



Commercial Water Control Valves & Components

UK product guide
May 2024



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RWC family of brands

Discover more about our growing family of integrated brands, brought together by leading global plumbing group RWC. Explore our range of solutions sharing the same DNA of trusted, time-saving innovation and precision-engineered reliability.

RWC's family of brands are connected by the design ethos of making lives easier, safer and more sustainable for the delivery of water and fluids. Our high-quality products are widely available through an extensive network of stockists and our expert team is always on hand to discuss your specialist requirements.



John Guest®

Push-fit connectors and systems for plumbing, drinks dispense, water treatment, compressed air, telecoms, automotive and OEMs.



Speedfit®

A complete plastic push-fit plumbing system for hot and cold water and central heating applications.



Reliance® VALVES

Water control valves for plumbing, heating and chilled water, including pressure, temperature and specialist combination valves.



SharkBite®

Brass push-fit connectors for plumbing, as well as brass fittings and aluminium pipe for compressed air and pneumatics.

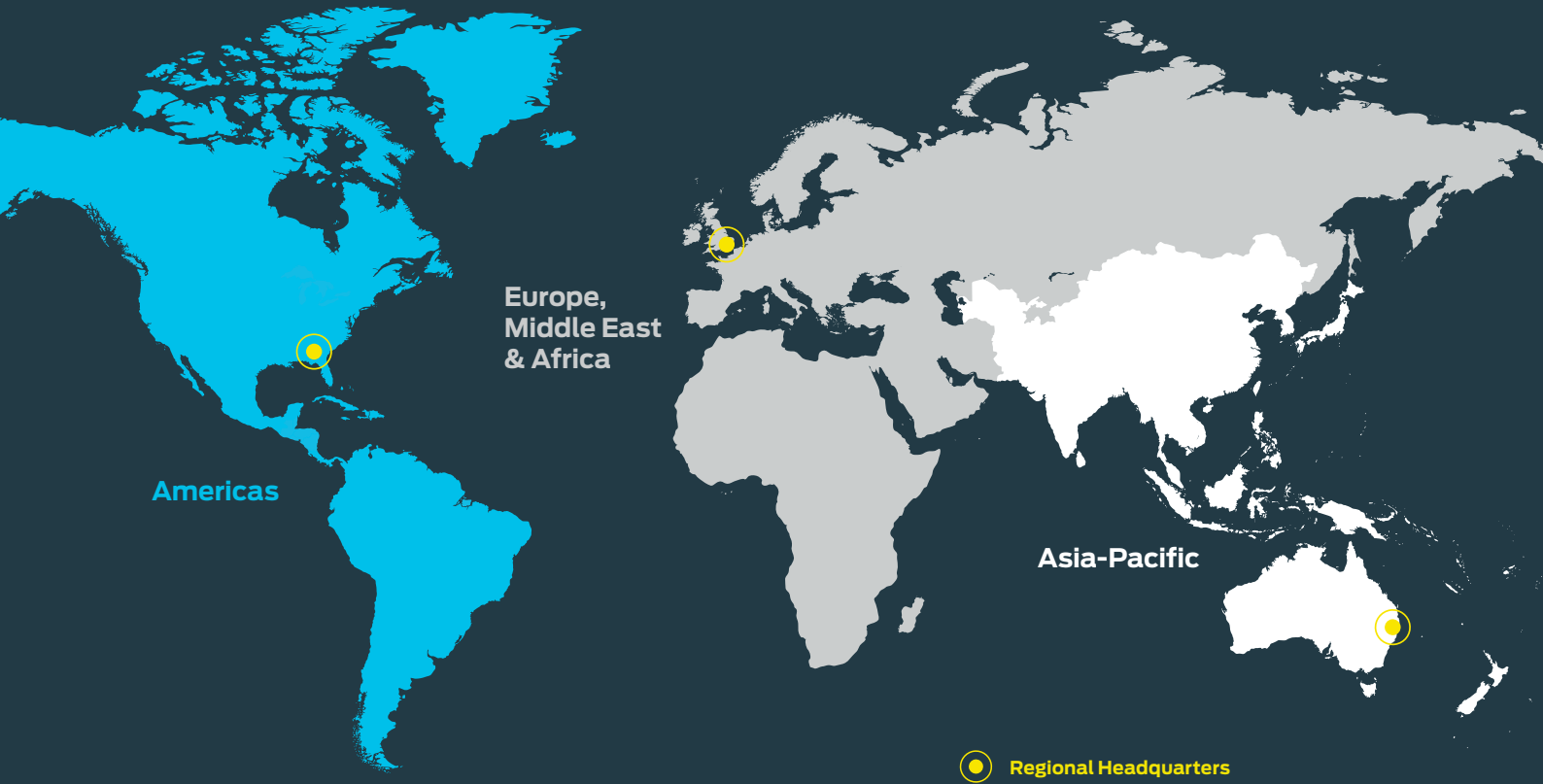
Our brand story

The Reliance name in water control valves was born in 1949 with a passion to protect people and property. As the business grew, we developed many industry-leading innovations, including pressure reducing valves and the first low pressure relief valve, as well as the world's first packaged unvented heating storage system that would go on to transform the industry.

Fast forward to today and Reliance Valves is a global brand focusing on the design and manufacture of valves for the control of water pressure, temperature and flow, plus components for sealed heating systems.

Our innovative spirit continues, with new products developed to make lives easier, safer and ever more reliable.





\$1.2 billion +
group turnover

58
global locations

29
distribution hubs

60+
countries served
worldwide

Billions
of our products are
used worldwide

14
manufacturing
plants

5
innovation centres

Environmental, Social and Governance (ESG)



Environmental

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

42%
reduction in Scope 1 and 2 emissions by 2030

Greenhouse gas emissions

We have set targets for Scope 1 and 2 emissions reduction that are aligned with the Paris Climate agreement.

Net zero
Scope 1 and 2 by 2050

Plan in place

We have developed an actionable plan for decreasing Scope 1 and 2 emissions that includes purchasing renewable energy and enhancing operational efficiency.

28%
reduction in Scope 1 and 2 emissions in FY23 compared to FY21 baseline

Path to Net Zero

We have significantly reduced our Scope 1 and 2 emissions by purchasing renewable energy and investing in efficient manufacturing equipment.

Social

Our social strategy is focused on a safe environment for our people that actively promotes diversity, equity and inclusion. We're also committed to supporting our communities around the world.

22%
reportable injury rate reduction since FY20

Everyone Safe, Every Day

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

40/40/20
is our gender diversity goal

Gender diversity

We have set ambitious gender diversity goals across the business.

10
Employee Resource Groups (ERGs) worldwide

Employee support

ERGs are volunteer-led groups that play an important role in generating grassroots energy and driving engagement in a diverse, inclusive workplace.

Governance

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

ESG
executive-level steering committee created

Enhancing oversight

A new executive-level ESG steering committee supports the Board in exercising its ESG duties.

ESG KPIs
established for the executive team

Rewarding ESG

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

Climate-related risks and opportunities

Enterprise risk management

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

Discover our range

Reliance Valves is the world's leading manufacturer of water control valves. The high-quality valves give you precise control over the delivery of water through a robust range of potable and non-potable plumbing and heating products.

We specialise in water pressure and temperature control valves that protect and safeguard hot and cold water systems, creating safe and comfortable spaces where people live, work, learn and play. Our innovative combination valves reduce installation time, labour and cost demonstrating our commitment to developing cutting-edge plumbing solutions.

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

Whether you are an architect, specifier or contractor, our national network of specification managers can assist you in finding the best solution to suit your individual project needs.





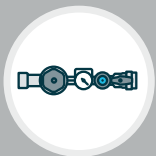
Temperature control

Reliable and consistent temperature control valves providing optimal safety and comfort, including thermostatic mixing valves as well as tempering, balancing and blending valves.



