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Abbreviated Range List



PRESSURE CONTROL VALVES

CALVALVE



Pressure control – combined pressure reducing valve and expansion relief valve, copper by copper compression ends. DZR alloy body. Replaceable cartridge and strainer. Max. inlet pressure: 16 bar. Max. working temperature: 40°C. Supplied without vacuum breakers.

CODE

533CV2-15
533CV4-15
533CV2-22
533CV4-22
533CV6-22

DESCRIPTION

15mm Valve with relief 200kPa
15mm Valve with relief 400kPa
22mm Valve with relief 200kPa
22mm Valve with relief 400kPa
22mm Valve with relief 600kPa

DOUBLE BLOCK



Pressure control – combined pressure reducing valve and expansion relief valve, copper by copper compression ends. DZR alloy body. Replaceable cartridge and strainer. Max. inlet pressure: 16 bar. Max. working temperature: 40°C. **Supplied with 2 vacuum breakers.**

CODE

533D2-15
533D4-15
533D2-22
533D4-22
533D6-22

DESCRIPTION

15mm Double block 200kPa
15mm Double block 400kPa
22mm Double block 200kPa
22mm Double block 400kPa
22mm Double block 600kPa



TRIBLOCK



Pressure control - combined pressure reducing valve, expansion relief valve and integral ballcock, copper x copper compression ends. DZR alloy body. Replaceable cartridge and internal strainer.
 Max inlet pressure 16 bar
 Max working temp 40 °C
 Supplied with 2 Vacuum Breakers

CODE

533 T2-15
 533 T4-15
 533 T2-22
 533 T4-22
 533 T6-22

DESCRIPTION

200kPa, 15mm, PCV with shutoff.
 400kPa, 15mm, PCV with shutoff.
 200kPa, 22mm, PCV with shutoff.
 400kPa, 22mm, PCV with shutoff.
 600kPa, 22mm PCV with shutoff.

CALFIX



Replacement Valve with expansion relief valve. For use where flat faced couplings and unions are used. Supplied with fibre washers 3/4".

Max inlet pressure 16 bar
 Max working temp 40 °C
Supplied without Vacuum Breakers

CODE	DESCRIPTION
533 CF2-20CFN	200kPa Replacement valve
533 CF4-20CFN	400kPa Replacement valve
533 CF6-20CFN	600kPa Replacement valve



Replacement Valve with expansion relief valve. For use where flat faced couplings and unions are used. Supplied with fibre washers 3/4".

Supplied without Vacuum Breakers

CODE	DESCRIPTION
533 CF2-20CF	200kPa Replacement valve
533 CF4-20CF	400kPa Replacement valve
533 CF6-20CF	600kPa Replacement valve

CALVAC VACUUM BREAKERS



15mm Compression Fitting

CODE	DESCRIPTION
300-15 CF	15mm CxC vacuum breaker



22mm Compression Fitting

CODE	DESCRIPTION
300-22 CF	22mm CxC vacuum breaker



22mm Compression inlet and 15mm Compression Vent Pipe Connection

CODE	DESCRIPTION
300-22 CxC	22mm CxC vacuum breaker

EXPANSION CONTROL VALVES



Expansion Control Valve with Stainless Steel Seat set into DZR brass body. The fully flushable feature enables dirt or lime that accumulates on the seat to be flushed away by simply turning the cap a quarter turn.

CODE	DESCRIPTION
312417	15mm expansion control valve 100kPa
312406	15mm expansion control valve 200kPa
312443	15mm expansion control valve 300kPa

CODE	DESCRIPTION
312405	15mm expansion control valve 400kPa
312415	15mm expansion control valve 500kPa
312407	15mm expansion control valve 600kPa

NON-RETURN / BACKFLOW PREVENTERS



In-line non-testable Backflow Preventer CXC

CODE	DESCRIPTION
BF-22	22mm CxC compression fitting
NR-15	15mm CxC compression fitting

REDUCED PRESSURE ZONE BACKFLOW PREVENTERS



Controllable, reduced pressure zone backflow with anti-siphon dump port.
 Dezincification resistant alloy body. Max working pressure: 1000kPa Max. working temperature: 65°C. Discharge opening differential ratio:14 kPa. To standard EN 12729. Connections 15 - 50mm MI unions,
 Note: **A line strainer must be fitted upstream of all backflow preventers.**

Code	SIZE
574040	1/2"
574050	3/4"
574600	1"
574700	1 1/4"
574800	1 1/2"
574900	2"
575008	DN 80
575010	DN 100

ADJUSTABLE PRESSURE REDUCING VALVES



Pressure reducing valve with replaceable cartridge.
 Bronze body. Male union connections.
 Max. upstream pressure: 25 bar. Downstream
 setting pressure range: 0,5–6 bar.
 On request 6–10 bar.
 Max. working temperature: 80°C.
 Pressure gauge: upstream: 0–25 bar.
 Pressure gauge: downstream: 0–10 bar.
 Certified to EN 1567.

Code	SIZE
536040	15mm MI Unions
536050	20mm MI Unions
536060	25mm MI Unions
536070	32mm MI Unions
536080	40mm MI Unions
536590	50mm MI Unions
536082	80mm Flanged
536102	100mm Flanged

INDUSTRIAL EXPANSION RELIEF VALVES



Expansion Relief Valve. Maximum temperature
 110°C at 400kPa.

