RWC

Solutions to Shape the World™



Welcome to our family of brands

UK plumbing and heating product guide
February 2020

Speedfit®

SharkBite®

Reliance® VALVES

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Reliance Valves

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Solutions to Shape the World™

One family of brands

RWC and its family of brands develop safe, sustainable and efficient solutions through a range of engineered and innovative products.

JG Speedfit, SharkBite and Reliance Valves offer a complete range of pipes, fittings and valves. They're designed to integrate, from boiler to point of use within the modern built environment.



JG Speedfit® SharkBite® Reliance® VALVES JG Underfloor

One complete solution

By harnessing our plastic and metal push-fit technology and world-leading water control valves, installers can be more efficient than ever before with a complete behind the wall plumbing solution from a single trusted manufacturer. But that's not all, we also have a wide range of energy-efficient and easy to fit underfloor heating solutions. From new build to repair, maintenance and renovation work, we've got everything you need to complete your job in no time.

JG Speedfit®

Plastic push-fit system

JG Speedfit's unique multi-seal technology provides fast, simple and secure connections that dramatically reduce the installation time of plumbing and heating systems when compared to traditional methods. Our products are fitted and dismounted without using tools and are suitable for hot and cold water applications and central heating systems.

SharkBite®

Brass push-fit fittings

By combining SharkBite and Speedfit you can now plumb and entire house using our push-fit technology. Designed to withstand high temperature and pressure, SharkBite quickly, easily and safely connects copper pipes directly to the boiler and integrates seamlessly with Speedfit for a complete behind the wall plumbing and heating system from one trusted manufacturer.

Reliance® VALVES

Water control valves

Reliance Valves specialise in water pressure, temperature and thermostatic mixing valves that protect and safeguard hot and cold water systems, while creating safe and comfortable homes and workspaces. Offering precise control of the delivery of water throughout domestic and commercial buildings, our valves come with a variety of end connections.

JG Underfloor

Push-fit underfloor heating solutions

JG Underfloor provides ultimate comfort and efficiency. Incorporating Speedfit technology, our wide range of underfloor heating solutions are fast and simple to install. And with JG Aura you also get stylish, easy to programme, smart heating controls. Underpinning our solution is an unrivalled support package from a free CAD and estimate service to onsite technical support for new installations.

Fitting the Future™

The world-leading plastic push-fit plumbing and heating system



Complete your installation in no time with JG Speedfit's wide range of fittings, pipe, tap connectors and service valves. Fast and simple to install, Speedfit creates a strong and reliable connection using a perfect blend of push-fit and multi-seal technology.

Fitted and dismounted without using tools, Speedfit fittings are compatible with copper or plastic pipe and come with a 50-year warranty* as standard. We also offer a range of flexible plastic pipe in a variety of sizes, which makes cabling in less accessible areas easier and reduces the number of joints or fittings needed. With push-fit tap connectors and service valves, installing and servicing fixtures and appliances is quick and easy too.

50 YEAR WARRANTY

FM01977

WRAS APPROVED PRODUCT

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

Features

- Instant push-fit connection and flexible pipe
- Collet with stainless steel teeth firmly grips pipe
- Dual O-Rings give a permanent leak-proof seal
- Twist and Lock increases the O-ring seal – a unique feature of JG Speedfit
- Lead free and non-toxic
- Corrosion free and no scale build up

Benefits

- High performance and durable solution
- Install, demount and refit in seconds without tools
- Safe, flame-free installation, with no hot works
- Less labour intensive, especially in tight spaces
- Less joints, less leaks, less call backs
- Safer cooler surface temperature

Plastic fittings

Equal Straight Connector



Part number	Size mm	Bag qty	Sml box	Lrg box
PEM0410W	10	10	150	
PEM0415W	15	10	60	400
PEM0422W	22	5	30	200
PEM0428W	28	2	10	

Reducing Straight Connector



Part number	Size mm	Bag qty	Box qty
PEM201510W	15 x 10	10	80
PEM202215W	22 x 15	5	40

Reducer



Part number	Size mm	Bag qty	Sml box	Lrg box
PEM061510W	15 x 10	10	150	1000
PEM062215W	22 x 15	10	70	
PEM062815W	28 x 15	5	40	
PEM062822W	28 x 22	5	30	

Equal Elbow



Part number	Size mm	Bag qty	Sml box	Lrg box
PEM0310W	10	10	150	1000
PEM0315W	15	10	50	400
PEM0322W	22	5	25	150
PEM0328W	28	2	10	

Reducing Elbow



Part number	Size mm	Bag qty	Box qty
PEM211510W	15 x 10	10	50
PEM212215W	22 x 15	5	40

135° Stem Elbow



Part number	Size mm	Bag qty	Box qty
PEM571515W	15	10	80
PEM572222W	22	5	30

Stem Elbow



Part number	Pipe mm	Stem mm	Bag qty	Sml box	Lrg box
PEM221010W	10	10	10	200	
PEM221015W	10	15	10	150	
PEM221515W	15	15	10	80	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	100	
PEM0215W	15	5	40	250
PEM0222W	22	5	15	100
PEM0228W	28	2	8	

Reducing Tee



Sizes listed as follows.
1 2
3

Part number	Size mm	Bag qty	Sml box	Lrg box
PEM3015BW	15 x 10 x 10	10	60	
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	

Stem Tee



Sizes listed as follows.
1 2
3

Part number	Size mm	Bag qty	Box qty
PEM532210W	22 x 22 x 10	5	30
PEM532215W	22 x 22 x 15	5	25

Straight Tap Connector



Part number	Size mm x bsp	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.

Female Coupler - Tap Connector



Part number	Size mm x bsp	Bag qty	Sml box	Lrg box
PSE3210W	10 x 1/2"	10	150	
PSE3201W	15 x 1/2"	10	100	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.

Bent Tap Connector



Part number	Size mm x bsp	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.

Stop End



Part number	Size mm	Bag qty	Sml box	Lrg box
PSE4610W	10	10	300	
PSE4615W	15	10	200	1000
PSE4622W	22	5	80	500
PSE4628W	28	5	50	

4-Way Manifold



Part number	Size mm	Bag qty	Box qty
SFM512210E	22 x 10	5	30

4 Port Rail Manifold



Part number	Size mm	Bag qty	Box qty
SFM522210E	22 x 10	10	22.97
SFM522215E	22 x 15	10	22.97

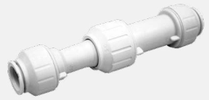
2-Way Divider



Part number	Size mm	Bag qty	Box qty
CM2315W	15	5	50

Hot and cold water only, 65ºC maximum.
Not suitable for central heating systems.

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.

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

Tank Connector



Part number	Size mm	Bag qty	Box qty
CM0715S	15	10	60
CM0722S	22	5	20
CM0728S	28	1	10

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

Plastic Back Plate Elbow



Part number	Size mm x bsp	Bag qty	Box qty
15PWB	15 x 1/2"	1	25

Hot and cold water only, 65ºC maximum.
Protect from sunlight and frost.

Wing Back Elbow



Part number	Size mm x bsp	Bag qty	Box qty
UGPWB1514	15 x 1/2"	1	150

Cold water only.

Plastic fittings

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, 65ºC maximum.

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

Connects imperial to metric pipe.

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, 65ºC maximum.

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, 65ºC maximum.

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, 65ºC maximum.

DZR brass fittings

Male Coupler



Part number	Size mm x bspt	Bag qty	Box qty
MW011504N	15mm x 1/2" BSPT	5	100
MW012206N	22mm x 3/4" BSPT	5	50
MW012808N	28mm x 1" BSPT	5	20

Part number	Size mm x bsp	Bag qty	Box qty
10MC(1/2)	10mm x 1/2" BSP	5	100
15MC(1/2)	15mm x 1/2" BSP	5	100
22MC(3/4)	22mm x 3/4" BSP	5	50
MW012818N	28mm x 1" BSP	5	20

Female Coupler



Part number	Size mm x bsp	Bag qty	Box qty
MW451514N	15 x 1/2"	5	50
MW452216N	22 x 3/4"	5	50

Back Plate Elbow



Part number	Size mm x bsp	Bag qty	Box qty
15WB	15 x 1/2"	1	20
22WB	22 x 3/4"	1	10
Short version			
15WB2	15 x 1/2"	1	25

Male Stem Adaptor



Part number	Size mm x bspt	Bag qty	Box qty
MW051504N	15 x 1/2"	5	100
MW052206N	22 x 3/4"	5	50
MW052818N	28 x 1" BSP	10	20

Converts Speedfit to male thread.

Fittings accessories

Female Stem Adaptor



Part number	Size mm x bsp	Bag qty	Box qty
MW501514N	15 x 1/2"	5	50
MW502216N	22 x 3/4"	5	50

Converts Speedfit to female thread.

Female Cylinder Adaptor



Part number	Size mm x bsp	Bag qty	Box qty
22CFA	22 x 1"	5	50

Male Cylinder Adaptor



Part number	Size mm x bsp	Bag qty	Box qty
22CMA	22 x 1"	5	50

Collets



Part number	Size mm	Pack qty
For PKM Fittings		
PXC10	10	20
PXC15	15	20
SPF22	22	20
PXC28	28	20
For PEM Fittings		
PXC10	10	20
PXC15	15	20
PXC22	22	20
PXC28	28	20

Collet Locking Clip



Part number	Size mm	Bag qty	Box qty
Grey			
CM1810S	10	100	2000
CM1815S	15	100	1000
CM1822S	22	100	1000
White			
CM1810W	10	100	2000
CM1815W	15	100	1000
CM1822W	22	100	1000
Red			
CM1810R	10	100	2000
CM1815R	15	100	1000
CM1822R	22	100	1000
Blue			
CM1810B	10	100	2000
CM1815B	15	100	1000
CM1822B	22	100	1000

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.

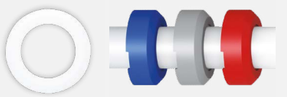
Release Aid



Part number	Size mm	Bag qty	Box qty
10RA	10	10	500
15RA	15	10	500
22RA	22	10	400
28RA	28	10	300

Allows a firmer grip on the collet when removing pipe.

Collet Cover



Part number	Size mm	Bag qty	Sml box	Lrg box
PKM1910W	10	100	500	
PKM1910R	10	100	500	
PKM1910B	10	100	500	
AM1915W	15	100	400	4000
PM1915R	15	100	400	
PM1915B	15	100	400	
AM1922W	22	50	200	2000
PM1922R	22	50	200	
PM1922B	22	50	200	

Suitable for central heating systems.
Available in white, red or blue.

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

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

Pipe

Layflat Pipe New





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

White PEX Barrier Pipe (coils)



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 (lengths)



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.

