

# inta

**PLUMBING, HEATING & RENEWABLES**

**COMMERCIAL COLLECTION**



# inta

## General information

### Office hours

Monday to Friday 8.30am to 5.00pm.

### Terms

A copy of Intatec's terms and conditions is available on the website [www.intatec.co.uk](http://www.intatec.co.uk) or by request.

### Property of goods

Until full payment is received, all goods supplied remain the property of Intatec Limited.

### Ordering

Carriage paid if order value over £100.

Small order charge of £10 applied to all orders under £100.

### Delivery

Carriage paid 1-3 day service, UK mainland only.

Please enquire at time of ordering.

### Warranty

#### Plumbing, Heating & Renewables:

Unless stated the guarantee period for all heating and plumbing products published in this brochure is 2 years and is limited to product replacement only.

#### Commercial Collection:

Unless stated the guarantee period for all commercial collection products published in this brochure is 1 year and is limited to spare parts or replacements .

\*Replacement products or replacement parts are available in the unlikely event of a manufacturing fault occurring. Liability does not cover consequential loss or damage.



Scan the code or visit  
**[intatec.co.uk](http://intatec.co.uk)**

### For on the spot help with:

- Problem solving
- Frequently asked questions
- Product information
- Product updates
- Product warranty registration



# inta

***Intatec is a major supplier to companies who expect to receive quality products and exceptional service.***

We are pleased to introduce our new combined catalogue featuring our extensive Plumbing, Heating & Renewables range and Commercial collection. From thermostatic radiator valves and expansion vessels to infrared touch free taps and soap dispensers, even domestic and commercial showering, Inta has the solution and stock to fulfill your requirements. The new combined catalogue does not feature prices and is intended to be used with the latest Intatec price list.

Intatec Limited are approved under the terms of the scheme for Management Systems to ISO 14001, ISO 9001 and ISO 45001.

***Our commitment is to search for products that can make a difference in efficiency and cost reduction, both now and in the future.***





# inta

## *Plumbing, Heating & Renewables*

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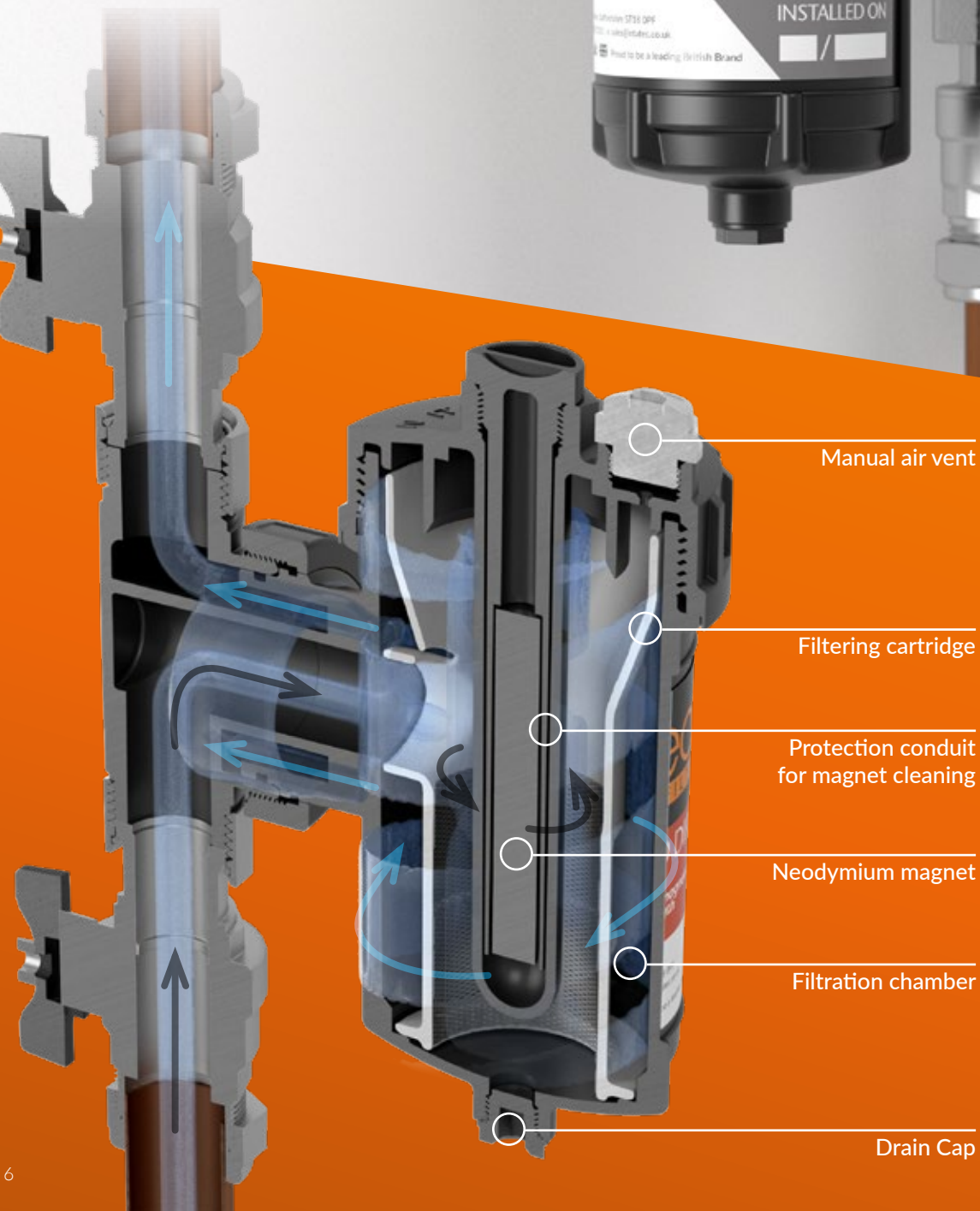
# intaKlean<sup>®</sup> HP

