHBOARD1	1250 x 600	10

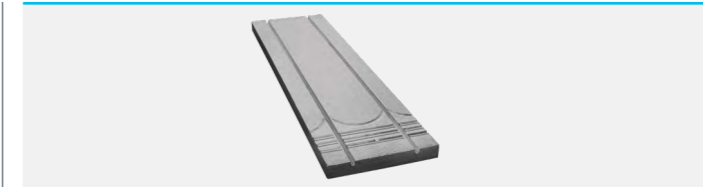
Used to install 15mm underfloor heating pipe over an existing floor structure.



Mounting Rail & Pin

PART NUMBER	SIZE	PACK QTY
JGUFHRAIL	15mm x 2m	16
JGUFHPIN	50mm	100

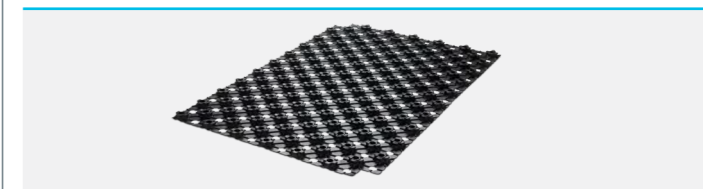
Available in pack multiples only. Pack 32m in total.



Underfit® Board

PART NUMBER	SIZE MM	PACK QTY
JGUFHBOARD2	1200 x 350	10

Used to install 15mm underfloor heating pipe between existing joists.



JG LowFit Castellated Floor Panel

PART NUMBER	SIZE MM	PACK QTY
JGLOWFIT20	1050 x 650 (for 15mm pipe)	14

Conduit Pipe & Elbows



Conduit Pipe (Black)

PART NUMBER	SIZE MM X M	PACK QTY
15BLKCON-25C	15 x 25	1



Conduit Elbow

PART NUMBER	SIZE MM	PACK QTY	BOX QTY
JGUFHCONELB	15 x 15	1	50

Underfloor 15mm System

Single Room Packs



Control Unit

PART NUMBER	PACK QTY
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JGROOMPACK/3	1
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For single room conservatories or room extensions up to 30m².



Single Room Underfloor Heating Pack 20m²

PART NUMBER	PACK QTY
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JGUFHPACK20/4	1
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For conservatories or room extensions up to 20m².

Each pack will include:

PRODUCT	QTY
15mm x 150m Coil of Pipe	1
Single Room Control Unit	1
JG Underfloor 240v Programmable Thermostat	1
15mm Pipe Staples	200
15mm Pipe Inserts	2



Single Room Underfloor Heating Pack 30m²

PART NUMBER	PACK QTY
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JGUFHPACK30/4	1
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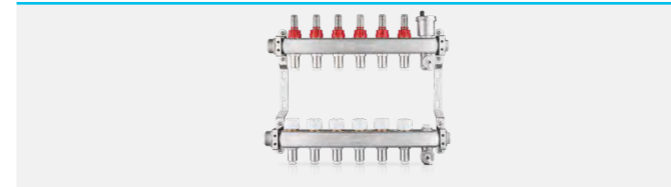
For conservatories or room extensions up to 30m².

Each pack will include:

PRODUCT	QTY
15mm x 100m Coil of Pipe	2
Single Room Control Unit	1
JG Underfloor 240v Programmable Room Thermostat	1
15mm Pipe Staples	300
15mm Pipe Inserts	8
15mm JG Speedfit Equal Tees	2
15mm JG Speedfit Stem Elbows	2