Red & Blue PEX Barrier Pipe (lengths)



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.

White Pipe In Pipe



Part number	Size mm x m	Pack qty
15PIP-50C-E	15 x 50	1
22PIP-50C-E	22 x 50	1

Conduit Pipe



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
Red		
15REDCON-50C	15 x 50	1
22REDCON-50C	22 x 50	1
Blue		
15BLUCON-50C	15 x 50	1
22BLUCON-50C	22 x 50	1

Pipe accessories

Pipe Insert



Part number	Size mm	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

Use to connect Speedfit Pipe to SharkBite Brass fittings, compression fittings or fittings from another manufacturer.

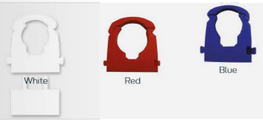
Superseal Pipe Insert



Part number	Size mm	Bag qty	Sml box	Lrg box
STS10	10	50	1000	12500
STS15	15	50	500	5000
STS22	22	25	250	2000
STS28	28	10	150	1000

Only to be used with Speedfit Pipe and Speedfit fittings together, to give enhanced sealing. Not recommended for use with SharkBite Brass fittings.

Pipe Clips & Spacers



Part number	Size mm	Bag qty	Box qty
White			
PC15W	15	50	200
PC22W	22	50	100
PC28W	28	20	80
PCSW		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

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

Conduit Elbow



Part number	Size mm	Bag qty	Pack qty
CONELB	Fits 10, 15 & 22mm	10	70

Cold Forming Bend



Part number	Size mm	Pack qty	Box qty
10CFB	10	10	200
15CFB	15		30
22CFB	22		10

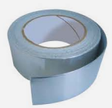
To help create a tighter bend than the minimum unsupported pipe.

Bending Spring



Part number	Size mm	Pack qty
JG-BS10	10	5
JG-BS15	15	5
JG-BS22	22	5

Foil Tape



Part number	Size mm x m	Pack qty
JGTAPE	50 x 45	8

Metallic tape to meet NHBC requirements for plastic pipe to be detected inside walls.

Pipe Cutter



Part number	Pack qty	Box qty
JG-TS	1	60

For up to 22mm size pipe.

Heavy Duty Pipe Cutter



Part number	Pack qty	Box qty
JGHDC	1	20

For up to 28mm size pipe.

Plastic 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.

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.

Appliance Tee



Part number	Size mm x bsp	Bag qty	Box qty
15APT2	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.

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".

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.

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.

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.
Each valve has red and blue indices.

Double Check Valve



Part number	Size mm	Bag qty	Box qty
15DCV	15	5	50

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

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.

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.

Service Valve with Tap Connector



Part number	Size mm x bsp	Bag qty	Box qty
15SVSTC	15 x 1/2"	5	50
15SVSTC-W	15 x 1/2"	5	50

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

Angle Service Valve with Tap Connector



Part number	Size mm	Bag qty	Box qty
15SVBTC	15 x 1/2"	5	50
15SVBTC-W	15 x 1/2"	5	50

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

DZR brass valves

Service Valve



Part number	Size mm	Bag qty	Box qty
15HSV-BRASS	15	1	20

Manifold



Part number	Description	Size mm x bsp	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.
Not Suitable for central heating systems.

Stop Valve



Part number	Size mm	Bag qty	Box qty
15BSC	15	1	10

Only suitable for central heating systems.

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.

Chrome plated valves

Service Valve



Part number	Size mm	Bag qty	Box qty
10HSV	10	1	30
15HSV	15	1	20
22HSV	22	1	8

Service Valve with Tap Connector



Part number	Size mm x bsp	Bag qty	Box qty
15PTSV	15 x 1/2"	1	20
22PTSV	22 x 3/4"	1	8

Ball Valve



Part number	Size mm	Bag qty	Box qty
10BV	10	1	30
15BV	15	1	20
22BV	22	1	15

Each valve has red and blue indices.

Radiator valves & outlet plates

Thermostatic Radiator Valve



Part number	Size mm	Pack qty	Box qty
JGTHRAD15	15	1	10

Lockshield Radiator Valve



Part number	Size mm	Pack qty	Box qty
JGRAD15	15	1	20

Radiator Outlet Plate

Part number	Bag 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.

Valve accessories

Identity Discs



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.

Reliance Valves with JG Speedfit connections

Easifit® Thermostatic Mixing Valve — COMING SOON



- 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

312 Compact Pressure Reducing Valve — COMING SOON



- 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 Speedfti 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

Cold - For up to 16 bar and 45ºC. Adjustable between 1.5 - 6.0 bar

Part number	Description	Size
PRED312100	312 Compact PRV with JG Speedfit connections	15mm
PRED312110	312 Compact PRV with JG Speedfit connections	22mm

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".

Automatic Air Vent — COMING SOON



- 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	Description	Size
AVEN300001	Automatic Air Vent with JG Speedfit connection	15mm

Nickel Plated Ball Valve for Water — COMING SOON



- 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

Braided flexible tap connectors

Speedfit x Union Nut



Part number	Size mm x bsp	Bag qty	Box qty
150mm			
FLX43P	15 x 1/2"	2	150
300mm			
FLX34P	10 x 1/2"	2	150
FLX35P	15 x 3/8"	2	150
FLX15P	15 x 1/2"	2	100
FLX16P	15 x 3/4"	2	100
FLX22P	22 x 3/4"	2	100
500mm			
FLX18P	15 x 1/2"	2	100
FLX20P	15 x 3/4"	2	80
FLX19P	22 x 3/4"	2	50
FLX23P*	22 x 3/4"	2	40
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 @ 65ºC.
*Full Bore

Speedfit x Union Nut with Service Valve



Part number	Size mm x bsp	Bag qty	Box qty
Plastic valve - 300mm			
FLX37P	15 x 1/2"	2	100
FLX39P	22 x 3/4"	2	50
Plastic valve with handle - 300mm			
FLX37-H	15 x 1/2"	2	100
FLX39-H	22 x 3/4"	2	50

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

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 with Metal Connections



Part number	Size mm x bsp	Bag qty	Box qty
Brass valve - 300mm			
FLX24P	15 x 1/2"	2	80
FLX25P	22 x 3/4"	2	30
Brass valve - 500mm			
FLX31P	15 x 1/2"	2	50
FLX38P	15 x 3/4"	2	50
FLX32P	22 x 3/4"	2	30

Not suitable for central heating.
Hot and cold water only, 10 Bar @ 85ºC, 12.5 Bar @ 20ºC.

Speedfit x Speedfit



Part number	Size mm x mm	Bag qty	Box qty
150mm			
FLX33P	15 x 10	2	150
FLX17P	15 x 15	2	100
FLX26P	22 x 22	2	60
500mm			
FLX21P	15 x 15	2	100
FLX27P	22 x 22	2	60
1000mm			
FLX47	15 x 15	5	25

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

Speedfit x Speedfit with Service Valve



Part number	Size mm x bsp	Bag qty	Box qty
Brass valve - 300mm			
FLX44P	15 x 15	2	80
Brass valve - 500mm			
FLX45P	15 x 15	2	60

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

Speedfit x Male



Part number	Size mm x bsp	Bag qty	Box qty
300mm			
FLX49	15 x 3/8"	25	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

Speedfit x Plain Stem



Part number	Pipe mm	Stem mm	Bag qty	Box qty
300mm				
FLX53	15	15	25	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

Elbow Pattern



Part number	Size mm x bsp	Bag qty	Box qty
300mm			
FLX36P	15 x 1/2"	2	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

For Monobloc Mixers



Part number	Size mm x male	Bag qty	Box qty
300mm			
FLX48	12 x M10	2	100
FLX28	15 x M10	2	100
FLX29	15 x M12	2	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

White flexible tap connectors

Speedfit x Union Nut



Part number	Size mm x bsp	Bag qty	Box qty
300mm			
WFLX15	15 x 1/2"	2	100
WFLX16	15 x 3/4"	2	100
WFLX22	22 x 3/4"	2	100
500mm			
WFLX18	15 x 1/2"	2	100
WFLX20	15 x 3/4"	2	100
WFLX19	22 x 3/4"	2	50
1000mm			
WFLX40	15 x 1/2"	1	20

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

Speedfit x Union Nut with Service Valve



Part number	Size mm x bsp	Bag qty	Box qty
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 @ 65ºC.

Speedfit x Union Nut with Service Valve Hand Tighten



Part number	Size mm x bsp	Bag qty	Box qty
Plastic Valves - 300mm			
PFLX37	15 x 1/2"	2	100
Plastic Valves - 500mm			
PFLX78	15 x 1/2"	2	80
Plastic Valve with Handle - 300mm			
PFLX37-H	15 x 1/2"	2	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

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

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

Speedfit x Plain Stem



Part number	Pipe mm	Stem mm	Bag qty	Box qty
200mm				
WFLX51	15	15	2	200

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

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 @ 65ºC.

Extra Flexi Speedfit x Hand Tighten



Part number	Size mm x bsp	Bag qty	Box qty
300mm			
PFLX88	15 x 1/2"	1	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

Elbow Pattern



Part number	Size mm x bsp	Bag qty	Box qty
300mm			
WFLX36	15 x 1/2"	2	100

Not suitable for central heating.
Hot and cold water only, 6 Bar @ 65ºC.

For Monobloc Mixers



Part number	Size mm x male	Bag qty	Box qty
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 @ 65ºC.

Cold water service fittings

(above and below ground)

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 6752 - 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 collect firmly grips pipe and has high resistance to pull out
- Lead free, non-toxic and biological growth resistant
- Lightweight and slimline

Equal Straight Connector



Part number	Size mm	Bag qty	Box qty
UG401B	20	1	100
UG402B	25	1	60
UG403B	32	1	40

Reducing Straight Connector



Part number	Size mm	Bag qty	Box qty
UG501B	25 x 20	1	80
UG502B	32 x 25	1	50

PE-Copper Coupler



Part number	Size mm	Bag qty	Box qty
UG601B	20 x 15	1	150
UG603B	25 x 15	1	100
UG602B	25 x 22	1	80
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.

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 ½" BSPT	1	80

Female 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

Equal Elbow



Part number	Size mm	Bag qty	Box qty
UG301B	20	1	100
UG302B	25	1	50
UG303B	32	1	30

Back 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

Wing Back Elbow



Part number	Size mm x bspt	Bag qty	Box qty
UGPWB1514	15 x 1/2"	1	150

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.

Equal Tee



Part number	Size mm	Bag qty	Box qty
UG201B	20	1	50
UG202B	25	1	40
UG203B	32	1	15

Reducing Tee



Sizes listed as follows.