HEAT PUMP FILTER

The intaKlean HP Magnetic Air Source Heat Pump Filter, featuring inta's unique direct multi-layered non-ferrous fine filter, is the ideal solution to prevent costly and unnecessary system breakdowns caused by both magnetic and non-ferrous particulates in air source heat pump systems.

As well as separating magnetic debris and trapped air in circulating system fluid, intaKlean HP also includes a completely unique direct filter which contains a multi layered stainless steel 300 micron fine gauze. The system debris is forced directly into the filter, breaking down the debris, which then precipitates to the base of the pot.

The remaining magnetic debris is drawn to the centre of the filter and captured by the 11,000 gauss rare earth neodymium magnet.



## 1.01 IntaKlean HP

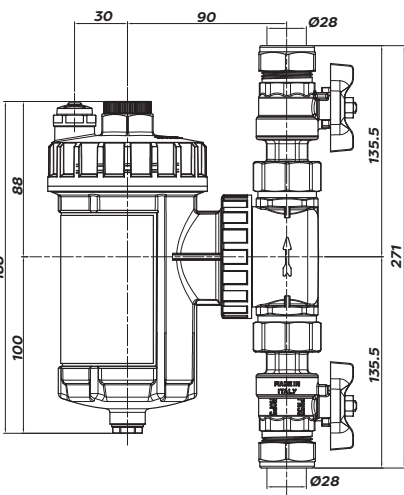
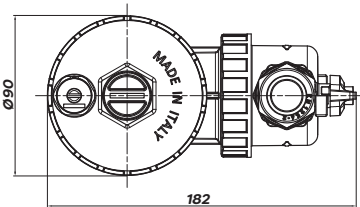
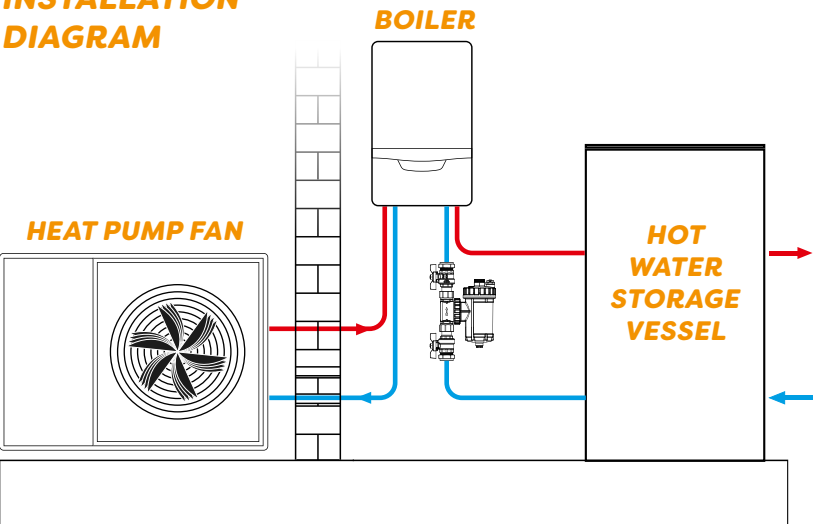
### INTAKLEAN HP MAGNETIC HEAT PUMP FILTER