Underfloor LowFit 12mm System

Stainless Steel Manifolds



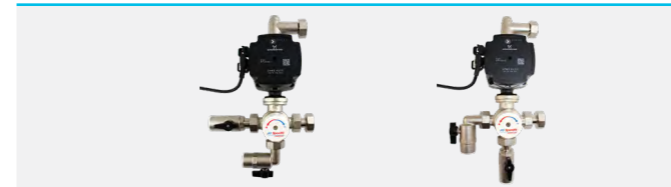
JG LowFit 12mm Stainless Steel Manifold

PART NUMBER	SIZE	PACK QTY
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JGLOWFITMAN2	2 Port	1
JGLOWFITMAN3	3 Port	1
JGLOWFITMAN4	4 Port	1
JGLOWFITMAN5	5 Port	1
JGLOWFITMAN6	6 Port	1
JGLOWFITMAN7	7 Port	1
JGLOWFITMAN8	8 Port	1
JGLOWFITMAN9	9 Port	1
JGLOWFITMAN10	10 Port	1
JGLOWFITMAN11	11 Port	1
JGLOWFITMAN12	12 Port	1

The manifolds are complete with adjustable flow gauge, drain valve and air bleed valve. They are pre-assembled on wall brackets and supplied with screws and plugs. Also supplied with 'STS' Pipe Inserts and Collet Clips.

Control Packs



UFH Thermomix Control Pack

PART NUMBER	PACK QTY
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JGCONTROL/5	1
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UFH Heat Pump Control Pack

PART NUMBER	PACK QTY
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JGCONTROL/HP	1
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Polybutylene Barrier Pipe Coils



JG Layflat® Polybutylene Barrier Pipe (LowFit)

PART NUMBER	SIZE MM X M	PACK QTY
12BPB-50C	12 x 50	1
12BPB-85C	12 x 85	1

Conduit Pipe & Elbows



JG LowFit Conduit Pipe

PART NUMBER	SIZE MM X M	PACK QTY
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12BLKCON-25C	12 x 25	1
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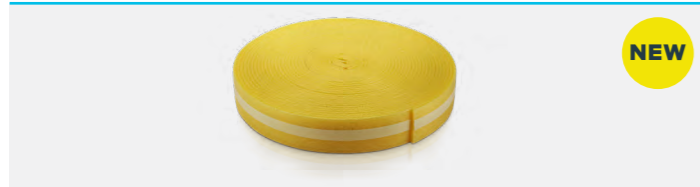
JG LowFit Conduit Elbow

PART NUMBER	SIZE MM	PACK QTY
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JGUFHCONELB12	12 x 12	10
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Underfloor LowFit 12mm System