1 ┬ 2

3

Part number	Size mm	Bag qty	Box qty
UG232AB	32 x 32 x 25	1	15

Reducer



Part number	Size mm	Bag qty	Box qty
UG063228B	32 x 28	1	75

Stop End



Part number	Size mm	Bag qty	Box qty
UG4620B	20	1	150
UG4625B	25	1	100

Stop Tap - MDPE x MDPE



Part number	Size mm	Bag qty	Box qty
UGSTV2020	20	1	40
UGSTV2525	25	1	30
UGSTV3232	32	1	15

Stop Tap - MDPE x Copper or PEX



Part number	Size mm	Bag qty	Box qty
UGSTV2515	25 x 15	1	40
UGSTV2522	25 x 22	1	40

The two Stop Taps for 15 or 22mm copper or PEX Pipe must not be buried directly into ground, soil, concrete or other substrates.

Plugs



Part number	Size mm	Bag qty	Box qty
UG801E	20	1	50
UG802E	25	1	40
UG803E	32	1	30

Pipe Insert



Part number	Size mm	Bag qty	Box qty
UTS147-DB	20	10	200
UTS197-DB	25	10	150
UTS251-DB	32	2	300

Imperial Converter

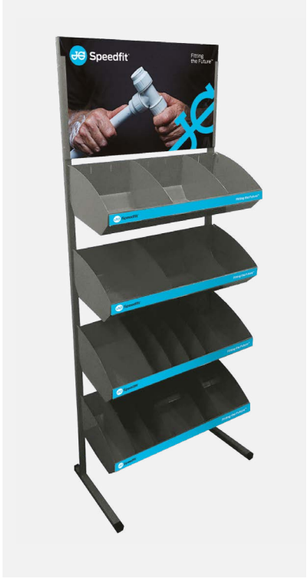


Part number	Stem mm	Pipe inch	Bag qty	Box qty
UGICO1	20	1/2"	1	100
UGICO2	25	3/4"	1	80

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.

Display stands

Fittings Display Stand



Part number	Size ft	Qty
JG-STAND/7	5.8' x 2.2'	1

This stand is supplied without product.

White Plastic Fitting Display Stand



Part number	Size ft	Qty
JG-STAND/C	5.8' x 2.2'	1

Each stand will include:
25x Trade Price Guides
Plus the following fittings:

Product	Size	Qty
Straight	15	120
Straight	22	60
Elbow	15	100
Elbow	22	50
Tee	15	80
Tee	22	30
Stop End	15	80
Stop End	22	30
Female Connector	15 x 1/2"	60
Female Connector	22 x 3/4"	25
Tap Connector	15 x 1/2"	30
Tap Connector	22 x 3/4"	25
Service Valve	15	30
Reducer	22 x 15	30
Reducing Tee	22 x 22 x 15	15
Washing Machine Tap	15 x 3/4"	20
Pipe Insert	15	500
Pipe Insert	22	250

Pre-Packed Fitting Display Stand



Part number	Size ft	Qty
JG-STAND/P	6' x 2'	1

Each stand will include:

Product	Size	Qty
Straight Connector	15	10
Straight Connector	22	10
Elbow	15	10
Elbow	22	10
Tee	15	10
Tee	22	10
Female Coupler/Tap Connector	15 x 1/2"	20
Female Coupler/Tap Connector	22 x 3/4"	20
Stop End	15	20
Stop End	22	20
Reducer	22 x 15	10
White Flexi Hose	15 x 1/2"	20
White Flexi Hose	22 x 3/4"	20
Washing machine Tap	15 x 3/4"	10
Service Valve	15	10
Pipe Insert	15	50
Pipe Insert	22	50
Pipe Cutter		1

Pipe not included.

Builders Merchant Display Stand



Part number	Size ft	Qty
JG-STAND/BM	6' x 2'	1

Each stand will include:
Literature Dispenser, Header Board and the following fittings:

Product	Size	Qty
Equal Straight Connector	25	5
Equal Elbow Connector	25	5
Equal Tee Connector	25	5
Imperial Converter	25 x 3/4"	5
Stop Cock	25 x 22	5
Stop Cock	25 x 15	5
PE-Copper Coupler	25 x 22	5
PE-Copper Coupler	25 x 15	5
End Stop	25	5
Wall Plate Elbow	25 x 1/2" BSP	5
Tube Support	25	50
300mm		
Flexi Hose FLX15P	15 x 1/2" BSP	10
Flexi Hose FLX16P	15 x 3/4" BSP	10
Flexi Hose FLX17P	15 x 15	10
Flexi Hose FLX22P	22 x 3/4" BSP	10

Blue MDPE Plastic Fittings Display Stand



Part number	Size ft	Qty
JG-STAND/UG2	6' x 2'	1

Each stand will include:
Header Board, Trade Price Guides and the following fittings:

Product	Size	Qty
Equal Straight Connector	20	6
Equal Straight Connector	25	6
Reducing Straight Connector	25 x 20	6
PE-Copper Coupler	20 x 15	6
PE-Copper Coupler	25 x 15	6
PE-Copper Coupler	25 x 22	6
PE-Copper Coupler	32 x 28	6
Equal Elbow	20	6
Equal Elbow	25	6
Equal Tee	20	6
Equal Tee	25	6
Stop End	20	6
Stop End	25	6
Back Plate Elbow	20 x 1/2" BSP	6
Back Plate Elbow	25 x 1/2" BSP	6
Stop Tap	25 x 15	4
Stop Tap	25 x 22	4
Stop Tap	25 x 25	4
Pipe Insert	20	60
Pipe Insert	25	60
Imperial Converter	20 x 1/2"	6
Imperial Converter	25 x 3/4"	6

Pre-packed products (product bags with instructions)
Fittings & valves

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

Reducing Straight Connector



Part number	Size mm	Bag qty	Box qty
PEM201510WP	15 x 10	1	250
PEM202215WP	22 x 15	1	200

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

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

Reducing Elbow



Part number	Size mm	Bag qty	Box qty
PEM211510WP	15 x 10	1	250
PEM212215WP	22 x 15	1	150

135° Stem Elbow



Part number	Size mm	Bag qty	Box qty
PEM571515WP	15	1	250
PEM572222WP	22	1	150

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

Reducing Tee



Sizes listed as follows.
1 — 2
3

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
PEM3028DWP	28 x 22 x 28	1	50

Stem Tee



Sizes listed as follows.
1 — 2
3

Part number	Size mm	Bag qty	Box qty
PEM532210WP	22 x 22 x 10	1	150
PEM532215WP	22 x 22 x 15	1	150

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 figures see Technical Checklist.

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.

Bent 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.

Stop End



Part number	Size mm	Bag qty	Box qty
PSE4610WP	10	1	500
PSE4615WP	15	2	600
PSE4622WP	22	2	400
PSE4628WP	28	1	200

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.

4 Way Manifold



Part number	Size mm	Bag qty	Box qty
SFM512210EP	22 x 10	1	150

4 Port Rail Manifold



Part number	Size mm	Bag qty	Box qty
SFM522210EP	22 x 10	1	50
SFM522215EP	22 x 15	1	40

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.

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

Brass Back Plate Elbow



Part number	Size mm x bsp	Bag qty	Box qty
15WBP	15 x 1/2"	1	25

Brass Male Cylinder Adaptor



Part number	Size mm x bsp	Bag qty	Box qty
22CMAP	22 x 1"	1	40

Brass Female Cylinder Adaptor



Part number	Size mm x bsp	Bag qty	Box qty
22CFAP	22 x 1"	1	30

Pre-packed products (single product bags with instructions)

Fittings & valves

Plastic 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, 65ºC maximum.

Plastic Service Valve with Tap Connector



Part number	Size mm x bsp	Bag qty	Box qty
15SVSTCP	15 x 1/2"	1	200
15SVSTC-WP	15 x 1/2"	1	200

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

Plastic Angle Service Valve with Tap Connector



Part number	Size mm x bsp	Bag qty	Box qty
15SVBTCP	15 x 1/2"	1	200
15SVBTC-WP	15 x 1/2"	1	200

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

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".

Plastic 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, 65ºC maximum.

Brass Stop Valve



Part number	Size mm	Bag qty	Box qty
15BSCP	15	1	10

Only suitable for central heating systems.

Plastic Appliance Tap



Part number	Size mm x bsp	Bag qty	Box qty
15APTP	15 x 3/4"	1	200

Not suitable for central heating systems.
Hot and Cold water only, 65ºC maximum.
For maximum torque figures on plastic thread, please see Technical Checklist.

Plastic 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, 65ºC maximum.
For maximum torque figures on plastic thread, please see Technical Checklist.

Plastic 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, 65ºC maximum.

Chrome Plated Brass Service Valve



Part number	Size mm	Bag qty	Box qty
10HSVP	10	1	50
15HSVP	15	1	50
22HSVP	22	1	20

Chrome Plated Brass Service Valve with Tap Connector



Part number	Size mm x bsp	Bag qty	Box qty
15PTSVP	15 x 1/2"	1	50
22PTSVP	22 x 3/4"	1	20

Chrome Plated Brass 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.

Pipe & accessories

Brass Drain Cock



Part number	Size mm	Bag qty	Box qty
15BDCP	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.

Plastic 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, 65ºC maximum.

White PEX Barrier Pipe (coils)



Part number	Size mm x m	Bag qty	Box qty
10BPEX-25C	10 x 25	1	20
15BPEX-25C	15 x 25	1	8
15BPEX-50C	15 x 50	1	5
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 (lengths)



Part number	Size mm x m	Box qty
15BPEX-20X2L	15 x 2	20
15BPEX-20X3L	15 x 3	20
22BPEX-20X2L	22 x 2	20
22BPEX-20X3L	22 x 3	20
28BPEX-10X3L	28 x 3	10

Straight lengths. 15 & 22mm in packs of 20. 28mm in packs of 10. Minimum order for 6m lengths is 10 packs.
* By special order only.

Pipe Insert



Part number	Size mm	Bag qty	Box qty
TSM10NP	10	10	5000
TSM15NP	15	10	3000
TSM22NP	22	5	1000
TSM28NP	28	5	500

To be used when connecting Speedfit Pipe to a compression fitting or fitting from another manufacturer.

JG Speedfit 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.



Superseal Pipe Insert



Part number	Size mm	Bag qty	Box qty
STS10P	10	10	5000
STS15P	15	10	3000
STS22P	22	5	1000

Only to be used with Speedfit Pipe and Speedfit fittings together, to give enhanced sealing.

Nail Clip



Part number	Size mm	Bag qty	Box qty
NPC10P	10	20	5000
NPC15P	15	20	2000
NPC22P	22	10	1000

Pipe Cutter



Part number	Bag qty	Box qty
JG-TS	1	60

For up to 22mm size pipe.