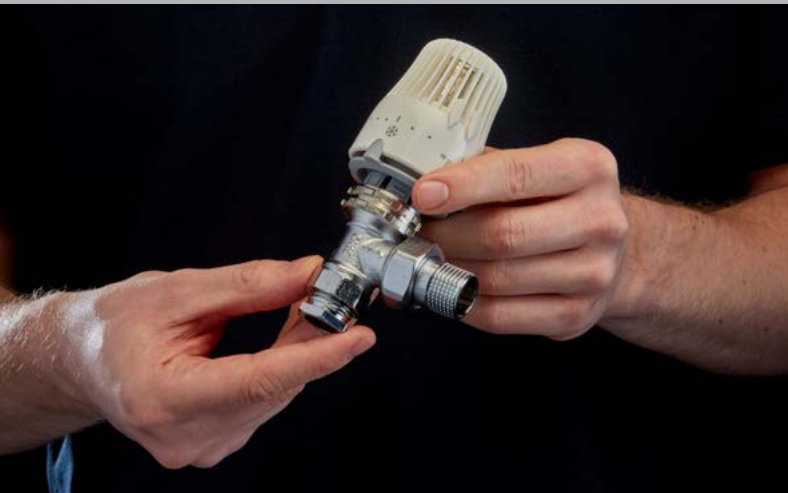
Flow control

Precise water control valves to regulate flow and pressure, including pressure reducing valves, ball valves, check valves, water meters and leak detection systems.



Combination and specialist valves

Time and space-saving combination valves, including water control and monitoring valves, thermal balancing and pressure reducing valves, as well as reduced pressure zone backflow preventers.



Heating system components

Versatile solutions for the precise and safe control of sealed heating systems, including pressure relief valves, tundishes, expansion vessels, thermostats, heating kits and more.

Sectors and applications

At Reliance Valves, we have created a broad range of products to help control the temperature, flow and efficiency of water supply and distribution within commercial and domestic plumbing and heating systems.

We pride ourselves on gaining insights from our customers to help shape our future products. Whatever the sector, and whatever the commercial and legislative requirements, we can provide the perfect solution for modern buildings.

Public health is always paramount – we will meet the regulations so you can ensure water safety at all times but, this is also about efficiency as much as reassurance. Installing the right products for the right outcome, each and every time.





Commercial

Many of our water temperature and flow valves, and heating system components, are used across all types of commercial buildings. They silently do their job to provide safety, efficiency and to meet the highest legislation, standards and best practice.



Care homes

All care homes should operate to the highest safety and hygiene standards. We help make this possible with our range of water control valves and heating system components, which are specifically designed to ensure resident safety and wellbeing.



Hospitals

Providing solutions to meet or exceed all current safety and hygiene standards, our temperature control and flow control valves are designed to boost efficiency and provide cost-saving opportunities without compromising on quality.



Education

There are no shortcuts to providing heating and water for schools, colleges and universities. With the welfare of children and young people at stake, safety is of the utmost importance. And we provide a range of solutions ensuring precisely that.



New build homes

New build developments demand efficient plumbing and heating systems that are cost-effective, simple to install and that meet all necessary legislations. We offer a range of water control valves and heating system components to meet these exacting needs.



Multi-occupancy homes

Multi-occupancy buildings such as apartment blocks, student accommodation and hotels present building designers and specifiers with multiple challenges. Our range of products are designed to address these challenges ensuring optimal safety, performance and efficiency.



Sports and leisure

Sports and leisure is all about performance. Not just with the activities which take place, but also in the facilities. Our wide range of products for plumbing and heating are designed to provide optimal performance and efficiency.



Temperature Control

Reliable water temperature control valves for optimum safety and comfort.

TMV application guide

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

Application			Thermostatic Mixing Valves						Tempering Valves		
			Easifit	Ausimix	Heatguard Dual	Heatguard TMV3-8	Heatguard Style	Euromixer	MasterGuard	Heatguard	Heatguard UFH
Domestic dwelling	Part P	Single outlet – basin	■	■							
		Single outlet – bath	■	■							
		Multiple outlet	■	■	■	■					
Public/ commercial	TMV2	Single outlet – basin	■	■	■		■				
		Single outlet – bath		■	■						
		Multiple outlet		■	■			■			
Healthcare	TMV3	Low Pressure Economy Shower (LP-Se)	■	■	■						
		Low Pressure Shower (LP-S)				■	■				
		Low Pressure Economy Washbasin (LP-We)			■						
		Low Pressure Washbasin (LP-W)				■	■				
		Low Pressure Economy Bidet (LP-Be)	■	■	■						
		Low Pressure Bidet (LP-B)				■					
		High Pressure Shower (HP-S)	■	■	■	■	■				
		High Pressure Washbasin (HP-W)	■	■	■	■					
		High Pressure Bidet (HP-B)	■	■	■	■					
		High Pressure Bath (44°C) (HP-T44)	■*	■	■*	■					
High Pressure Bath (46°C) (HP-T46)	■*	■	■*	■							
BREEAM credit rating	5	Controlled Outlet flow below 3 l/m	■				■		N/A	N/A	N/A
	4	Controlled Outlet flow below 3.75 l/m	■				■		N/A	N/A	N/A
	3	Controlled Outlet flow below 4.5 l/m	■	■	■	■	■		N/A	N/A	N/A
Centralised mixed temperature – single dwelling										■	
Centralised mixed temperature – multiple occupancy building								■			
Underfloor Heating flow temperature control											■
Sizes and connections	2-in-1	15mm	Compression	■	■	■	■				
		15mm	Push-fit	■	■						
		22mm	Compression	■	■	■	■				
		22mm	Push-fit		■						
	4-in-1	15mm	Compression	■	■	■	■				
		15mm	Push-fit		■						
		22mm	Compression	■	■	■	■				
		22mm	Push-fit		■						
		1"	Female BSP					■	■		
		1 ¼"	Female BSP					■	■		
		1 ½"	Female BSP						■		
	2"	Female BSP						■			
	Direct	15mm	Compression					■			
		15mm	Push-fit	■				■			
22mm		Compression							■		
28mm		Compression								■	

* 22mm

Thermostatic mixing valves

Heatguard® TMV3-8



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

Part number	Model	LPM	Size
HEAT160015	2-in-1 union	37 at 2.5 bar	15mm
HEAT160020	2-in-1 union	37 at 2.5 bar	22mm
HEAT160030	4-in-1 union	37 at 2.5 bar	15mm
HEAT160035	4-in-1 union	37 at 2.5 bar	22mm
HEAT160001	Base valve	37 at 2.5 bar	1"



Heatguard® Dual



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

Part number	Model	LPM	Size
HEAT110614	2-in-1 union	35 at 2.5 bar	15mm
HEAT110624	2-in-1 union	35 at 2.5 bar	22mm
HEAT110616	4-in-1 union	35 at 2.5 bar	15mm
HEAT110625	4-in-1 union	35 at 2.5 bar	22mm



PROJECT SPOTLIGHT

Royal Victoria Hospital, Kent

Products used:
Heatguard Thermostatic
Mixing Valves



Thermostatic mixing valves

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

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

Easifit®



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

Part number	Model	Size
HEAT112010	2-in-1 union	15mm
HEAT112015	2-in-1 union	22mm
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 1 1/4" Female BSP connections to suit all types of pipework
- 4-in-1 services fittings provided isolation, filtration, cross-flow prevention and a gauge port for testing in a single compact unit

Part number	Model	LPM	Size
HEAT630100	630	120 at 2.5 bar	1" FBSP
HEAT640100	640	150 at 2.5 bar	1 1/4" FBSP

Tempering valves

Masterguard®



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

Part number	Model	LPM	Size
MIX83004	830	120 at 2.5 bar	1" FBSP
MIX84004	840	170 at 2.5 bar	1 1/4" FBSP
MIX85004	850	260 at 2.5 bar	1 1/2" FBSP
MIX86004	860	360 at 2.5 bar	2" FBSP

Heatguard®



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

Part number	Size
HEAT110505	22mm

Heatguard® UFH



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

Part number	Model	Size
HEAT219058	Blending Valve	22mm
HEAT115002	Blending Valve	28mm

Balancing & blending valves

Thermal Balancing Valves



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

Part number	Model	Size
TREG100060	With gauge	1/2" FBSP
TREG100065	With gauge	3/4" FBSP
SBTREG100060	Gauge with SharkBite	15mm
SBTREG100065	Gauge with SharkBite	22mm