Floor Panels, Boards & Installation Consumables



JG LowFit Edge Strip

PART NUMBER	SIZE MM X M	PACK QTY	BOX QTY
JGUFHEDGE12N	100 x 25	1	12



JG LowFit Castellated Floor Panel

PART NUMBER	SIZE MM	PACK QTY
JGLOWFIT16	1050 x 650 (for 12mm pipe)	16



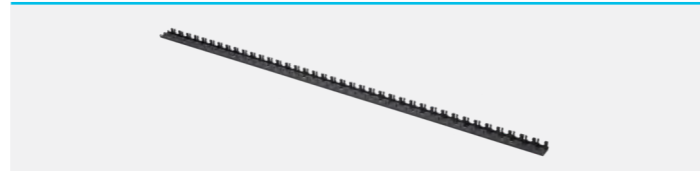
JG LowFit Foiled Panel

PART NUMBER	SIZE MM	PACK QTY
JGLOWFIT16F	1250 x 650 (for 12mm pipe)	10



JG LowFit Mesh Panel

PART NUMBER	SIZE MM	PACK QTY
JGLOWFIT16M	1250 x 600 (for 12mm pipe)	10



JG LowFit Mounting Rail

PART NUMBER	SIZE	PACK QTY
JGUFHRAIL12	1m	8



JG LowFit Support Elbow

PART NUMBER	PACK QTY
JGUFHSBEND12	50

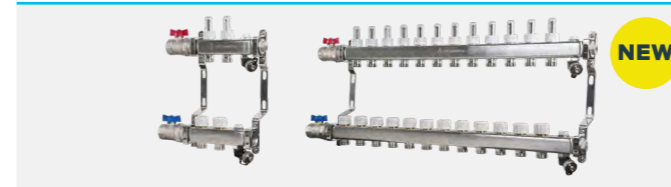


JG LowFit Manifold Reducer

PART NUMBER	SIZE MM	PACK QTY
ZRED100020	15 x 12	1

Underfloor Euroconus System

Stainless Steel Manifolds

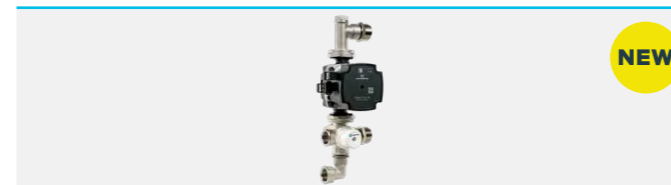


Euroconus System Stainless Steel Manifold

PART NUMBER	SIZE	PACK QTY
JGUFHMAN2E	2 Port	1
JGUFHMAN3E	3 Port	1
JGUFHMAN4E	4 Port	1
JGUFHMAN5E	5 Port	1
JGUFHMAN6E	6 Port	1
JGUFHMAN7E	7 Port	1
JGUFHMAN8E	8 Port	1
JGUFHMAN9E	9 Port	1
JGUFHMAN10E	10 Port	1
JGUFHMAN11E	11 Port	1
JGUFHMAN12E	12 Port	1

Euroconus fittings sold separately

Control Packs



Thermostatic Control Pack

PART NUMBER	DESCRIPTION	PACK QTY
JGCONTROL/E	JG Underfloor Mixer for Euroconus Manifold	1



UFH Heat Pump Control Pack

PART NUMBER	PACK QTY
JGCONTROL/HP	1

Spares & Accessories

Manifold Fitting & Component

PART NUMBER	DESCRIPTION
MKIT07	JG Underfloor Manifold Ball Valves (pair)
MKIT08	JG Underfloor Manifold Ball Valves Temperature Gauges (pair)
MKIT12	JG Underfloor Euroconus Fitting 16 x 2.0mm
MKIT16	JG Underfloor Euroconus Fitting 15 x 2.0mm
MKIT17	JG Underfloor Euroconus 12 x 1.8mm
MKIT09	Manifold Drain Valve
MKIT11	Manifold Flow Meter White
MKIT13	Pressure Gauge and Adaptor
MKIT05	Automatic Air Vent

PERT 16mm Pipe Coils



PERT 16mm Pipe

PART NUMBER	SIZE MM X M	PACK QTY
To be used with MKIT12:		
RVUFH16BPRT-120C	16 x 120	1
RVUFH16BPRT-240C	16 x 240	1
RVUFH16BPRT-600C	16 x 600	1

Underfloor Euroconus System

Polybutylene Barrier Pipe Coils



JG Layflat® Polybutylene Barrier Pipe

PART NUMBER	SIZE MM X M	PACK QTY
To be used with MKIT16:		
15BPB-50C	15 x 50	1
15BPB-85C	15 x 85	1
15BPB-100C	15 x 100	1
15BPB-120C	15 x 120	1
15BPB-150C	15 x 150	1
15BPB-300C	15 x 300	1
To be used with MKIT17:		
12BPB-50C	12 x 50	1
12BPB-85C	12 x 85	1

Conduit Pipe & Elbows



Conduit Pipe (Black)