NEW

SharkBite®

The brass **push-fit solution with more bite**

SharkBite brass push-fit fittings are tough. Withstanding high temperature and pressure, SharkBite is ideal for connecting copper pipes directly to boilers. Made from DZR brass their sleek design means they also look good in front of the wall, too. They integrate seamlessly with our Speedfit behind the wall plumbing and heating system as well.

Using a simple push action, SharkBite is installed without the need for tools, soldering, crimping, clamps or glue, and is compatible with plastic or copper pipe.

25 YEAR WARRANTY

WRAS APPROVED PRODUCT



Features

- Instant push-fit connection
- Grab Ring with stainless steel teeth firmly grips pipe
- O-Ring ensures a leak-proof seal
- DZR Brass
- Electrically continuous material
- Sizes up to 54mm

Benefits

- Durable solution with high pressure and temperature rating
- Fast installation and secure demounting
- No tools, hot works, crimping or glue
- Easy to install, especially in tight spaces
- Looks good behind and in front of the wall

DZR brass fittings*

Coupling



Part number	Size mm	Bag qty
SB0110	10	5
SB0115	15	10
SB0122	22	5
SB0128	28	5
SB0135E	35	1
SB0142E	42	1
SB0154E	54	1

Reducing Coupling



Part number	Size mm	Bag qty
SB011510	15 x 10	5
SB012215	22 x 15	5
SB012822	28 x 22	1
SB013528E	35 x 28	1
SB014235E	42 x 35	1
SB015442E	54 x 42	1

Slip Coupling



Part number	Size mm	Bag qty
SB0115S	15	10
SB0122S	22	5
SB0128S	28	5
SB01355E	35	1
SB0142SE	42	1
SB0154SE	54	1

90º Elbow



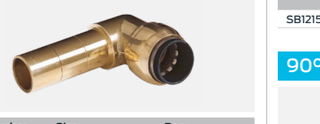
Part number	Size mm	Bag qty
SB0210	10	5
SB0215	15	10
SB0222	22	5
SB0228	28	5
SB0235E	35	1
SB0242E	42	1
SB0254E	54	1

45º Elbow



Part number	Size mm	Bag qty
SB0515	15	10
SB0522	22	5
SB0528	28	5
SB0535E	35	1
SB0542E	42	1
SB0554E	54	1

90º Street Elbow



Part number	Size mm	Bag qty
SB0215ST	15	5
SB0222ST	22	5
SB0228ST	28	5

45º Street Elbow



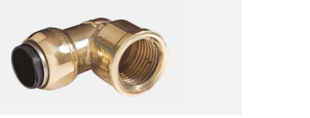
Part number	Size mm	Bag qty
SB0515ST	15	5
SB0522ST	22	5
SB0528ST	28	5

90º Male Elbow



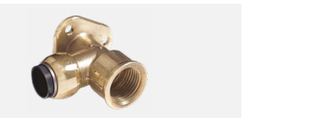
Part number	Size mm	Bag qty
SB121515M	15 x 1/2" BSP	5
SB122220M	22 x 3/4" BSP	5

90º Female Elbow



Part number	Size mm	Bag qty
SB121515F	15 x 1/2" BSP	5

90º Elbow with Back Plate



Part number	Size mm	Bag qty
SB121515FBP	15 x 1/2" BSP	5

Suitable for use with JG Speedfit pipe

* 15 to 28mm fittings connected to copper pipe are rated to 120ºC at 10.0 bar.

Equal Tee



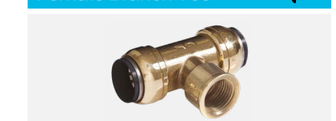
Part number	Size mm	Bag qty
SB0310	10	5
SB0315	15	10
SB0322	22	5
SB0328	28	1
SB0335E	35	1
SB0342E	42	1
SB0354E	54	1

Slip Tee



Part number	Size mm	Bag qty
SB0315S	15	1
SB0322S	22	1
SB0328S	28	1
SB03355SE	35	1
SB0342SE	42	1
SB0354SE	54	1

Female Branch Tee



Part number	Size mm	Bag qty
SB03151515F	15x 15 x 1/2" BSP	10

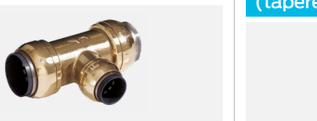
JG Speedfit Insert Guidance

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



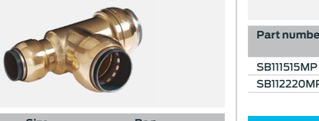
Part number	Size mm	Bag qty	Sml box	Lrg box
TSM10N	10	50	1000	20000
TSM15N	15	50	500	5000
TSM22N	22	25	250	2000
TSM28N	28	10	150	1000

Reduced Branch Tee



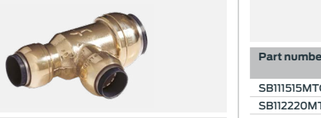
Part number	Size mm	Bag qty
SB03222210	22 x 22 x 10	1
SB03222215	22 x 22 x 15	5
SB03282815	28 x 28 x 15	5
SB03282822	28 x 28 x 22	5
SB03353515E	35 x 35 x 15	1
SB03353522E	35 x 35 x 22	1
SB03353528E	35 x 35 x 28	1
SB03424222E	42 x 42 x 22	1
SB03424228E	42 x 42 x 28	1
SB03424235E	42 x 42 x 35	1
SB03545428E	54 x 54 x 28	1
SB03545435E	54 x 54 x 35	1
SB03545442E	54 x 54 x 42	1

Reduced Run Tee



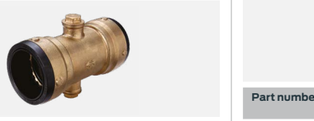
Part number	Size mm	Bag qty
SB03221522	22 x 15 x 22	5

Reduced Branch and Run Tee



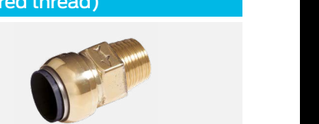
Part number	Size mm	Bag qty
SB03221515	22 x 15 x 15	5

Multi-Port Tee



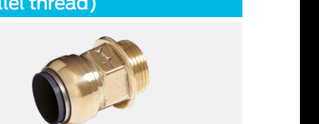
Part number	Size mm	Bag qty
SB0342MPE	42	1
SB0354MPE	54	1

Male Connector (tapered thread)



Part number	Size mm	Bag qty
SB111515MT	15 x 1/2" BSP	5
SB112220MT	22 x 3/4" BSP	5
SB112825MT	28 x 1" BSP	1
SB113532ME	35 x 1 1/4" BSP	1
SB114240ME	42 x 1 1/2" BSP	1
SB115450ME	54 x 2" BSP	1

Male Connector (parallel thread)



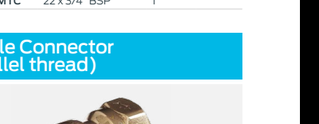
Part number	Size mm	Bag qty
SB111515MP	15 x 1/2" BSP	5
SB112220MP	22 x 3/4" BSP	5

Male Tank Connector



Part number	Size mm	Bag qty
SB111515MTC	15 x 1/2" BSP	1
SB112220MTC	22 x 3/4" BSP	1

Female Connector (parallel thread)



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
SB113532FE	35 x 1 1/4" BSP	1
SB114240FE	42 x 1 1/2" BSP	1
SB115450FE	54 x 2" BSP	1

DZR brass fittings*

Tap Connectors



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

End Stop



Part number	Size mm	Bag qty
SB0410	10	5
SB0415	15	10
SB0422	22	5
SB0428	28	5
SB0435E	35	1
SB0442E	42	1
SB0454E	54	1

Straight Reducing Tails



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

When connecting SharkBite Brass to Speedfit Pipe a standard Speedfit Insert (TSM) should be used. Speedfit Superseal Inserts (STS) should not be used.
Suitable for use with JG Speedfit pipe
* 15 to 28mm fittings connected to copper pipe are rated to 120°C at 10.0 bar.

Single Branch Manifold Tee



Part number	Size mm	Bag qty
SB012210022ST	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

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".

DZR brass 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" MBSP	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

Flexible tap connectors

Push-fit to Female BSP Flexible Connector



Part number	Size mm	Bag qty
300mm		
SB231530015F	15 x 1/2" BSP	1
SB231530020F	15 x 3/4" BSP	1
SB232230020F	22 x 3/4" BSP	1
500mm		
SB231550015F	15 x 1/2" BSP	1
SB231550020F	15 x 3/4" BSP	1
SB232250020F	22 x 3/4" BSP	1

Push-fit to Female BSP Flexible Connector.

Push-fit to Push-fit Flexible Connector



Part number	Size mm	Bag qty
300mm		
SB2315300015	15 x 15	1

Push-fit to Push-fit Flexible Connector.

Accessories

Combination Depth Markers & Disconnecting Clips



Part number	Size mm	Bag qty
SB2910	10	1
SB2915	15	1
SB2922	22	1
SB2928	28	1
SB2910-28	Full Set	1

Disconnecting Clips



Part number	Size mm	Bag qty
SB2935	35	1
SB2942	42	1
SB2954	54	1

Depth Marker



Part number	Size mm	Bag qty
SB2935-54	35 - 54	1

Disconnecting Tongs



Part number	Size mm	Bag qty
SB3010	10	1
SB3015	15	1
SB3022	22	1
SB3028	28	1

Silicon Lubricant Grease



Part number	Size	Bag qty
SBSG	100g	1

Reliance Valves with SharkBite connections

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 and HTM04-01-D08 compliant
- Flat faced union connections for ease of maintenance

Part number	Description	LPM	Size
SBHEAT110750	2-in-1 TMV with 15mm SharkBite	35 at 2.5 bar	15mm
SBHEAT110755	2-in-1 TMV with 22mm SharkBite	35 at 2.5 bar	22mm
SBHEAT110780	4-in-1 TMV with 15mm SharkBite	35 at 2.5 bar	15mm
SBHEAT110785	4-in-1 TMV with 22mm SharkBite	35 at 2.5 bar	22mm

Thermal Balancing Valve



- Easy temperature adjustment between 40 - 65ºC 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

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

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

For up to 25 bar and 70ºC. Adjustable between 1.0 - 6.0 bar

Part number	Description	Size
SBPRED314001	314 PRV with 15mm SharkBite	15mm
SBPRED314005	314 PRV with 22mm SharkBite	22mm

320 Easiset Pressure Reducing Valve



- High flow rate design
- Lift and turn' mechanism for ease of pressure adjustment
- One piece Easiset 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

Cold - For up to 16 bar and 45ºC. Adjustable between 1.5 - 6.0 bar

Part number	Description	Size
SBPRED320001	320 Cold PRV with 15mm SharkBite	15mm
SBPRED320005	320 Cold PRV with 22mm SharkBite	22mm

Hot - For up to 16 bar and 80ºC. Adjustable between 1.5 - 6.0 bar

Part number	Description	Size
SBPRED320050	320 Hot PRV with 15mm SharkBite	15mm
SBPRED320055	320 Hot PRV with 22mm SharkBite	22mm

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 - 65ºC 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 Easiset cartridge with fully serviceable strainer

Part number	Description	Size
SBTREG200001	TBV & PRV with 15mm SharkBite	15mm
SBTREG200002	TBV & PRV with 22mm SharkBite	22mm

Reliance® VALVES

World-leading control valves

Reliance Valves give you precise control over the delivery of water through a robust range of potable and non-potable plumbing products.