PROJECT SPOTLIGHT

Caversham Care Home, Berkshire

Products used:
Thermal Balancing Valves

[Read our full case study >](#)



Service kits & spares

Service 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
SKIT110615	Heatguard Dual 4-in-1 service kit	15/22mm
SKIT110700	Ausimix full internal service kit	
SKIT110710	Ausimix 2-in-1 service kit	22mm
SKIT110715	Ausimix 4-in-1 service kit	15mm
SKIT110720	Ausimix 4-in-1 service kit	22mm
SKIT115001	Heatguard BF2-2 TMV full internal service kit	
SKIT300020	Heatguard BF2-2 4-in-1 adaptor service kit	
SKIT630001	Euromixer 630 & 640 full internal service kit	
SKIT430001	Heatguard Planar full internal service kit for 430/530	
SKIT100060	Thermal Balancing Valve service kit	

Insulation Cases

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

Temperature Gauges

Part number	Description
GAGE100060	Spare temperature gauge

Brass Adaptors

Part number	Description	Size
ZADP110780	Compression 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	



Flow Control

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

PRV application guide

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

		Product					
		Predator	312 Compact	320 Easifit	314 Dial-Up	315I Commercial	6247 Commercial
Domestic dwelling	Primary Mains		■				
	Unvented Cylinder Control		■				
	Single fixture or appliance	■	■				
Public/commercial	Primary mains/riser					■	■
	Floor control					■	■
	Single fixture or appliance			■			
	Low flow bypass adjacent to primary mains/riser			■	■	■	
Features	Complete with gauge	■					
	Tapping to suit back entry gauge		■		■		
	Tapping to suit top entry gauge			■		■	■
	Set pressure indicator				■	■	
	In-built strainer to protect moving parts	■	■	■	■	■	■
	Lift and Turn' adjustment mechanism			■			
	Replaceable cartridge system		■	■	■	■	■
	Adjustable set pressure 1.5 to 6.0 bar		■			■	■
	Adjustable set pressure 1.0 to 6.0 bar	■		■	■		
	Pressure reduction ratio 10:1		■	■	■	■	■
	Pressure reduction ratio 5:1	■					
	Maximum operating pressure 16 bar	■	■	■			
	Maximum operating pressure 25 bar				■	■	■
	DZR Brass body	■	■	■	■	■	
Bronze body						■	
Sizes and connections	15mm	Compression	■	■	■		
	22mm	Compression	■	■	■		
	28mm	Compression				■	
	15mm	Push-fit		■	■	■	
	22mm	Push-fit		■	■	■	
	1/2"	FBSP		■	■	■	
	3/4"	FBSP		■	■	■	
	1/2"	MBSP Union		■	■	■	■
	3/4"	MBSP Union		■	■	■	■
	1"	MBSP Union					■
	1 1/4"	MBSP Union					■
	1 1/2"	MBSP Union					■
	2"	MBSP Union					■
	15mm	Capillary Union					■
	22mm	Capillary Union					■
	28mm	Capillary Union					■
	65mm	Flanged					■
	80mm	Flanged					■
	100mm	Flanged					■

Pressure reducing valves

312 Compact



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

Cold – For up to 16 bar and 45°C. 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 80°C. 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
- Integral strainer to protect the cartridge and the installation
- Easy to read pressure indicator dial
- MBSP connection complete with union fitting for ease of servicing
- Drop Tight Design
- Comes with 1/4" Test Port Connection

For up to 25 bar and 70°C. 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

Pressure reducing valves

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 45°C. 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 80°C. 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

315i Commercial



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

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

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

Pressure reducing valves

6247 Commercial/Industrial



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

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

PROJECT SPOTLIGHT

Gascoigne Estate, Barking

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

[Read our full case study >](#)



Dynamic balancing valves

DZR Brass Pressure Independent Control Valve



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

Part number	Description	Size	Connection
PICV100001	Without Test Points – Low Flow	DN15	M x M for Unions
PICV100002	Without Test Points	DN15	M x M for Unions
PICV100003	Without Test Points	DN20	M x M for Unions
PICV100004	Without Test Points	DN25	M x M for Unions
PICV100005	Without Test Points	DN32	M x M for Unions
PICV100006	With Test Points – Low Flow	DN15	M x M for Unions
PICV100007	With Test Points	DN15	M x M for Unions
PICV100008	With Test Points	DN20	M x M for Unions
PICV100009	With Test Points	DN25	M x M for Unions
PICV100010	With Test Points	DN32	M x M for Unions
PICV100011	With Test Points – Low Flow	DN15	FBSP
PICV100012	With Test Points	DN15	FBSP
PICV100013	With Test Points	DN20	FBSP
PICV100014	With Test Points	DN25	FBSP
TAIL400001	Union Nuts and tails for DN15 PICV	1/2"	Union x MBSP
TAIL400002	Union Nuts and tails for DN20 PICV	3/4"	Union x MBSP
TAIL400003	Union Nuts and tails for DN25 PICV	1"	Union x MBSP
TAIL400004	Union Nuts and tails for DN32 PICV	1 1/4"	Union x MBSP

Actuator for DZR Brass Pressure Independent Control Valve



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

Part number	Description	Connection
PACT100001	24 Volt Proportional Actuator (0 - 10 V)	M30 x 1.5 Thread
PACT100002	24 Volt Modulating Actuator (3 Point)	M30 x 1.5 Thread

Brass Differential Pressure Control Valve



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

Part number	Description	Size	Connection
DPCV100001	LP Control range (5 - 30 kPa)	DN15	FBSP
DPCV100002	LP Control range (5 - 30 kPa)	DN20	FBSP
DPCV100003	LP Control range (5 - 30 kPa)	DN25	FBSP
DPCV100004	LP Control range (5 - 30 kPa)	DN32	FBSP
DPCV100005	LP Control range (5 - 30 kPa)	DN40	FBSP
DPCV100006	LP Control range (5 - 30 kPa)	DN50	FBSP
DPCV100007	HP Control range (30 - 70 kPa)	DN15	FBSP
DPCV100008	HP Control range (30 - 70 kPa)	DN20	FBSP
DPCV100009	HP Control range (30 - 70 kPa)	DN25	FBSP
DPCV100010	HP Control range (30 - 70 kPa)	DN32	FBSP
DPCV100011	HP Control range (30 - 70 kPa)	DN40	FBSP
DPCV100012	HP Control range (30 - 70 kPa)	DN50	FBSP

Manual balancing valves

DZR Brass Fixed Orifice Double Regulating Valve



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

Part number	Description	Size	Connection
DBRV100001	Xtra Low Flow	DN15	FBSP
DBRV100002	Ultra Low Flow	DN15	FBSP
DBRV100003	Low Flow	DN15	FBSP
DBRV100004	Standard Flow	DN15	FBSP
DBRV100005	Standard Flow	DN20	FBSP
DBRV100006	Standard Flow	DN25	FBSP
DBRV100007	Standard Flow	DN32	FBSP
DBRV100008	Standard Flow	DN40	FBSP
DBRV100009	Standard Flow	DN50	FBSP

Bronze Fixed Orifice Double Regulating Valve



- Strong and durable bronze body suitable for installations in corrosive environments
- Integral venturi orifice for greater accuracy +/- 3%
- Fitted with test points for easy differential pressure measurement
- Flow range between 0.011 l/s and 3.2 l/s

Part number	Description	Size	Connection
DBRV100010	Ultra Low Flow	DN15	FBSP
DBRV100011	Low Flow	DN15	FBSP
DBRV100012	Standard Flow	DN15	FBSP
DBRV100013	Standard Flow	DN20	FBSP
DBRV100014	Standard Flow	DN25	FBSP
DBRV100015	Standard Flow	DN32	FBSP
DBRV100016	Standard Flow	DN40	FBSP
DBRV100017	Standard Flow	DN50	FBSP

DZR Brass Fixed Orifice Metering Station



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

Part number	Description	Size	Connection
DBMS100001	Xtra Low Flow	DN15	M x F BSP
DBMS100002	Ultra Low Flow	DN15	M x F BSP
DBMS100003	Low Flow	DN15	M x F BSP
DBMS100004	Standard Flow	DN15	M x F BSP
DBMS100005	Standard Flow	DN20	M x F BSP
DBMS100006	Standard Flow	DN25	M x F BSP
DBMS100007	Standard Flow	DN32	M x F BSP
DBMS100008	Standard Flow	DN40	M x F BSP
DBMS100009	Standard Flow	DN50	M x F BSP