PART NUMBER	SIZE MM X M	PACK QTY
15BLKCON-25C	15 x 25	1



Conduit Elbow

PART NUMBER	SIZE MM	PACK QTY
JGUFHCONELB	15 x 15	50
JGUFHCONELB12	12 x 12	10

Floor Panels, Boards & Installation Consumables



Pipe Staple

PART NUMBER	SIZE MM	PACK QTY
JGUFHSTAPLE60N	60	300
JGUFHSTAPLE40N	40	300



Staple Gun

PART NUMBER	PACK QTY
JGUFHGUN2	1

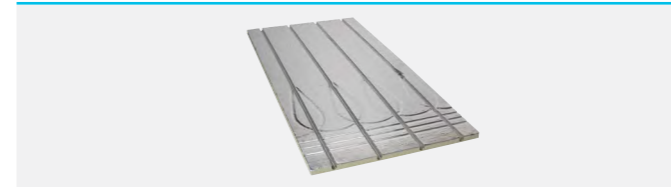


Edge Strip

PART NUMBER	SIZE MM X M	PACK QTY
JGUFHEDGE12N	120 x 25	1
JGUFHEDGE15N	150 x 25	1

Underfloor

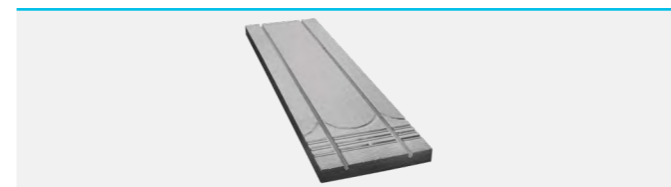
Floor Panels, Boards & Installation Consumables



Overfit® Board

PART NUMBER	SIZE MM	PACK QTY
JGUFHBOARD1	1250 x 600	10

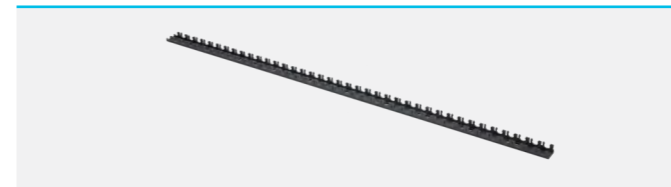
Used to install 15mm and 16mm underfloor heating pipe over an existing floor structure.



Underfit® Board

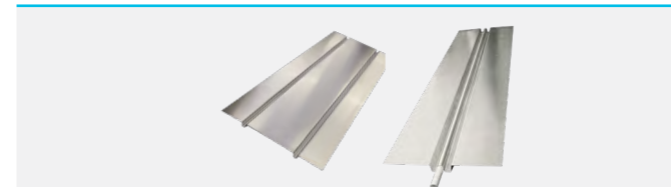
PART NUMBER	SIZE MM	PACK QTY
JGUFHBOARD2	1200 x 350	10

Used to install 15mm and 16mm underfloor heating pipe between existing joists.



Mounting Rail

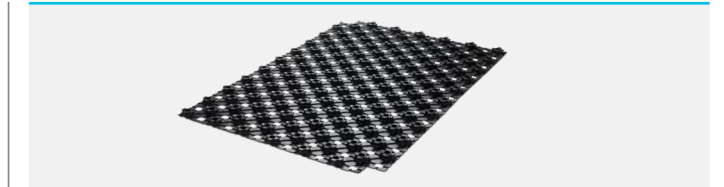
PART NUMBER	SIZE	PACK QTY
JGUFHRAIL12	1 metre long	8



Spreader Plate

PART NUMBER	SIZE MM	PACK QTY
JGUFHSP165*	165 x 1000	20
JGUFHSP400	390 x 1000	10

* FOR I BEAM JOISTS
Available in pack multiples only.