We specialise in water pressure, temperature and thermostatic mixing valves that protect and safeguard hot and cold water systems, creating safe and comfortable spaces where people live, work, learn and play.

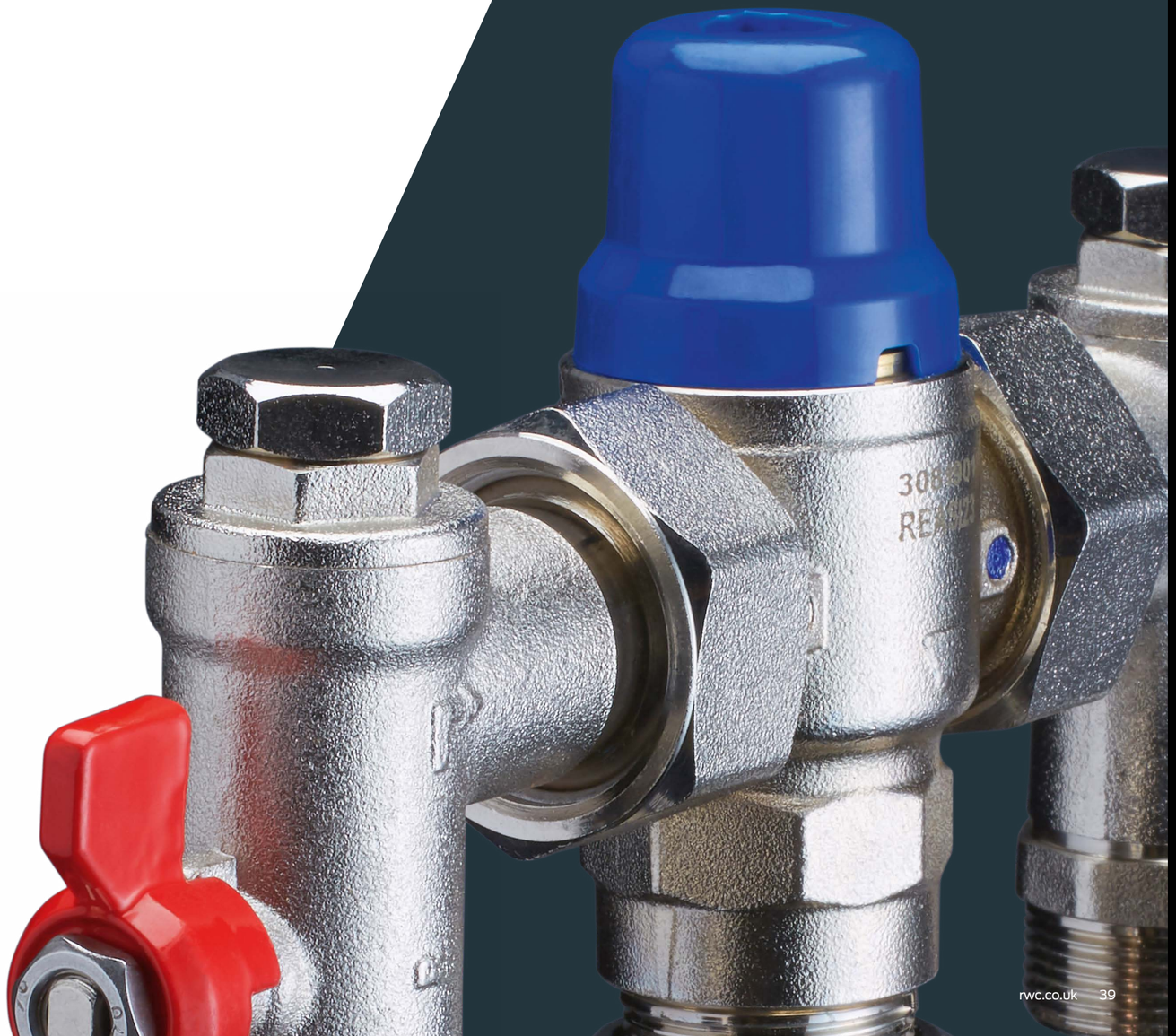
From compression to BSP thread and push-fit, our valves come with a variety of end connections, and are suitable for residential and commercial applications.

Features

- Trusted water control technology
- Temperature, pressure, balancing and mixing valves, plus more
- Versatile solutions from combination to speciality valves
- A wide range of ancillaries for sealed heating systems

Benefits

- Precise and consistent water temperature and pressure control
- Protects and optimises hot water systems
- Safeguards property and people
- Minimises water wastage and energy consumption





Temperature Control

Reliable water temperature control valves for optimum safety and comfort.

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"

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
HEAT110615	2-in-1 universal union	35 at 2.5 bar	15/22mm
HEAT110616	4-in-1 union	35 at 2.5 bar	15mm
HEAT110625	4-in-1 union	35 at 2.5 bar	22mm
HEAT110617	4-in-1 universal union	35 at 2.5 bar	15/22mm

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
SBHEAT135001	SharkBite	15mm

Ausimix® Compact



- Approved for Healthcare (TMV3) 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 4in1 fitting up to a cold tap

Part number	Model	LPM	Size
HEAT110751	2-in-1 telescopic	35 at 2.5 bar	15mm
HEAT110750	2-in-1 union	35 at 2.5 bar	15mm
HEAT110755	2-in-1 union	35 at 2.5 bar	22mm
SBHEAT110750	2-in-1 with SharkBite	35 at 2.5 bar	15mm
SBHEAT110755	2-in-1 with SharkBite	35 at 2.5 bar	22mm
HEAT110780	4-in-1 union	35 at 2.5 bar	15mm
HEAT110785	4-in-1 union	35 at 2.5 bar	22mm
SBHEAT110780	4-in-1 with SharkBite	35 at 2.5 bar	15mm
SBHEAT110785	4-in-1 with SharkBite	35 at 2.5 bar	22mm

Heatguard® BF2-2 Sports



- TMV2 designed specifically for group mixing applications
- Gives high flow rates on low pressure systems
- 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
HEAT115100	2-in-1 union	85 at 2.5 bar	22mm
HEAT115105	4-in-1 union	85 at 2.5 bar	22mm

Easifit® COMING SOON



- 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
HEAT155010	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 1¼" 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 ¼" FBSP

Heatguard® Planar



- Extremely stable mixed water temperature even under extreme or unusual supply conditions
- Quick reaction wax thermostats provide fine temperature control even with varying outlet flow rates
- Optional user-adjustable or lockable (and tamperproof) temperature controls gives complete flexibility to the end user
- High flow rates for valves in this class
- Polished chrome – ideal for front of wall installation

Part number	Model	Size
HEAT330100	330	22mm
HEAT430100	430	28mm
HEAT530100	530	28mm inlet x 35mm outlet

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 ¼" FBSP
MIX85004	850	260 at 2.5 bar	1 ½" FBSP
MIX86004	860	360 at 2.5 bar	2" FBSP

Heatguard®



- Pre-set and locked at 55ºC
- 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

Balancing & blending valves

Thermal Balancing Valves



- Easy temperature adjustment between 40 - 65ºC 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

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 - 60ºC 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

Service kits & spares

Service Kits

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
SKIT110610	Heatguard Dual and Ausimix 2-in-1 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	

Thermometers & Probes

Part number	Description
READ500005	Temperature readout with probe
PLUG500001	Temperature probe plug socket

Brass Adaptors

Part number	Description	Size
ZADP110780	Compressions brass adaptor	1/4" MBSP X 15mm

Keys

Part number	Description
ZKEY110001	Heatguard TMV3-8 temperature adjusting key

Caps

Part number	Description	Size
ZCAP160001	Heatguard TMV3-8 replacement cap	
ZCAP110600	Heatguard Dual replacement cap	15/22mm
ZCAP110700	Ausimix replacement cap	

Temperature Gauges

Part number	Description
GAGE100060	Spare temperature gauge

Insulation Cases

Part number	Description	Size
INSU100060	Insulation case for Thermal Balancing Valve	1/2"
INSU100065	Insulation case for Thermal Balancing Valve	3/4"



Flow Control

Precision controls to regulate water flow and pressure for safe operating conditions.

Pressure reducing valves

312 Compact

COMING SOON



- 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

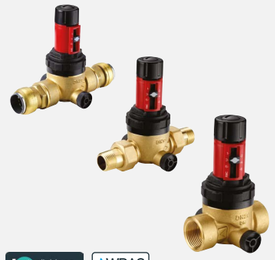
Cold - For up to 16 bar and 45ºC. Adjustable between 1.5 - 6.0 bar

Part number	Description	Size
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 80ºC. Adjustable between 1.5 - 6.0 bar

Part number	Description	Size
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

314 Dial-Up



- 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
- MBSP connection complete with union fitting for ease of servicing
- Can be installed in any orientation

For up to 25 bar and 70ºC. Adjustable between 1.0 - 6.0 bar

Part number	Description	Size
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 Easiset



- High flow rate design
- Lift and turn' mechanism for ease of pressure adjustment
- One piece Easiset 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

Cold - For up to 16 bar and 45ºC. Adjustable between 1.5 - 6.0 bar

Part number	Description	Size
PRED320001		1/2" FBSP
PRED320005		3/4" FBSP
PRED320003		1/2" MBSP
PRED320011		3/4" MBSP
PRED320010		15mm comp
PRED320015		22mm comp
SBPRED320001	With SharkBite	15mm
SBPRED320005	With SharkBite	22mm

Hot - For up to 16 bar and 80ºC. Adjustable between 1.5 - 6.0 bar

Part number	Description	Size
PRED320050		1/2" FBSP
PRED320055		3/4" FBSP
PRED320051		1/2" MBSP
PRED320056		3/4" MBSP
PRED320060		15mm comp
PRED320065		22mm comp
SBPRED320050	With SharkBite	15mm
SBPRED320055	With SharkBite	22mm