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

Pressure Gauges



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

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

Ball Valve application guide

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

	Product code														
	BVAL101030	BVAL101040	BVAL101044	BVAL105001	BVAL105020	BVAL105030	BVAL101001	BVAL101020	BVAL102001	BVAL103001	BVAL103020	BVAL106001	BVAL106020	BVAL106030	BVAL103030
Material	DZR Brass	DZR Brass	DZR Brass	DZR Brass	DZR Brass	DZR Brass	DZR Brass	DZR Brass	Brass	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze
Connection	FBSP	FBSP	FBSP	FBSP	FBSP	FBSP	Compression	Compression	FBSP	FBSP	FBSP	FBSP	FBSP	FBSP	FBSP
Handle type	Lever	Butterfly	Extended lever	Lever	Butterfly	Lockshield	Lever	Butterfly	Lever	Lever	Butterfly	Lever	Butterfly	Lockable	Lockshield
Body finish	Unplated	Unplated	Unplated	Unplated	Unplated	Unplated	Unplated	Unplated	Nickel Plated	Unplated	Unplated	Unplated	Unplated	Unplated	Unplated
Size range	DN15-50	DN15-32	DN15-50	DN15-50	DN15-32	DN15-50	15-54mm	15-28mm	DN15-50	DN15-50	DN15-25	DN15-50	DN15-25	DN15-50	DN15-50
Pressure rating	PN32	PN32	PN32	PN32	PN32	PN25	PN25	PN40	PN25	PN25	PN40	PN40	PN40	PN40	PN40
Anti seize				■	■	■						■	■	■	■
WRAS approved	■	■	■	■	■	■	■	■		■	■	■	■	■	■
Cold water	■	■	■	■	■	■	■	■		■	■	■	■	■	■
Hot water	■	■	■	■	■	■	■	■		■	■	■	■	■	■
CHW	■	■	■	■	■	■	■	■		■	■	■	■	■	■
Central heating	■	■	■	■	■	■	■	■		■	■	■	■	■	■
Air and gas									■						
Lockable handle														■	
Stem extension available	■	■		■	■					■	■	■	■	■	

Isolating valves

Service Ball Valve



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

Part number	Description	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



DZR Brass Ball Valve



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

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



Isolating valves

DZR Brass Ball Valve with Redox coated ball



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

Part number	Description	Size	Connection
BVALI05001	Lever Operated	DN15	FBSP
BVALI05002	Lever Operated	DN20	FBSP
BVALI05003	Lever Operated	DN25	FBSP
BVALI05004	Lever Operated	DN32	FBSP
BVALI05005	Lever Operated	DN40	FBSP
BVALI05006	Lever Operated	DN50	FBSP
BVALI05020	Butterfly Handle	DN15	FBSP
BVALI05021	Butterfly Handle	DN20	FBSP
BVALI05022	Butterfly Handle	DN25	FBSP
BVALI05023	Butterfly Handle	DN32	FBSP
BVALI05030	Lockshield	DN15	FBSP
BVALI05031	Lockshield	DN20	FBSP
BVALI05032	Lockshield	DN25	FBSP
BVALI05033	Lockshield	DN32	FBSP
BVALI05034	Lockshield	DN40	FBSP
BVALI05035	Lockshield	DN50	FBSP

Bronze Ball Valve



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

Part number	Description	Size	Connection
BVALI03001	Lever Operated	DN15	FBSP
BVALI03002	Lever Operated	DN20	FBSP
BVALI03003	Lever Operated	DN25	FBSP
BVALI03004	Lever Operated	DN32	FBSP
BVALI03005	Lever Operated	DN40	FBSP
BVALI03006	Lever Operated	DN50	FBSP
BVALI03020	Butterfly Handle	DN15	FBSP
BVALI03021	Butterfly Handle	DN20	FBSP
BVALI03022	Butterfly Handle	DN25	FBSP

Isolating valves

Bronze Ball Valve with Redox coated ball



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

Part number	Description	Size	Connection
BVALI06001	Lever Operated	DN15	FBSP
BVALI06002	Lever Operated	DN20	FBSP
BVALI06003	Lever Operated	DN25	FBSP
BVALI06004	Lever Operated	DN32	FBSP
BVALI06005	Lever Operated	DN40	FBSP
BVALI06006	Lever Operated	DN50	FBSP
BVALI06020	Butterfly Handle	DN15	FBSP
BVALI06021	Butterfly Handle	DN20	FBSP
BVALI06022	Butterfly Handle	DN25	FBSP
BVALI06030	Lockable Lever	DN15	FBSP
BVALI06031	Lockable Lever	DN20	FBSP
BVALI06032	Lockable Lever	DN25	FBSP
BVALI06033	Lockable Lever	DN32	FBSP
BVALI06034	Lockable Lever	DN40	FBSP
BVALI06035	Lockable Lever	DN50	FBSP
BVALI03030	Lockshield	DN15	FBSP
BVALI03031	Lockshield	DN20	FBSP
BVALI03032	Lockshield	DN25	FBSP
BVALI03033	Lockshield	DN32	FBSP
BVALI03034	Lockshield	DN40	FBSP
BVALI03035	Lockshield	DN50	FBSP

Nickel Plated Ball Valve for Gas



- Nickel plated brass for longevity in highly corrosive gas installations
- Full Bore for reduced resistance to flow
- Suitable for gas classes 1, 2 and 3*

Part number	Description	Size	Connection
BVALI02001	Lever Operated	DN15	FBSP
BVALI02002	Lever Operated	DN20	FBSP
BVALI02003	Lever Operated	DN25	FBSP
BVALI02004	Lever Operated	DN32	FBSP
BVALI02005	Lever Operated	DN40	FBSP
BVALI02006	Lever Operated	DN50	FBSP

* Gas distribution max pressure at 5 bar, with a working temperature of -20°C to +60°C

Gate valves

DZR Brass Gate Valve



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

Part number	Description	Size	Connection
GATE112001	Handwheel	DN15	FBSP
GATE112002	Handwheel	DN20	FBSP
GATE112003	Handwheel	DN25	FBSP
GATE112004	Handwheel	DN32	FBSP
GATE112005	Handwheel	DN40	FBSP
GATE112006	Handwheel	DN50	FBSP
GATE112020	Lockshield	DN15	FBSP
GATE112021	Lockshield	DN20	FBSP
GATE112022	Lockshield	DN25	FBSP
GATE112023	Lockshield	DN32	FBSP
GATE112024	Lockshield	DN40	FBSP
GATE112025	Lockshield	DN50	FBSP

Bronze Gate Valve

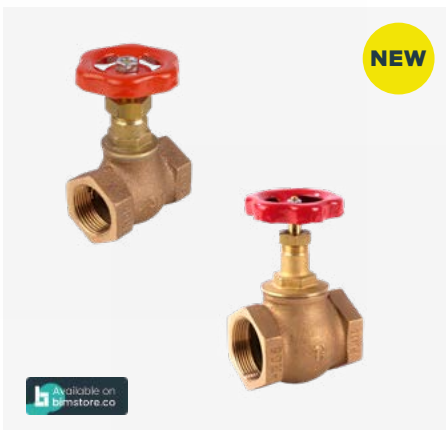


- Bronze gate valve for increased strength and durability, suitable for installations in corrosive environments
- Available in handwheel and lockshield models
- Self colour bronze body to limit nickel leaching and minimise water contamination
- Non-rising, blow-out proof stem

Part number	Description	Size	Connection
GATE110001	Handwheel	DN15	FBSP
GATE110002	Handwheel	DN20	FBSP
GATE110003	Handwheel	DN25	FBSP
GATE110004	Handwheel	DN32	FBSP
GATE110005	Handwheel	DN40	FBSP
GATE110006	Handwheel	DN50	FBSP
GATE110020	Lockshield	DN15	FBSP
GATE110021	Lockshield	DN20	FBSP
GATE110022	Lockshield	DN25	FBSP
GATE110023	Lockshield	DN32	FBSP
GATE110024	Lockshield	DN40	FBSP
GATE110025	Lockshield	DN50	FBSP