JG LowFit Castellated Floor Panel

PART NUMBER	SIZE MM	PACK QTY
JGLOWFIT16	1050 x 650 (for 12mm pipe)	16



JG LowFit Foiled Panel

PART NUMBER	SIZE MM	PACK QTY
JGLOWFIT16F	1250 x 650 (for 12mm pipe)	10



JG LowFit Mesh Panel

PART NUMBER	SIZE MM	PACK QTY
JGLOWFIT16M	1250 x 600 (for 12mm pipe)	10

Underfloor

Wired Thermostats & Timers



240v Wired Programmable Thermostat

PART NUMBER	DESCRIPTION	PACK QTY
JGSTAT4BL	Black	1
JGSTAT4W	White	1



240v Wired Hot Water Timer

PART NUMBER	DESCRIPTION	PACK QTY
JGTIME4BL	Black	1
JGTIME4W	White	1

Wired Accessories



240v Wiring Centre

PART NUMBER	PACK QTY
JGWC4	1

RF Wireless Thermostats



Battery Operated RF Programmable Thermostat

PART NUMBER	DESCRIPTION	PACK QTY
JGSTATRF4BBL	Black	1
JGSTATRF4BW	White	1



Underfloor Euroconus / Heating Control

PART NUMBER	DESCRIPTION	PACK QTY
JGSTATRF4BL	Black	1
JGSTATRF4W	White	1

RF Wireless Accessories



240v RF Gateway

PART NUMBER	PACK QTY
JGWAY1	1



240v RF Controlled Wiring Centre

PART NUMBER	PACK QTY
JGWCRF4	1

Spares & Accessories

Manifold Fitting & Component

PART NUMBER	DESCRIPTION
MKIT01	Red Manifold Flow Meter
MKIT11	White Manifold Flow Meter
MKIT02	Manifold Circuit Isolating Valve
MKIT03	Decorators Cap Return Manifold
MKIT05	Auto Air Vent
MKIT09	Manifold Drain Valve
MKIT13	JG Underfloor Pressure Gauge & Bush
MKIT07	JG Underfloor Manifold Ball Valves (pair)
MKIT08	JG Underfloor Manifold Ball Valves Temperature Gauges (pair)
MKIT12	JG Underfloor Euroconus Fitting 16 x 2.0mm
MKIT16	JG Underfloor Euroconus Fitting 15 x 2.0mm
MKIT17	JG Underfloor Euroconus Fitting 12 x 1.8mm
SPUFH1-H	Mixing Valve Unit
MVKIT04	Service Kit for JGCONTROL/5



Manifold Connection Kit

PART NUMBER	PACK QTY
MEXT452301	1



JG LowFit Manifold Reducer

PART NUMBER	SIZE MM	PACK QTY
ZRED100020	15 x 12	1



JG LowFit Support Elbow

PART NUMBER	PACK QTY
JGUFHSBEND12	50



Manifold Elbow Connector (Nickel Plated)

PART NUMBER	PACK QTY
JGUFHMANELB/2	1

Control Accessories



Probe

PART NUMBER	PACK QTY
JGPRB	1



Probe Box

PART NUMBER	PACK QTY
JGSB	1



Actuator Valve

PART NUMBER	PACK QTY
JGUFHA(240V)/2	1

240v Circuit Actuator Valve

Technical support and design

Get full technical backup before, during and after installation. Our experts can help you choose the right system.



System design service



CAD drawing and bespoke quote



Technical helpline



Installation videos and guides



Onsite technical guidance*



Free design and CAD drawing

Our CAD service simplifies planning. Designs are tailored to your requirements to maximise efficiency and performance. With one of the fastest turnaround times in the industry, you get a quick, detailed estimate. Send plans to: ufh@rwc.com