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

For use at temperatures up to 80ºC. Adjustable between 1.0 - 6.0 bar

Part number	Description	Size
PRED800015	With gauge	15mm comp
PRED800020	With gauge	22mm comp

Pressure reducing valves

315i Commercial



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

For up to 25 bar and 70ºC. Adjustable between 1.5 - 6.0 bar

Part number	Size
PRED315010	1/2" MBSP union
PRED315020	3/4" MBSP union
PRED315030	1" MBSP union
PRED315040	1 ¼" MBSP union
PRED315050	1 ½" MBSP union
PRED315060	2" MBSP union
PRED315070	15mm capillary
PRED315080	22mm capillary
PRED315090	28mm capillary
PRED315110	28mm comp

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

Gauges & cartridges

Replacement One Piece Cartridges



- 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 80ºC	1/2" and 3/4"
REDC624001	For 6247 for use up to 60ºC	DN65, DN80, DN100
REDC315010	For 315i for use up to 70ºC	1/2" and 3/4"
REDC315020	For 315i for use up to 70ºC	1"
REDC315030	For 315i for use up to 70ºC	1 ¼", 1 ½" and 2"

Pressure Gauges



- Wide selection to suit all applications
- Both PSI and BAR registered

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

Ball valves

Mini Isolating 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	Pressure	Size
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

Nickel Plated Ball Valve for Water

COMING SOON







- Range of full bore ball valves
- PN25/PN40 FBSP, JG Speedfit push-fit 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
BVAL400140	Female PN40 ball valve - blue handle	1/4"
BVAL400120	Female PN40 ball valve - blue handle	3/8"
BVAL400001	Female PN40 ball valve - blue handle	1/2"
BVAL400010	Female PN40 ball valve - blue handle	3/4"
BVAL400020	Female PN40 ball valve - blue handle	1"
BVAL400030	Female PN40 ball valve - blue handle	1 ¼"
BVAL400040	Female PN40 ball valve - blue handle	1 ½"
BVAL400050	Female PN40 ball valve - blue handle	2"
BVAL400130	Female PN25 ball valve - blue handle	2 ½"
BVAL400141	Female PN40 ball valve - red handle	1/4"
BVAL400121	Female PN40 ball valve - red handle	3/8"
BVAL400000	Female PN40 ball valve - red handle	1/2"
BVAL400011	Female PN40 ball valve - red handle	3/4"
BVAL400021	Female PN40 ball valve - red handle	1"
BVAL400031	Female PN40 ball valve - red handle	1 ¼"
BVAL400041	Female PN40 ball valve - red handle	1 ½"
BVAL400051	Female PN40 ball valve - red handle	2"
BVAL400131	Female PN25 ball valve - red handle	2 ½"
BVAL400060	Compression PN25 ball valve - blue handle	15mm
BVAL400200	Ball Valves with JG Speedfit connections (blue and red handles)	15mm
BVAL400070	Compression PN25 ball valve - blue handle	22mm
BVAL400210	Ball Valves with JG Speedfit connections (blue and red handles)	22mm
BVAL400080	Compression PN25 ball valve - blue handle	28mm
BVAL400090	Compression PN25 ball valve - blue handle	35mm
BVAL400100	Compression PN25 ball valve - blue handle	42mm
BVAL400110	Compression PN25 ball valve - blue handle	54mm
BVAL400061	Compression PN25 ball valve - red handle	15mm
BVAL400071	Compression PN25 ball valve - red handle	22mm
BVAL400081	Compression PN25 ball valve - red handle	28mm
BVAL400091	Compression PN25 ball valve - red handle	35mm
BVAL400101	Compression PN25 ball valve - red handle	42mm
BVAL400111	Compression PN25 ball valve - red handle	54mm

Isolating valves, strainers & manifolds

Protecto YC In-Line Strainer



- For protection of water systems from debris
- Compression connections for simple, low cost installation
- Access port to sleeve filter allows servicing without need to replace
- O-Ring seal on access port for ease of service
- Dual thickness gauze for improved resistance to damage
- Stainless steel 60 mesh filter

Part number	Description	Size
LINS400001	Class 3 in-line strainer	15mm
LINS400101	Class 3 in-line strainer, nickel plated	15mm
LINS400002	Class 3 in-line strainer	22mm
LINS400006	Class 3 in-line strainer	28mm

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
- Provides even distribution when supplying multiple outlets
- Precise flow control enables designers to size systems accurately
- 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	Litres per minute (LPM)	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 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".

Isolating valves, strainers & manifolds

Hoseguard® 1010 Bib Tap



- Combined double check valve hose union bib tap
- Prevents backflow contamination
- Hose tail outlet
- Built in test point and drain down facility
- Conforms to water supply (water fittings) regulations, section 6
- DZR brass body
- Fits directly into a wall-plate elbow

Part number	Size
HTAP217008	1/2" MBSP

Potable Water Manifolds



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

Part number	Description	Size
MANA500522	2 port cold water	15mm push-fit
MANA500523	3 port cold water	15mm push-fit
MANA500524	4 port cold water	15mm push-fit
MANA500552	Euroconus, 2 port	3/4"MBSP
MANA500553	Euroconus, 3 port	3/4"MBSP
MANA500554	Euroconus, 4 port	3/4"MBSP

Check valves

Floguard® Single Check Valves



- 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 contamination risks as per Water Supply (water fittings) Regulations 1999
- Available with a comprehensive selection of FBSP and compression connections

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 ¼" FBSP
FLOW235008	DZR brass	EB	1 ½" FBSP
FLOW235009	DZR brass	EB	2" FBSP

Floguard® Double Check Valves



- Double check valves protect against the risk of backflow and back-siphonage contamination
- Compact lightweight construction for easy installation
- Allows high flow rate with minimum pressure drop, giving good flow rates
- Ideal for all class 3 contamination risks as per Water Supply (water fittings) Regulations 1999
- Available with a comprehensive selection of FBSP and compression type connections
- Integral test point for monitoring functioning of the downstream check valve

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 ¼" FBSP
FLOW230009	DZR brass	ED	1 ½" FBSP
FLOW230010	DZR brass	ED	2" FBSP

Water meters

100 Single Jet Water Meter



- Scale resistant integral components give long life and accuracy
- Fully rotational dry dial enables easy reading of meter regardless of installation position
- Compact design for either vertical or horizontal installation
- Silent operation
- Upgradable after installation for pulse output and radio transmission

Cold - Dry dial (up to 30ºC)

Part number	Nominal flow	Size
WATM100001	1.5m3/h	1/2" MBSP union
WATM100004	2.5m3/h	3/4" MBSP union

Hot - Dry dial (up to 90ºC)

Part number	Nominal flow	Size
WATM110001	1.5m3/h	1/2" MBSP union
WATM11 0004	2.5m3/h	3/4" MBSP union

120 Single Jet Water Meter – Cold



- Scale resistant integral components give long life and accuracy
- Fully rotational dry dial enables easy reading of meter regardless of installation position
- Compact design for either vertical or horizontal installation
- Silent operation
- Upgradable after installation for pulse output and radio transmission

Pulse output, dry dial (up to 30ºC)

Part number	Nominal flow	Size
WATM120001	1.5m3/h	1/2" MBSP union
WATM120004	2.5m3/h	3/4" MBSP union

125 Single Jet Water Meter – Hot



- Scale resistant integral components give long life and accuracy
- Fully rotational dry dial enables easy reading of meter regardless of installation position
- Compact design for either vertical or horizontal installation
- Silent operation
- Upgradable after installation for pulse output and radio transmission

Pulse output (up to 90ºC)

Part number	Nominal flow	Size
WATM125001	1.5m3/h	1/2" MBSP union
WATM125004	2.5m3/h	3/4" MBSP union

210 Multi Jet Water Meter – Cold



- Highly accurate metering capability at very low flow rates
- Simple construction allows ability to cope with a wide range of water qualities
- Silent operation
- Supplied complete with nuts, tails and washers

Dry dial (up to 30ºC)

Part number	Nominal flow	Size
WATM210001	1.5m3/h	1/2" MBSP union
WATM210004	2.5m3/h	3/4" MBSP union
WATM210007	3.5m3/h	1" MBSP union
WATM210008	6.0m3/h	1 ¼" MBSP union
WATM210009	10.0m3/h	1 ½" MBSP union
WATM210010	15.0m3/h	2" MBSP union

Pulse output, dry dial (up to 30ºC)

Part number	Nominal flow	Size
WATM210050	1.5m3/h	1/2" MBSP union
WATM210053	2.5m3/h	3/4" MBSP union
WATM210056	3.5m3/h	1" MBSP union
WATM210057	6.0m3/h	1 ¼" MBSP union
WATM210058	10.0m3/h	1 ½" MBSP union
WATM210059	15.0m3/h	2" MBSP union



Combination & Specialist Valves

Time and space saving valves that increase performance and reduce water wastage.

Combination valves

Tenant® Valve Plus



- A space saving, compact water monitoring unit, ideal for apartment blocks and multi-occupancy buildings
- Consists of ball type isolating valve, pressure reducing valve, double check valve, test point and a connection point for RWC single jet water meter
- Also includes a unique, patented double reading pressure gauge to monitor both inlet and outlet pressures
- Single cartridge unit design ensures a quick and easy installation, reduced leakage potential and easy maintenance, saving cost
- Supplied pre-insulated further reducing installation time and cost
- For use up to 16.0 bar pressure and temperatures up to 80ºC
- Adjustable between 1.5 - 6.0 bar
- Adaptor available to allow for installation of class 'D' meter suitable for use as a primary charging meter
- Supplied complete with moulded insulation protection box

Part number	Description	Size
TVAP201001	Tenant Valve Plus	3/4" FBSP
TVAP201005	Tenant Valve Plus	1" FBSP
TADP200075	Class D water meter adaptor	

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 - 65ºC 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 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

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".