Globe valves

Bronze Globe Valve



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

Part number	Description	Size	Connection
GLBE100001	Handwheel	DN15	FBSP
GLBE100002	Handwheel	DN20	FBSP
GLBE100003	Handwheel	DN25	FBSP
GLBE100004	Handwheel	DN32	FBSP
GLBE100005	Handwheel	DN40	FBSP
GLBE100006	Handwheel	DN50	FBSP

Plumbing strainers, flow regulators & manifolds

Floreg Isolating Valve & Strainer



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

Part number	Flow rates	Size
SERV970000	4 LPM	15mm
SERV970001	6 LPM	15mm
SERV970002	8 LPM	15mm
SERV970003	10 LPM	15mm
SERV970004	12 LPM	15mm
SERV970005	15 LPM	15mm



1/4 Turn Floreg Valves

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

DO NOT use these valves:

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

Strainers

Protecto YC In-Line Strainers



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

Part number	Description	Size	Connection
LINS400001	Class 3 in-line strainer	15mm	Compression
LINS400002	Class 3 in-line strainer	22mm	Compression
LINS400006	Class 3 in-line strainer	28mm	Compression



Brass Y Type Strainer



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

Part number	Description	Size	Connection
STRN11001	DZR Brass Y Type Strainer	DN15	FBSP
STRN11002	DZR Brass Y Type Strainer	DN20	FBSP
STRN11003	DZR Brass Y Type Strainer	DN25	FBSP
STRN11004	DZR Brass Y Type Strainer	DN32	FBSP
STRN11005	DZR Brass Y Type Strainer	DN40	FBSP
STRN11006	DZR Brass Y Type Strainer	DN50	FBSP



Strainers

Bronze Y Type Strainers



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

Part number	Description	Size	Connection
STRN110001	Bronze Y Type Strainer	DN15	FBSP
STRN110002	Bronze Y Type Strainer	DN20	FBSP
STRN110003	Bronze Y Type Strainer	DN25	FBSP
STRN110004	Bronze Y Type Strainer	DN32	FBSP
STRN110005	Bronze Y Type Strainer	DN40	FBSP
STRN110006	Bronze Y Type Strainer	DN50	FBSP

Potable manifolds

Potable Water Manifolds

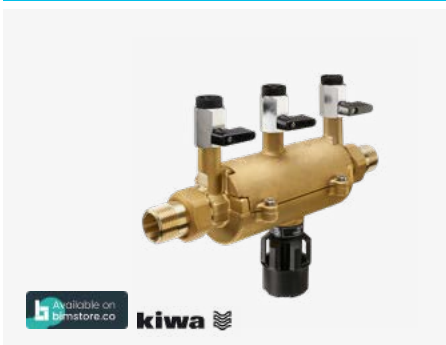


- Push-fit connections for ease of installation
- Universal product, suitable for hot or cold water systems
- DZR brass body
- Indicators to identify the fixtures supplied by each port
- Union connection allows multiple manifolds to be connected together

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

Backflow prevention valves

Reduced Pressure Zone Backflow Preventer (RPZ)

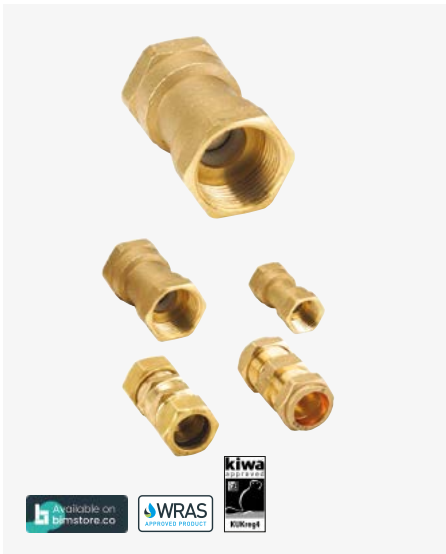


- Incorporates a double check valve with a reduced pressure zone
- For protection against back-pressure and back-siphonage
- Protection against fluid category 4: Type BA
- Verifiable backflow preventer with reduced pressure zone
- All serviceable components can be reached within easy access

Part number	Description	Size
RPZV270001	RPZ Valve Backflow Preventer Commercial	1/2"
RPZV270005	RPZ Valve Backflow Preventer Commercial	3/4"
RPZV270010	RPZ Valve Backflow Preventer Commercial	1"
RPZV270015	RPZ Valve Backflow Preventer Commercial	1 1/4"
RPZV270020	RPZ Valve Backflow Preventer Commercial	1 1/2"
RPZV270025	RPZ Valve Backflow Preventer Commercial	2"

Backflow prevention 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 water contamination risks

Part number	Description	Type	Size
FLOW235001	DZR brass	EB	15mm
FLOW235002	DZR brass	EB	22mm
FLOW235003	DZR brass	EB	28mm
FLOW235004	DZR brass	EB	1/2" FBSP
FLOW235005	DZR brass	EB	3/4" FBSP
FLOW235006	DZR brass	EB	1" FBSP
FLOW235007	DZR brass	EB	1 1/4" FBSP
FLOW235008	DZR brass	EB	1 1/2" FBSP
FLOW235009	DZR brass	EB	2" FBSP

Floguard® Double Check Valves



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

Part number	Description	Type	Size
FLOW230001	Mini, DZR brass	ED	15mm
FLOW230002	Mini, nickel	ED	15mm
FLOW230003	Compact, DZR brass	ED	22mm
FLOW230004	DZR brass	ED	28mm
FLOW230005	DZR brass	ED	1/2" FBSP
FLOW230006	DZR brass	ED	3/4" FBSP
FLOW230007	DZR brass	ED	1" FBSP
FLOW230008	DZR brass	ED	1 1/4" FBSP
FLOW230009	DZR brass	ED	1 1/2" FBSP
FLOW230010	DZR brass	ED	2" FBSP

Swing check valves

Bronze Swing Check Valves



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

Part number	Description	Size	Connection
BRCK100001	Bronze Swing Check Valve	DN15	FBSP
BRCK100002	Bronze Swing Check Valve	DN20	FBSP
BRCK100003	Bronze Swing Check Valve	DN25	FBSP
BRCK100004	Bronze Swing Check Valve	DN32	FBSP
BRCK100005	Bronze Swing Check Valve	DN40	FBSP
BRCK100006	Bronze Swing Check Valve	DN50	FBSP

Swing check valves

Brass Swing Check Valves



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

Part number	Description	Size	Connection
BCHK100001	Brass Swing Check Valve	DN15	FBSP
BCHK100002	Brass Swing Check Valve	DN20	FBSP
BCHK100003	Brass Swing Check Valve	DN25	FBSP
BCHK100004	Brass Swing Check Valve	DN32	FBSP
BCHK100005	Brass Swing Check Valve	DN40	FBSP
BCHK100006	Brass Swing Check Valve	DN50	FBSP

Leak detector

MultiSafe Leak Detector



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

Part number	Description	Size
LEKP100001	¾" Multisafe Leak Detector Control Valve	¾" MBSP
LEKP100002	1" Multisafe Leak Detector Control Valve	1" MBSP
LEKP100003	1¼" Multisafe Leak Detector Control Valve	1¼" MBSP



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

Part number	Description
LEKP100050	Multisafe Floor Leak Sensor

PROJECT TESTIMONIALS

MultiSafe Leak Detector



Chelsea Creek – Berkeley Homes

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

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

Paul Burton
Group Chairman & Chief Executive,
Briggs & Forrester

[Read our full case study >](#)

Gascoigne Estate – Wilmott Dixon

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

Craig Smith
Technical Buyer, Kane Group

[Read our full case study >](#)