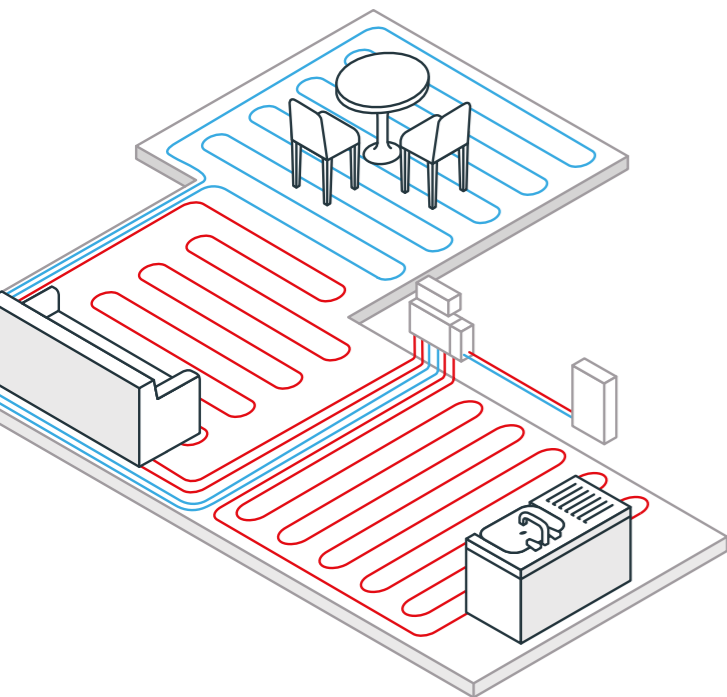
Placing an order

John Guest Underfloor is stocked in more plumbing & heating and builders' merchants than anyone else – including leading DIY stores.

1. Take your Estimated Materials List to your stockist
2. Agree your trade discount
3. Place your order

Need advice on stockists or discounts? For stockist or discount queries, speak to your area sales manager. CAD drawings can be requested once you place an order.

Find your local contact at jgunderfloor.com



*Available to first time installers and complex projects

Key information

Alongside our extensive product range, we provide dedicated support to help with project planning and installation.



Local support

Our sales managers, technical sales engineers and specification managers are available across the UK to offer on-the-ground project and product advice.

Contact your local representative directly or call:

01895 449233



Specification support

We provide expert specification services, including detailed product-selection guidance, take-offs, BIM resources and support with complex system requirements — helping ensure compliant, long-term performance.



Technical helpline

Our technical experts are available by phone to provide installation guidance and answer technical questions.

Technical helpdesk

01895 425333

Support hours

8am to 5pm, Monday to Friday



Online resources

Access installation guides, data sheets, videos, case studies, blogs and more online at johnguest.com



Accredited and assured

John Guest provides customers with complete confidence in its products and services. We achieve this through innovative products, industry-leading service and strict adherence to international standards.



BS EN ISO 9001

Demonstrates that an accredited quality management system is used to continually monitor and effectively manage our business, enabling consistent performance and service standards.



BS EN ISO 14001

Our internationally accredited environmental practices enable us to control, monitor and reduce waste and emissions, as well as conform to legal and regulatory requirements.



CE

The CE mark confirms products conform to all applicable European Directives and Regulations.



UKCA

The UK Conformity Assessed marking on our products shows our conformity to legislation in Great Britain. This replaces the European CE marking within England, Wales and Scotland.



BSI KITEMARK

This product certification scheme confirms that our products conform to the standards set out and are subject to regular testing, audits and inspections.



WRAS Approval

The WRAS approval certification mark demonstrates that products and systems have been assessed and comply with the UK Water Fittings Regulations.



Kiwa REG 4

The Kiwa REG 4 approval certification mark demonstrates that products and systems comply with the UK Water Fittings Regulations.



NSF REG 4 Approval

The NSF REG 4 approval certification mark demonstrates that products and systems have been assessed and comply with the UK Water Fittings Regulations.



TMV2 Scheme

TMV2 is a certification scheme designated for thermostatic mixing valves to be compliant with BS EN 111 (High Pressure) and or BS EN 1287 (Low Pressure) for use in domestic properties or other domestic type situations. The UK Building Regulations Part G requires mixing valves to be compliant to these standards to assure safety for users.



TMV3 Scheme

The TMV3 approval scheme is specifically for the healthcare sector. As the basis for this testing, it uses the NHS specification D08 and is equivalent to Kiwa Type 3.

About RWC

RWC is a global leader in engineered pipe connection technology and water control valves, supported by a family of innovation-driven brands.

With decades of engineering expertise, we design products that make plumbing and heating installations faster, safer and more reliable across residential and commercial buildings. As the group behind John Guest and other leading brands, RWC offers a broad portfolio backed by global support, rigorous testing and proven quality.

John Guest

In the UK and across Europe, John Guest is RWC's leading brand – providing trusted, high-quality solutions from a single supplier across pipe connection technologies, water control valves, underfloor heating and heating components.