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

Compact

Part number	Description	Size
RPZV250001	RPZ Valve Backflow Preventer - STBA	1/2"
RPZV250005	RPZ Valve Backflow Preventer - STBA	3/4"

Commercial

Part number	Description	Size
RPZV255000	RPZ Valve Backflow Preventer - with Isolating Valves	1/2"
RPZV255005	RPZ Valve Backflow Preventer - with Isolating Valves	3/4"
RPZV255010	RPZ Valve Backflow Preventer - with Isolating Valves	1"
RPZV255015	RPZ Valve Backflow Preventer - with Isolating Valves	1 ¼"
RPZV255020	RPZ Valve Backflow Preventer - with Isolating Valves	1 ½"
RPZV255025	RPZ Valve Backflow Preventer - with Isolating Valves	2"

Leak protection valves

Safe T® Leakage Protection System



- Monitors system flow rates and times to identify leaks and isolates the system
- Holiday mode intensifies monitoring
- Multitude of programming options to suit all applications
- Optional floor sensor to detect even small leaks
- Docking point allows connection of other controls such as water filters, quickly and easily
- Minimises water damage if a leak occurs
- Universal flange allows for vertical or horizontal pipe installations
- Alarm can be set up for audio alert
- Battery or mains supply (with back-up battery)
- Low voltage supply

Part number	Description
PROT150001	Safe T Leakage Protection System

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
PUCFI00001	Pressure operated urinal flush valve

Spares

Spares for the Tenant® Valve Plus

Part number	Description
GAGE201001	Dual Reading Pressure Gauge For Tenant Valve Plus
WATM110700	Tenant Valve Assembly - Optional Class A cold water meter cartridge
WATM110750	Tenant Valve Assembly - Optional Class A hot water meter cartridge
PCAP110700	Tenant Valve Assembly - Retrofit clip-on pulse output cap for cold water
REDC201001	Adjustable Reducing Cartridge For Tenant Valve Plus
TCHK201001	Double check valve assembly for Tenant Valve Plus
INSU201001	Spare insulation for Tenant Valve Plus

Spares 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

Spares for the RPZ

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	

Spares for the Safe T® Leakage Protection System

Part number	Description	Size
DRUF500001	Universal Flange for Safe T Leakage Protection System	3/4"
DRUF500002	Universal Flange for Safe T Leakage Protection System	1"
DRUF500003	Universal Flange for Safe T Leakage Protection System	1 ¼"



Heating Ancillaries

Versatile solutions for the precise control and safety of sealed heating systems.

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 ¼" F x FBSP
PREL100023	3.0 bar	1" x 1 ¼" F x FBSP
PREL100025	4.0 bar	1" x 1 ¼" F x FBSP
PREL100027	5.0 bar	1" x 1 ¼" F x FBSP
PREL100032	2.5 bar	1 ¼" x 1 ¼" F x FBSP
PREL100033	3.0 bar	1 ¼" x 1 ½" F x FBSP
PREL100034	4.0 bar	1 ¼" x 1 ½" F x FBSP
PREL100036	5.0 bar	1 ¼" x 1 ½" F x FBSP
PREL100044	2.5 bar	1 ½" x 2" F x FBSP
PREL100041	3.0 bar	1 ½" x 2" F x FBSP
PREL100042	4.0 bar	1 ½" x 2" F x FBSP
PREL100046	5.0 bar	1 ½" x 2" F x FBSP
PREL100052	2.5 bar	2" x 2 ½" F x FBSP
PREL100049	3.0 bar	2" x 2 ½" F x FBSP
PREL100050	4.0 bar	2" x 2 ½" F x FBSP
PREL100055	5.0 bar	2" x 2 ½" 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
- Set relief pressure range from 2.0 bar - 3.0 bar gives flexibility of system design
- Available with FBSP/FBSP or MBSP/FBSP connections, for complete installation flexibility

Part number	Pressure	Size
PREL103003	3.0 bar	1/2" F x FBSP

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 - 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 - 8.0 bar

Part number	Pressure	Size
PREL104040	3.5 bar	1/2" x 3/4" FBSP x FBSP
PREL104041	5.0 bar	1/2" x 3/4" FBSP x FBSP
PREL104008	6.0 bar	1/2" x 3/4" FBSP x FBSP
PREL104006	8.0 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 ¼" FBSP x FBSP
PREL104001	5.0 bar	1" x 1 ¼" FBSP x FBSP
PREL104002	6.0 bar	1" x 1 ¼" FBSP x FBSP
PREL104017	8.0 bar	1" x 1 ¼" FBSP x FBSP
PREL104044	3.5 bar	1 ¼" x 1 ½" FBSP x FBSP
PREL104045	5.0 bar	1 ¼" x 1 ½" FBSP x FBSP
PREL104005	6.0 bar	1 ¼" x 1 ½" FBSP x FBSP
PREL104013	8.0 bar	1 ¼" x 1 ½" FBSP x FBSP
PREL104046	3.5 bar	1 ½" x 2" FBSP x FBSP
PREL104047	5.0 bar	1 ½" x 2" FBSP x FBSP
PREL104012	6.0 bar	1 ½" x 2" FBSP x FBSP
PREL104020	8.0 bar	1 ½" x 2" FBSP x FBSP
PREL104048	3.5 bar	2" x 2 ½" FBSP x FBSP
PREL104049	5.0 bar	2" x 2 ½" FBSP x FBSP
PREL104015	6.0 bar	2" x 2 ½" FBSP x FBSP
PREL104023	8.0 bar	2" x 2 ½" FBSP x FBSP

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 3.5-6.0 bar
- Maximum temperature of 110ºC

Part number	Pressure	Size
PREL107010	6.0 bar	1/2" FBSP x 1/2" FBSP
PREL107015	6.0 bar	1/2" MBSP x 1/2" FBSP
PREL107020	3.5 bar	1/2" MBSP x 15mm
PREL107025	5.0 bar	1/2" MBSP x 15mm

Pressure & temperature relief valves

TPR28 Pressure & Temperature Relief Valves



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

Part number	Probe	Pressure	Size
PTEM100050	195mm	7.0 bar	1" MBSP x 28mm

FVMX High Capacity Pressure & Temperature Relief Valves



- Protects against temperature rising above 95ºC
- 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 ¼" MBSP x 1" FBSP
PTEM600004	80mm	7.0 bar	1 ½" MBSP x 1 ½" FBSP
PTEM600005	65mm	7.0 bar	2" MBSP x 2" FBSP

Cash Acme Pressure & Temperature Relief Valves



- Protects against temperature rising above 95ºC
- Prevents over pressurisation
- Lever Top release mechanism
- Range of different pressure settings available

Part number	Probe	Pressure	Size
PTEM510001	95mm	6.0 bar	1/2" x 15mm
PTEM510002	95mm	7.0 bar	1/2" x 15mm
PTEM510003	95mm	10.0 bar	1/2" x 15mm

TPR15 Pressure & Temperature Relief Valves



- Protects against temperature rising above 95ºC
- Prevents over pressurisation
- Twist top cartridge design for easy servicing
- Complete with PTFE coating (some models)
- Range of different pressure settings and different probe lengths available

Part number	Probe	Pressure	Size
PTEM550852	95mm	7.0 bar	1/2" x 15mm
PTEM550853	95mm, PTFE coated	10.0 bar	1/2" x 15mm
PTEM550854	95mm, PTFE coated	7.0 bar	1/2" x 15mm
PTEM550856	95mm, PTFE coated	4.5 bar	1/2" x 15mm
PTEM550857	95mm, PTFE coated	6.0 bar	1/2" x 15mm
PTEM550870	40mm	7.0 bar	1/2" x 15mm
PTEM550951	195mm	7.0 bar	1/2" x 15mm
PTEM550953	195mm	7.0 bar	15mm x 15mm
PTEM550954	95mm	7.0 bar	15mm x 15mm
PTEM550955	195mm	10.0 bar	1/2" x 15mm

TPR22 Pressure & Temperature Relief Valves



- Protects against temperature rising above 95ºC
- Prevents over pressurisation
- Twist top cartridge design for easy servicing
- Complete with PTFE coating (some models)
- Range of different pressure settings and different probe lengths available

Part number	Probe	Pressure	Size
PTEM575200	95mm	4.5 bar	3/4" x 22mm
PTEM575205	95mm	7.0 bar	3/4" x 22mm
PTEM575210	95mm	10.0 bar	3/4" x 22mm
PTEM575250	195mm	7.0 bar	3/4" x 22mm

Pressure Relief Valve Cartridges



Heated System Replacement Cartridges

Part number	Pressure	Size
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

Part number	Pressure	Size
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 Tundishes



- Type AA backflow prevention
- Slimline design (some models)
- Straight or angled versions available
- Sizes from 15mm to 2½" FBSP

Part number	Description	Size
TUND219005	Straight plastic	15mm x 22mm
TUND218024	90 degree plastic	15mm x 3/4" FBSP
TUND218023	Straight plastic	22mm x 1" FBSP
TUND300003	Straight plastic	1 ¼" x 1 ½" FBSP
TUND300004	Straight epoxy steel	1 ½" x 2" FBSP
TUND300005	Straight epoxy steel	2 ½" x 3" FBSP

Expansion vessels

Aquasystem® Heating System Expansion Vessels



- Internal membrane prevents any water contact with the steel shell, stopping internal corrosion
- Huge choice of products from 2 litre to 1000 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
XVES100010	2 litre	Red	1.0 bar	3/4" MBSP
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 ¼" MBSP
XVES100160	750 litre	Red	1.5 bar	2" MBSP
XVES100170	1000 litre	Red	1.5 bar	2" MBSP

Aquasystem® Potable Water Expansion Vessels



- 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 5000 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 ¼" MBSP
XVES050140	300 litre	Blue	3.5 bar	1 ¼" MBSP
XVES050150	500 litre	Blue	3.5 bar	1 ¼" 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 Brackets



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

Expansion vessels

Aquasystem® Vessel Brackets



- Epoxy coated steel
- Complete with screws and wall plugs

Part number	Capacity	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

Aquasystem® Replacement Membranes – Potable Water





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
MEMB100050	35 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
MEMB200050	35 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	15.0 bar	1/2" MBSP
XVES050005	0.50 litre	10.0 bar	1/2" MBSP
XVES050006	1.00 litre	10.0 bar	1/2" MBSP
XVES050007	2.00 litre	10.0 bar	1/2" MBSP

Circulation control

Anti Legionella Valve



- Maintains circulation through an expansion vessel
- Prevents stagnation
- Easy to install
- Includes ball valve for simple maintenance
- Can be used on any standard vessel with 3/4" or 1¼" connection
- 1/4" drain plug
- 3/4" version includes rotatable tee-piece

Part number	Description	Size
ANTI100001	Anti Legionella Valve	3/4" FBSP
ANTI100005	Anti Legionella Valve	1 ¼" 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"
SB2315ST	Filling Loop with street ends and SharkBite	15mm

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 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

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".