Spares

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	

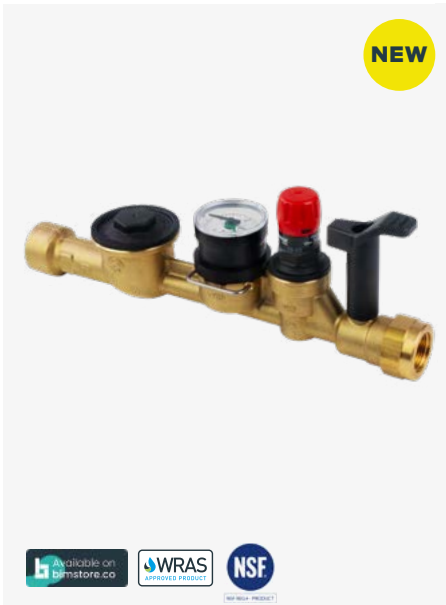
RWC

Combination & Specialist Valves

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

Combination valves

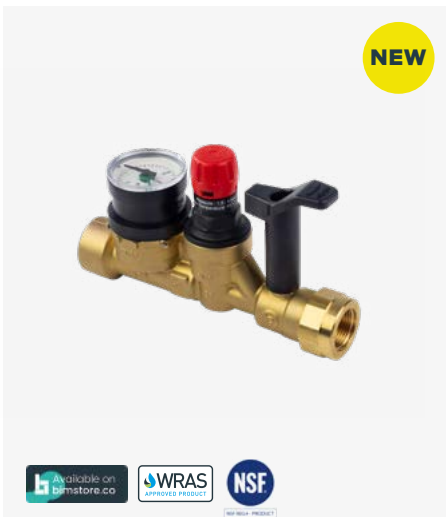
Tenant Valve Advance



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

Part number	Description	Size	Connection
TVAP250001	3/4" Tenant Valve Advance	DN20	FBSP
TVAP250005	1" Tenant Valve Advance	DN25	FBSP

Tenant Valve Compact



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

Part number	Description	Size	Connection
TVAP250050	3/4" Tenant Valve Compact	DN20	FBSP
TVAP250055	1" Tenant Valve Compact	DN25	FBSP

Isolating and Drain Off Combination Valve



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

Part number	Description	Size	Connection
TABV250001	3/4" Isolating and Drain Off Combination Valve	DN20	FBSP
TABV250005	1" Isolating and Drain Off Combination Valve	DN25	FBSP

Combination valves

Tenant Valve Water Meter



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

Part number	Description	Size
WATM250001	1 ½" Tenant Valve Water Meter	N/A
WATM250050	1 ½" Tenant Valve Water Meter with pulse output	N/A

Combination Thermal Balancing & Pressure Reducing Valve



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

Part number	Description	Size
TREG200001	Combined TBV and PRV	1/2"
TREG200002	Combined TBV and PRV	3/4"
SBTREG200001	Combined TBV and PRV with SharkBite	15mm
SBTREG200002	Combined TBV and PRV with SharkBite	22mm

Bathroom valves

Governor Urinal Flush Valve



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

Part number	Description
PUCF100001	Pressure operated urinal flush valve

PROJECT TESTIMONIALS

Tenant Valve



Monks Meadow, Gloucestershire

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

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

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

Paul McCarthy
Contracts Manager,
Mechanical Heating and Plumbing



Caversham Care Home, Berkshire

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

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

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

Mark Myers
Managing Director,
Pemberton Ltd

[Read our full case study >](#)



Tenant Valve Accessories NEW

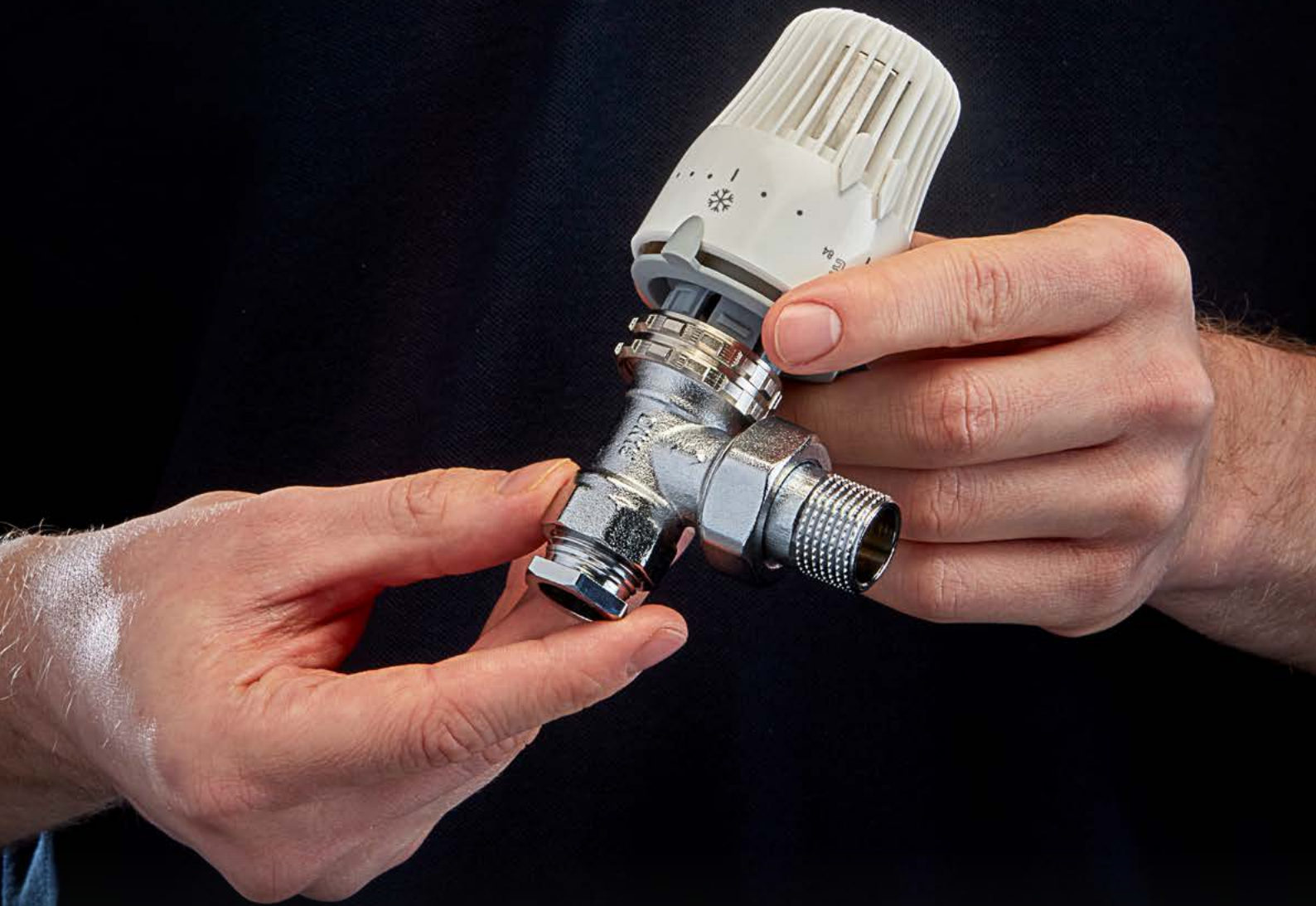
Accessories

Part number	Description	Size	Connection
INSL250001	Insulation Cover for Tenant Valve Advance	N/A	N/A
INSL250050	Insulation Cover for Tenant Valve Compact	N/A	N/A
HNDL250001	Shut Off Valve Handle for Tenant Valves	NA	N/A
BCAP250001	Blanking Cap for Water Meter Connection	N/A	N/A
TCHK201001	Double Check Valve Assembly	N/A	N/A
REDC201001	Adjustable Reducing Cartridge	N/A	N/A

Spares

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



Heating System Components

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

Heating system pressure relief valves

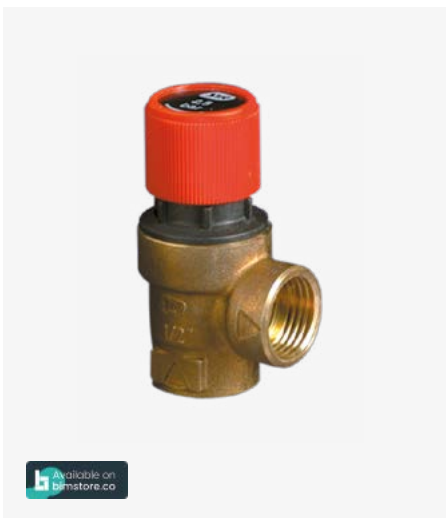
100 Series High Capacity Sealed Heating System Pressure Relief Valve