Speedfit®

MDPE Compression

SharkBite®

Reliance

Underfloor



Environmental, Social and Governance (ESG)

At RWC we take action to reduce our environmental impact and strengthen our position as a product leader while caring for our people and local communities.

The sustainability program at RWC is centred on product leadership, a thriving workforce, and responsible manufacturing.

RWC strives for year-over-year progress on high-impact priorities that balance our responsibilities to the environment and our shareholders. We are working to integrate sustainability practices throughout our business, and we believe sustainable operations are vital to long-term success.

Discover the many ways we're making a difference.

Net Zero by 2050. Our global emissions aspiration.

Environmental

We're integrating sustainability into our manufacturing practices and our organisational culture.



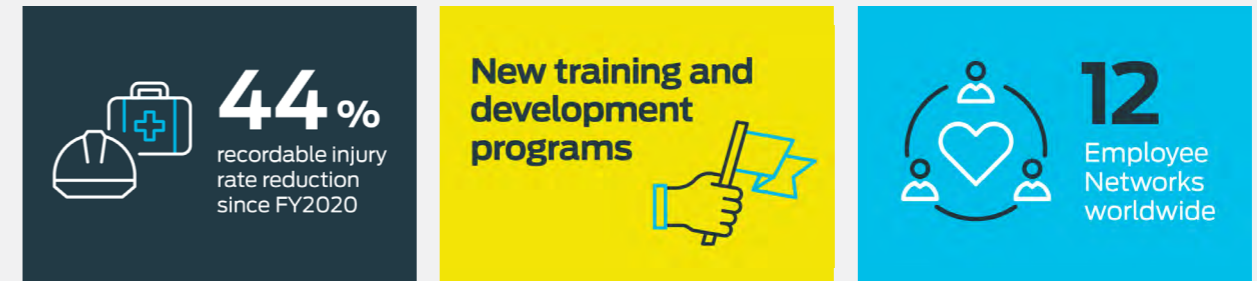
Greenhouse gas emissions
We set a target for Scope 1 and 2 emissions reduction that is aligned with the Paris Climate Agreement.

Exceeding reduction target
We achieved our 42% reduction target 5 years ahead of our 2030 goal.

Path to Net Zero
We implemented an actionable plan to decrease Scope 1 and 2 emissions through purchasing renewable energy and enhancing operational efficiency.

Social

Our social strategy is focused on creating a safe environment for our people and a positive impact in the communities where we operate and beyond.



Everyone Safe, Every Day
We've launched a multi-year program focusing on risk management, behavioural safety, standardised reporting and governance.

Talent development
We're investing in early career pipelines with our Plumbing Matters Scholarship, and expanding our employees' potential through growth programs and career coaching.

Employee support
Employee Networks are volunteer-led groups that play an important role in generating grassroots energy and driving engagement across our global footprint.

Governance

Sound governance and annual reporting will ensure transparency and accountability toward our identified targets. As best practices and international standards evolve, so too will our programme.



Enhancing oversight
An executive-level Sustainability Steering Committee supports the Board in exercising its oversight duties.

Rewarding sustainability
We have tied sustainability key performance indicators to the executive team's compensation.

Enterprise risk management
We evaluate climate-related risks and opportunities in order to build on our understanding of strategy and actions needed to remain resilient when facing effects of climate change.

Speedfit®

MDPE Compression

SharkBite®

Reliance

Underfloor

Technical information

RWC products, including John Guest, are specifically designed and manufactured to the technical specifications set out in our Technical Specification Guides on our website. All products should be selected, used and maintained in accordance with these technical specifications and checklists. It is the end user and specifiers' responsibility to ensure that products are suitable for their intended application, are properly installed and maintained, and are used in accordance with our technical guides. RWC operates a programme of continuous product development and therefore reserves the right to modify or amend the specification of our products without notice. All information in this publication is given in good faith and believed to be correct at the time of publication.