CODE	DESCRIPTION
531540	20 x 25 mm FI relief pressure 400kPa
531640	25 x 32 mm FI relief pressure 400kPa
531740	32 x 40mm FI relief pressure 400kPa

BALANCING VALVES



Balancing valves for hydronic systems DZR alloy body. Stainless steel main seat, complete with pressure ports.
Max working pressure 16 bar Temp range -20 to 120°C

CODE	DESCRIPTION
130400	15mm min 1.25 l/min, max 50l/min
130500	20mm min 1.50 l/min, max 75 l/min
130600	25mm min 2.0 l/min, max 100 l/min
130700	32mm min 5.0 l/min, max 160 l/min
130800	40mm min 6.0 l/min, max 250l/min
130900	50mm min 8.0 l/min, max 416 l /min

THERMOSTATIC BALANCING VALVES



Thermostatic Balancing valves for domestic hot water circulating circuits. DZR alloy body complete with temperature gauge.
Max working pressure 10 bar Adjustment temp range 35 - 60°C

CODE	DESCRIPTION
116240	15mm thermostatic balancing valve
116250	20mm thermostatic balancing valve

AUTOMATIC AIR RELEASE VALVE



Automatic air vent.
In hot-stamped brass.
Chrome plated.
Max. working pressure: 10 bar.
Max. discharge pressure: 4 bar.
Max. working temperature: 120°C.

CODE	DESCRIPTION
502241	15mm Automatic air release valve

SELF CLEANING FLOW METERS



Self-cleaning flow meter
 flow rate scale 1- 4 l/min
 Max working pressure 6 bar
 Max working temp 80 °C

CODE	DESCRIPTION
669050	20mm in line flow meter

THERMOSTATIC MIXING VALVES



Adjustable **anti-scald** thermostatic mixing valve, Dezincification resistant alloy body. Max. working pressure: 14 bar (static) Max working pressure: 5 bar (dynamic) Max. inlet temperature: 85°C. Max. hot and cold-water inlet pressure ratio 2:1 Performance in compliance to EN 1287 Note: **An isolating valve, line strainer and non-return must be installed on the hot and cold supply.**

Code	Size	l/min
521 304	15mm	40
521 303	20mm	58
523 160	25mm	75
523 170	32mm	108
523 180	40mm	166
523 190	50mm	200



Adjustable Thermostatic Mixing Valve. Brass body. Chrome plated.
 Max working pressure: 10 Bar
 Max inlet temperature: 90°C
 Adjustment range 40 - 60°C

CODE	DESCRIPTION
520540	3/4" BSP FI thermostatic controller

WATER HAMMER ARRESTORS



15mm Brass Body chrome plated.
 Max working pressure 10 Bar
 Max working temperature 90°C

CODE	DESCRIPTION
525040	15mm water hammer arrestor

ANTI FREEZE VALVES



Anti-freeze safety device.
 Dezincification resistant alloy body.
 Max. working pressure: 10 bar.
 Ambient temperature range: -30–90°C.
 Opening temperature: 3°C.
 Closing temperature: 4°C

CODE	DESCRIPTION
603040	15mm anti-freeze valve

TEMPERATURE GAUGES



In Line temperature gauge.
Temperature range 0-80°C

CODE	DESCRIPTION
675050	22 mm In line temperature gauge

PRESSURE GAUGES



Stainless steel housing, glycerine filled
pressure gauge.

CODE	DESCRIPTION
59311	0 - 1000kPa Back entry
59699	0- 2500kPa Bottom entry



Plumbers test kit with 1/2", 3/4" BSP and
M24X1 female adaptors and M22X1
Male adaptor complete with handy
protective pouch.

CODE	DESCRIPTION
590-PGS	Plumbers test kit

DEMAND WATER DISPENSOR



¾" BSP Male Iron Bib Type demand water dispenser – Stainless Steel Vandal resistant for public areas.

CODE	DESCRIPTION
CAL 01	¾" Demand water dispenser

SPARE PARTS FOR PRESSURE CONTROL VALVES



Spare cartridge for Adjustable pressure reducing valves for 536 Series. (15 - 50 mm)

CODE	SIZE
536004	15mm
536005	20mm and 25mm
536007	32mm
536008	40mm & 50mm



Spare cartridge for 533 series Pressure Control Valves. (15-22mm)

CODE	SIZE
533000	15 - 20mm

SOLAR WATER HEATING SPECIFIC ITEMS

SOLAR THERMOSTATIC MIXERS



Adjustable Thermostatic Mixing Valve for solar thermal systems. Nickel plated, DZR body. Male Union connections
 Max working pressure: 14 Bar
 Max inlet temperature: 100°C

CODE	DESCRIPTION
252150	22mm Solar thermostatic mixing valve
252140	15mm Solar thermostatic mixing valve

AIR RELEASE VALVES



Automatic air vent, brass body Nickel plated.
 Max working pressure 10 bar
 Max discharge pressure 5 bar
 Temp range -30 - 180 °C
 Comes with 3/8" x 1/2" BSP adaptor

CODE	DESCRIPTION
250031	Automatic air release valve

AIR RELEASE BALL COCKS



10mm MI x 10mm FI chrome plated ball cock for 250 air release valve.

CODE	DESCRIPTION
250300	10mm MI x 10mm FI CP ball cock

SOLAR EXPANSION RELIEF VALVES



Expansion relief valve for Solar thermal systems, brass body Nickel plated.
Temp range - 30 -160 °C
Max % of glycol 50% Discharge rating 15mm, 50kw

CODE	DESCRIPTION
253044	15mm FI x 20mm FI 400kPa
253046	15mm FI x 20mm FI 600kPa

SOLAR TEMPERATURE AND PRESSURE SAFETY VALVES



Temperature and Pressure Safety valve for Solar Thermal Systems.
DZR alloy body, Nickel Plated.
Setting temp: 90°C
Discharge rating 25Kw 400kPa

CODE	DESCRIPTION
309564	20mm 400kPa MI Safety Valve