- 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 1/4" F x FBSP
PREL100023	3.0 bar	1" x 1 1/4" F x FBSP
PREL100025	4.0 bar	1" x 1 1/4" F x FBSP
PREL100027	5.0 bar	1" x 1 1/4" F x FBSP
PREL100032	2.5 bar	1 1/4" x 1 1/2" F x FBSP
PREL100033	3.0 bar	1 1/4" x 1 1/2" F x FBSP
PREL100034	4.0 bar	1 1/4" x 1 1/2" F x FBSP
PREL100036	5.0 bar	1 1/4" x 1 1/2" F x FBSP
PREL100044	2.5 bar	1 1/2" x 2" F x FBSP
PREL100041	3.0 bar	1 1/2" x 2" F x FBSP
PREL100042	4.0 bar	1 1/2" x 2" F x FBSP
PREL100046	5.0 bar	1 1/2" x 2" F x FBSP
PREL100052	2.5 bar	2" x 2 1/2" F x FBSP
PREL100049	3.0 bar	2" x 2 1/2" F x FBSP
PREL100050	4.0 bar	2" x 2 1/2" F x FBSP
PREL100055	5.0 bar	2" x 2 1/2" F x FBSP

101 Series Sealed Heating System Pressure Relief Valve



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

Part number	Pressure	Size
PREL101001	2.0 bar	1/2" F x FBSP
PREL101002	2.5 bar	1/2" F x FBSP
PREL101003	3.0 bar	1/2" F x FBSP
PREL101015	2.0 bar	1/2" M x FBSP
PREL101024	2.5 bar	1/2" M x FBSP
PREL101016	3.0 bar	1/2" M x FBSP
PREL101011	2.0 bar	3/4" F x FBSP
PREL101012	2.5 bar	3/4" F x FBSP
PREL101013	3.0 bar	3/4" F x FBSP
PREL101014	2.0 bar	3/4" M x FBSP
PREL101027	2.5 bar	3/4" M x FBSP
PREL101023	3.0 bar	3/4" M x FBSP

Heating system pressure relief valves

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 to 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 to 8.0 bar

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



Potable water pressure relief valves

104 Series High Capacity Potable Water Pressure Relief Valve



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

Part number	Pressure	Size
PRELI04008	6.0 bar	1/2" x 3/4" FBSP x FBSP
PRELI04042	3.5 bar	3/4" x 1" FBSP x FBSP
PRELI04014	5.0 bar	3/4" x 1" FBSP x FBSP
PRELI04010	6.0 bar	3/4" x 1" FBSP x FBSP
PRELI04016	8.0 bar	3/4" x 1" FBSP x FBSP
PRELI04043	3.5 bar	1" x 1 1/4" FBSP x FBSP
PRELI04001	5.0 bar	1" x 1 1/4" FBSP x FBSP
PRELI04002	6.0 bar	1" x 1 1/4" FBSP x FBSP
PRELI04017	8.0 bar	1" x 1 1/4" FBSP x FBSP
PRELI04044	3.5 bar	1 1/4" x 1 1/2" FBSP x FBSP
PRELI04045	5.0 bar	1 1/4" x 1 1/2" FBSP x FBSP
PRELI04005	6.0 bar	1 1/4" x 1 1/2" FBSP x FBSP
PRELI04013	8.0 bar	1 1/4" x 1 1/2" FBSP x FBSP
PRELI04046	3.5 bar	1 1/2" x 2" FBSP x FBSP
PRELI04047	5.0 bar	1 1/2" x 2" FBSP x FBSP
PRELI04012	6.0 bar	1 1/2" x 2" FBSP x FBSP
PRELI04020	8.0 bar	1 1/2" x 2" FBSP x FBSP
PRELI04048	3.5 bar	2" x 2 1/2" FBSP x FBSP
PRELI04049	5.0 bar	2" x 2 1/2" FBSP x FBSP
PRELI04015	6.0 bar	2" x 2 1/2" FBSP x FBSP
PRELI04023	8.0 bar	2" x 2 1/2" 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 to 6.0 bar
- Maximum temperature of 110°C

Part number	Pressure	Size
PRELI07010	6.0 bar	1/2" FBSP x 1/2" FBSP
PRELI07015	6.0 bar	1/2" MBSP x 1/2" FBSP
PRELI07020	3.5 bar	1/2" MBSP x 15mm



Pressure & temperature relief valves

TPR28 Pressure & Temperature Relief Valves



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

Part number	Probe	Pressure	Size
PTEM100050	195mm	7.0 bar	1" MBSP x 28mm
PTEM100060	195mm	10.0 bar	1" MBSP x 28mm



Pressure & temperature relief valves

FVMX High Capacity Pressure & Temperature Relief Valves



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

Part number	Probe	Pressure	Size
PTEM600001	112mm	7.0 bar	1" MBSP x 28mm
PTEM600002	120mm	7.0 bar	1" MBSP x 1" FBSP
PTEM600003	100mm	7.0 bar	1 1/4" MBSP x 1" FBSP
PTEM600004	80mm	7.0 bar	1 1/2" MBSP x 1 1/2" FBSP
PTEM600005	65mm	7.0 bar	2" MBSP x 2" FBSP



CPT 15 & 22 Temperature & Pressure Relief Valve



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

CPT 15

Part number	Probe	Pressure	Size
PTEM540001	Standard	7.0 bar	1/2" MBSP x 15mm
PTEM540005	Standard	10.0 bar with PTFE	1/2" MBSP x 15mm
PTEM540010	Standard	7.0 bar with PTFE	1/2" MBSP x 15mm
PTEM540015	Standard	4.5 bar with PTFE	1/2" MBSP x 15mm
PTEM540020	Standard	6.0 bar with PTFE	1/2" MBSP x 15mm
PTEM540025	Standard	7.0 bar	15mm x 15mm
PTEM540030	Short	7.0 bar	1/2" MBSP x 15mm
PTEM540100	Long	7.0 bar	1/2" MBSP x 15mm
PTEM540105	Long	7.0 bar	15mm x 15mm
PTEM540110	Long	10.0 bar	1/2" MBSP x 15mm

CPT 22

Part number	Probe	Pressure	Size
PTEM585200	Standard	4.5 bar	3/4" MBSP x 22mm
PTEM585205	Standard	7.0 bar	3/4" MBSP x 22mm
PTEM585210	Standard	10.0 bar	3/4" MBSP x 22mm
PTEM585250	Long	7.0 bar	3/4" MBSP x 22mm



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
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
TUND600005	Dry Trap Tundish COMING SOON	15 x 22mm
TUND600010	Dry Trap Tundish COMING SOON	15 x 32mm

Expansion vessels

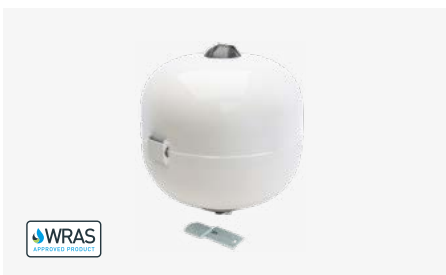
Aquasystem® Heating System Expansion Vessels



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

Part number	Capacity	Colour	Pressure (pre-set)	Size
XVES100020	5 litre	Red	1.0 bar	3/4" MBSP
XVES100030	8 litre	Red	1.0 bar	3/4" MBSP
XVES100040	12 litre	Red	1.0 bar	3/4" MBSP
XVES100050	18 litre	Red	1.5 bar	3/4" MBSP
XVES100060	24 litre	Red	1.5 bar	3/4" MBSP
XVES100070	35 litre	Red	1.5 bar	3/4" MBSP
XVES100080	50 litre	Red	1.5 bar	3/4" MBSP
XVES100090	80 litre	Red	1.5 bar	1" MBSP
XVES100100	100 litre	Red	1.5 bar	1" MBSP
XVES100110	150 litre	Red	1.5 bar	1" MBSP
XVES100120	200 litre	Red	1.5 bar	1" MBSP
XVES100130	250 litre	Red	1.5 bar	1" MBSP
XVES100140	300 litre	Red	1.5 bar	1" MBSP
XVES100150	500 litre	Red	1.5 bar	1 ½" MBSP
XVES100160	750 litre	Red	1.5 bar	2" MBSP
XVES100170	1000 litre	Red	1.5 bar	2" MBSP