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® Water Heater 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
COLK150010	2 litre, with check valve & pressure reducing valve
COLK150015	2 litre, with check valve, pressure reducing valve & relief valve

Zone valves & wiring centres

Two Port Zone Valves



- Easy to use clip-on detachable head
- Pre-moulded cables supplied to connect to motorised head
- Metal manual operating lever for strength and stability
- The motorised head can be retrofitted to other manufacturers valve bodies

Part number	Description	Size
ZONE250215	2 Port Zone Valve 28mm zone valve with detachable head and pre-wired cable	22mm
ZONE250305	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 Valves



- 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 COMING SOON



- 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

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"

Thermostats

Cylinder Thermostats



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

Part number	Description
STAT500025	Dual Thermostat 30-70ºC 85mm Probe no pocket
STAT500030	Single High Limit C/Out 82ºC Thermostat including pocket
STAT500040	Single Control Thermostat 30-90ºC including pocket
STAT900360	Contact Cylinder Thermostat
PCKT100005	Copper Pocket For Dual Thermostats (85mm)
PCKT100010	Copper Pocket For Single Thermostats

Touchscreen Programmable Thermostat



- Available in black or white finish to suit all interior designs
- Seven day setting with six programmable events in each day
- Precise temperature control to +/- 1ºC
- Ergonomic, unobtrusive, modern styling

Part number	Description
PROR100050	Touchscreen Programmable Thermostat - Black
PROR100055	Touchscreen Programmable Thermostat - White

Electronic Room Thermostat



- Manual, easy grip adjustment dial
- Audible on/off click
- Slimline design
- Volt free option
- Industry standard backplate for ease of installation
- Temperature control accuracy of +/- 0.6ºC
- Can produce energy savings of approximately 10% over and above those achieved by traditional units using older technology

Part number	Description
RSTA100005	Standard Electronic Room Thermostat with neon
RSTA100010	Standard Electronic Room Thermostat volt free

JG Underfloor

The ultimate in **comfort, efficiency and control**

JG Underfloor provides ultimate comfort and efficiency. Whether you are working on a new build project, renovating an existing space or adding an extension, we have a wide range of underfloor heating solutions that are fast and simple to install using Speedfit push-fit connections.

And with JG Aura smart controls, you get stylish, easy to programme thermostats and a choice of wired, wireless and networked options. For universal heating, combine our controls with JG Aura Wireless TRVs for the remote regulation of radiators, too.

All of our products are underpinned with unrivalled technical support from a free estimate and CAD service to technical support before, during and after install.

Features

- Preassembled, compact push-fit manifold and control pack
- Flexible pipe with a variety of pipe fixing systems
- Programmable JG Aura thermostats
- Wired, wireless and networked options
- Underfloor heating, boiler and/or radiator control
- Compatible with conventional or renewable heat

Benefits

- Energy efficient underfloor heating solution
- Fast and simple push-fit system using no tools
- Ultra flexible JG Layflat pipe for easy pipe laying
- Individual room control for increased comfort and reduced energy use
- Free JG Aura App for smart control on the move
- Less noise than conventional heating

50 YEAR WARRANTY
on all Speedfit fittings and pipe

5 YEAR GUARANTEE
on JG Aura heating controls and TRVs

2 YEAR GUARANTEE
on all manifolds and control packs

Manifolds & control packs

Manifold - Stainless Steel



Part number	Description	Pack qty
JGUFHMAN2/2	2 Zone	1
JGUFHMAN3/2	3 Zone	1
JGUFHMAN4/3	4 Zone	1
JGUFHMAN6/3	6 Zone	1
JGUFHMAN8/3	8 Zone	1
JGUFHMAN10/3	10 Zone	1
JGUFHMAN12/3	12 Zone	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.

Manifold Extension Kit - Nickel Plated



Part number	Pack qty
MEKIT01/2	1

Thermomix Control Pack - Nickel Plated



Part number	Pack qty
JGCONTROL/5	1

Actuator Valve



Part number	Pack qty
JGUFHA(240V)/2	1

240v Circuit actuator valve.

Fixing systems

Pipe Staples



Part number	Size mm	Pack qty
JGUFHSTAPLE	60	300
JGUFHSTAPLE40	40	300

Staple Gun



Part number	Pack qty
JGUFHGUN	1

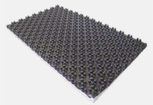
Mounting Rail & Pins



Part number	Size	Pack qty
JGUFHRAIL	2 metre long	16
JGUFHPIN		100

Available in pack multiples only.

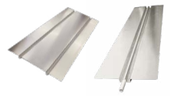
Floor Panels



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.

Spreader Plates



Part number	Size mm	Pack qty
JGUFHSP400	390 x 1000	10
JGUFHSP250	390 x 250	10
JGUFHSP165*	165 x 1000	20

* FOR I BEAM JOISTS
Available in pack multiples only.

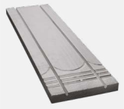
Overfit® Board



Part number	Size mm	Pack qty
JGUFHBOARD1	1250 x 600	10

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

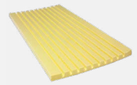
Underfit® Board



Part number	Size mm	Pack qty
JGUFHBOARD2	1200 x 350	10

Used to install underfloor heating pipe between existing joists.

Pre-Grooved Transition Board



Part number	Size mm	Pack qty
JGUFHBOARD3	1250 x 600	5

Used for the transfer of pipes from manifold to rooms intended to heat.

Piping accessories

Floor Clip



Part number	Pack qty
JGUFHCLIP	100

Available in pack multiples only.

Fixing Tool



Part number	Pack qty
JGUFHTOOL	1

For easy fixing of floor clips.

Edge Strip



Part number	Size	Pack qty
JGUFHEDGE	25 metre roll	1

JG Layflat® Polybutylene Barrier Pipe



Part number	Size mm x m	Pack qty	Box qty
15BPB-25C	15 x 25	1	8
15BPB-50C	15 x 50	1	6
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	4

Speedfit PEX Barrier Pipe



Part number	Size mm x m	Pack qty	Box qty
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

Manifold Elbow Connector - Nickel Plated



Part number	Pack qty
JGUFHMANELB/2	1

Conduit Elbow



Part number	Pack qty
JGUFHCONELB	50

Service kits & spares

Spare Parts for Manifolds Launched April 2014

Part number	Description
MKIT01	Manifold Flow Meter
MKIT02	Manifold Circuit Isolating Valve
MKIT03	Decorators Cap Return Manifold
MKIT04	Drain Valve
MKIT05	Auto Air Vent
MKIT06	Manual Air Vent
MVKIT01	22mm Angle Ball Valve
MVKIT02	22mm Straight Ball Valve
MVKIT03	Service Kit for JGCONTROL/4
PUMP-GA	6M 'A' Rated Grundfos Pump

Spare Parts for Manifolds Prior to April 2014

Part number	Description
SPUFH7	Manifold Ball Valve - Red
SPUFH8	Manifold Ball Valve - Blue
SPUFH9	Drain/Filling Valve
SPUFH11	Manifold Isolating Valve
SPUFH13	UFH Air Vent
SPUFH14	PTFE Washer
SPUFH15	Service Kit - JGCONTROL/2
SPUFH16	Service Kit - JGROOMPACK
SPUFH17	Connection Box - STAT

JG Aura wireless range

JG Aura Wireless Thermostat - 230v



Part number	Description	Pack qty
JGSTATW2W	White	1
JGSTATW2B	Black	1

JG Aura Wireless Thermostat - Battery



Part number	Description	Pack qty
JGSTATW1W	White	1
JGSTATW1B	Black	1

JG Aura Hub



Part number	Pack qty
JGHUB2	1

JG Aura Wireless Coordinator



Part number	Pack qty
JGCO	1

JG Aura Wireless Boiler Receiver



Part number	Pack qty
JGBR	1

JG Aura Wireless 8 Zone Wiring Centre



Part number	Pack qty
JGWCW	1

JG Aura Hub User Licence



Part number	Pack qty
JGHUB1	1

Probe



Part number	Pack qty
JGPRB	1

Probe Box



Part number	Pack qty
JGSB	1

JG Aura Wireless TRV



Part number	Pack qty
JGTRV	1

JG Aura App



The JG Aura App is compatible with iOS, Android and Windows devices

JG Aura 230v range

JG Aura 230v Thermostat



Part number	Description	Pack qty
JGSTAT2W	White	1
JGSTAT2B	Black	1

To enable the Group Control functionality it is essential that a 0.5mm 2 core data cable is utilised within the wiring process. The optional data cable will not be required if the thermostats are to be used as individual Programmable Room Thermostats.

JG Aura 230v Dial Thermostat



Part number	Pack qty
JGSTAT1	1

JG Aura 230v 8 Zone Wiring Centre



Part number	Pack qty
JGWC	1

Single room packs

Control Unit



Part number	Pack qty
JGROOMPACK/3	1

For single room conservatories or room extensions up to 30m².

Single Room Underfloor Heating Pack 20m²



Part number	Pack qty
JGUFHPACK20/4	1

For conservatories or room extensions up to 30m².

Each pack will include:

Product	Qty
15mm x 150m Coil of Pipe	1
Single Room Control Unit	1
JG Aura Programmable 230v Room Thermostat	1
15mm Pipe Clips	200
15mm Pipe Inserts	2

Single Room Underfloor Heating Pack 30m²



Part number	Pack qty
JGUFHPACK30/4	1

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 Aura Programmable 230v Room Thermostat	1
15mm Pipe Clips	300
15mm Pipe Inserts	8
15mm Speedfit Equal Tees	2
15mm Speedfit Stem Elbows	2

Wireless Single Room Underfloor Heating Pack



Part number	Pack qty
JGUFHWPACK30/4	1

For conservatories or room extensions up to 30m².

Each pack will include:

Product	Qty
Control Unit	1
JG Aura Programmable 230v Room Thermostat	1
Wireless Boiler Receiver	1
Wireless Coordinator	1
15mm x 100m Coils of Pipe	2
15mm Pipe Clips	300
15mm Pipe Inserts	8
15mm Speedfit Equal Tees	2
15mm Speedfit Stem Elbows	2

Please Note: The additional purchase of the JG Hub will allow Internet Facility.

Key information

Conditions of sale
All purchases are subject to our standard terms and conditions of sale, which can be found on speedfit.co.uk and rwc.co.uk (Reliance Valves and SharkBite). Prices are subject to VAT at the current rate.

Technical information
RWC and its family of products are specifically designed and manufactured to the technical specifications set out in our Technical Specification Guides on our websites. All products should be selected, used and maintained in accordance with these technical specifications and checklists. It is the end users 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 going to print.

Technical support
At RWC, we provide installers all the support they need – before, during and after installation.

Technical helpline
Our experts are only a phone call away to provide technical advice and answer installation enquiries

Support on your doorstep
Boasting one of the largest technical sales teams in the UK, we offer free specification, technical support and advice

Videos and guides
Handy install and homeowner guides

Free underfloor heating design and estimate
Design led solutions with easy to follow CAD

Instant online estimator
Create instant quotes online at JGunderfloor.co.uk

Orders & enquiries

01895 449233

Our sales managers are on hand throughout the UK to discuss product selection and specification. Contact your local representative directly or call us.

Technical helpdesk

01895 425333

Support hours
8am to 5pm
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