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® 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 5,000 litre to cover all applications
- All versions supplied with a replaceable membrane meaning the vessel can be serviced without being removed
- Complete with pre-charge valve for topping up air pressure
- Suitable for both potable water and heating applications

Part number	Capacity	Colour	Pressure (pre-set)	Size
XVES050010	2 litre	White	3.0 bar	1/2" MBSP
XVES050020	5 litre	White	3.0 bar	3/4" MBSP
XVES050030	8 litre	White	3.0 bar	3/4" MBSP
XVES050040	12 litre	White	3.0 bar	3/4" MBSP
XVES050050	18 litre	White	3.0 bar	3/4" MBSP
XVES050060	24 litre	White	3.0 bar	3/4" MBSP
XVES050070	35 litre	White	3.0 bar	3/4" MBSP
XVES050080	50 litre	Blue	3.0 bar	3/4" MBSP
XVES050090	60 litre	Blue	3.5 bar	1" MBSP
XVES050100	80 litre	Blue	3.5 bar	1" MBSP
XVES050110	100 litre	Blue	3.5 bar	1" MBSP
XVES050120	150 litre	Blue	3.5 bar	1" MBSP
XVES050130	200 litre	Blue	3.5 bar	1 1/4" MBSP
XVES050140	300 litre	Blue	3.5 bar	1 1/4" MBSP
XVES050150	500 litre	Blue	3.5 bar	1 1/4" MBSP
XVES050160	750 litre	Red	4.0 bar	2" MBSP
XVES050170	1000 litre	Red	4.0 bar	2" MBSP
XVES050180	1500 litre	Red	4.0 bar	2" MBSP
XVES050190	2000 litre	Red	4.0 bar	2" MBSP
XVES050200	3000 litre	Red	4.0 bar	DN65
XVES050210	4000 litre	Red	4.0 bar	DN80
XVES050220	5000 litre	Red	4.0 bar	DN80



Aquasystem® 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

Expansion vessels

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
MEMB100055	50 litre potable EPDM
MEMB100060	60 litre potable EPDM
MEMB100065	80 litre potable EPDM
MEMB100070	100 litre potable EPDM
MEMB100080	150 litre potable EPDM
MEMB100090	200 litre potable EPDM
MEMB100100	300 litre potable EPDM
MEMB100110	500 litre potable EPDM

Heating System Vessel Membranes

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

Shock arrestors

Potable Water Shock Arrestor



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

Part number	Capacity	Pressure	Size
XVES050000	0.16 litre	15 bar	1/2" MBSP
XVES050005	0.50 litre	10 bar	1/2" MBSP
XVES050006	1 litre	10 bar	1/2" MBSP
XVES050007	2 litre	10 bar	1/2" MBSP

Circulation 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 1 1/4" connection
- Drain off on 1 1/4" version
- 3/4" version includes rotatable tee-piece

Part number	Description	Size
ANTI00001	Anti Legionella Valve	3/4" FBSP
ANTI00005	Anti Legionella Valve	1 1/4" FBSP



Manifolds & filling loops

Filmaster® Filling Loop



Part number	Description	Size
FIBV246208	Filmaster Filling Loop dual isolator c/w check valve	15mm
BCAP246200	Filling Loop sealing cap and tag	1/2"



Easifit® Manifold with Filling Loop & Gauge

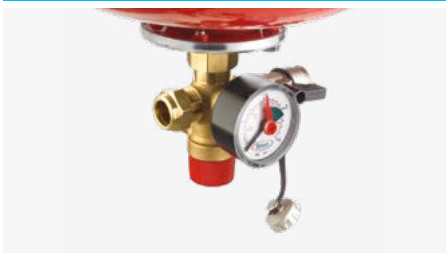


- The connection manifold is a one piece unit and requires no assembly
- Includes a WRAS approved filling loop with blanking caps
- Comes with an easy to read 1/4" pressure gauge
- Union type connection to the expansion vessel can be orientated easily

Part number	Description	Size
EASI209104	Easifit Manifold with filling loop & gauge	3/4" MBSP



Easifit® Manifold



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

Part number	Description	Size
CORE209106	Easifit Manifold	3/4" MBSP

1/4 Turn Valves

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

DO NOT use these valves:

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

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

Wiring Centre



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

Part number	Description
WIRE100002	Wiring Centre

Anti-vacuum valves & air vents

Automatic Anti-Vacuum 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



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

Part number	Description	Size
AVEN100001	Automatic air vent	3/8"
AVEN100005	Automatic air vent	1/2"
AVEN100003	Automatic air vent	15mm Comp
AVEN300001	Automatic Air Vent with JG Speedfit	15mm push-fit
AVEN450001	UFH Air Vent – Nickel	1/2"

Heating controls

Thermostatic Radiator Valves



NEW

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

Part number	Description	Size	Connection
RADV100001	Adjustable Kv – angled pattern	1/2" / 15mm	M x F / Compression
RADV100005	Adjustable Kv – angled pattern	3/4" / 22mm	M x F / Compression
RADV100010	Adjustable Kv – straight pattern	1/2" / 15mm	M x F / Compression
RADV100015	Adjustable Kv – straight pattern	3/4" / 22mm	M x F / Compression
RADV100002	Fixed Kv – angled pattern	1/2" / 15mm	M x F / Compression
RADV100006	Fixed Kv – angled pattern	3/4" / 22mm	M x F / Compression
RADV100011	Fixed Kv – straight pattern	1/2" / 15mm	M x F / Compression
RADV100016	Fixed Kv – straight pattern	3/4" / 22mm	M x F / Compression

Thermostatic Radiator Valve Head



NEW

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

Part number	Description	Connection
THED100001	Thermostatic Radiator Valve Head	M30 x 1.5 Thread

Heating controls

Manual Radiator Valves



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

Part number	Description	Size	Connection
RADV100030	Wheelhead Radiator Valve – angled	1/2" / 15mm	M x F / Compression
RADV100035	Wheelhead Radiator Valve – angled	3/4" / 22mm	M x F / Compression
RADV100040	Wheelhead Radiator Valve – straight	1/2" / 15mm	M x F / Compression
RADV100045	Wheelhead Radiator Valve – straight	3/4" / 22mm	M x F / Compression

Lockshield Radiator Valves



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

Part number	Description	Size	Connection
RADV100060	Lockshield Radiator Valve – angled	1/2" / 15mm	M x F / Compression
RADV100065	Lockshield Radiator Valve – angled	3/4" / 22mm	M x F / Compression
RADV100070	Lockshield Radiator Valve – straight	1/2" / 15mm	M x F / Compression
RADV100075	Lockshield Radiator Valve – straight	3/4" / 22mm	M x F / Compression

Thermostats

Cylinder Thermostats



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

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

Accredited and assured

Reliance Valves provides customers with complete confidence in its products and services. We achieve this with our innovative product range, market-leading service and adherence to international standards.



BS EN ISO 9001

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



BS EN ISO 14001

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



CE

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



UKCA

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



BSI KITEMARK

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



WRAS Approval

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



Kiwa REG 4

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



NSF REG 4 Approval

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



TMV2 Scheme

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



TMV3 Scheme

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

Key information



Technical helpline

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

Technical helpdesk

01895 425333

Support hours

8am to 5pm, Monday to Friday



Support on your doorstep

Boasting one of the largest technical sales teams in the UK, we offer free specification, technical support and advice.



Data sheets & guides

Handy install and user guides.

Orders and 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.

Webchat

reliancevalves.com

Support hours

8.30am to 4.30pm, Monday to Friday



Conditions of sale

All purchases are subject to our standard terms and conditions of sale, which can be found on speedfit.com and reliancevalves.com. 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 publication.



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