CODE	A	B	C	D	E	F
IKHPMF28	28mm	94	90	182	188	271

- Actively filters magnetite and non-ferrous system debris
- Unique direct non-ferrous system filter forces system debris directly into the filters core to capture as much system debris as possible
- Multi-layered filter incorporating a 300 micron fine particle filter and a 800 micron mesh filter
- Low profile drain valve
- Fully removable 11,000 gauss magnet - service the system live
- 360° installation
- Full bore isolation valves
- Manual air vent



### INSTALLATION DIAGRAM

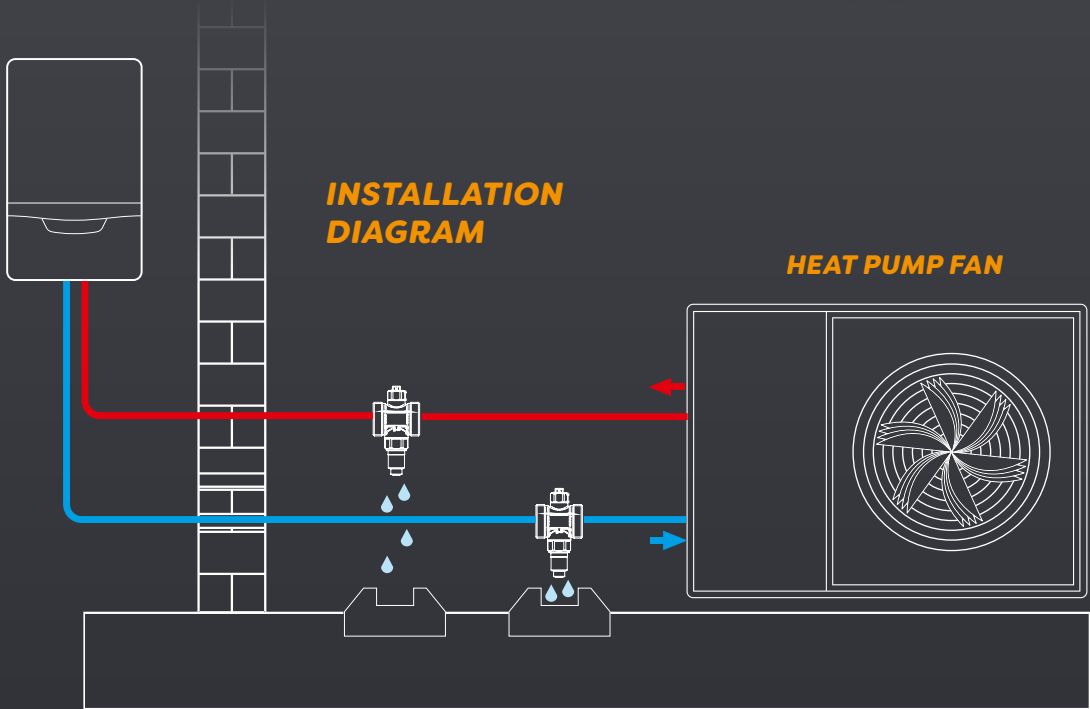




Inta Zero  
Anti-Freeze  
Valves

The Inta Zero is a unique anti-freeze valve designed and engineered to protect heat pump systems that are operating with water.

Designed to discharge when the system water temperature drops to 3°C, preventing ice from forming in the heat pump circuit that could cause breakdown or costly damage to the system.



Here at Inta we have launched a new range of heat pump components, to protect your system from unwanted debris and extreme temperatures while optimizing performance. A comprehensive range of products including our pre-built installer packs, providing everything you need in one convenient package.

ANTI-FREEZE VALVES

CODE	DESCRIPTION
ZERO001	Zero - Anti-freeze valve 1" male
ZERO28	Zero - Anti-freeze valve 28mm

Max inlet pressure (static): 10 Bar  
Medium: Water  
Sensitivity: +/-1°C  
Opening temperature: 3°C  
Closing Temperature: 4°C  
Valve body: UNI EN 12165 CW617N  
Spring: Stainless Steel  
Internal Seals: EPDM PEROX  
Internal Parts: UNI EN 12164 CW617N



BALL VALVES

CODE	DESCRIPTION
HPBV11	1" Female swivel x 1" male flat face extended lever ball valve
HPBV114	1 1/4" Female swivel x 1" male flat face extended lever ball valve
TR28LBV	28mm Lever ball valve blue / red lever
TR28BBV	28mm Butterfly ball valve blue / red handle
EXTKIT	Lever ball valve extension kit



BALL VALVES WITH FILTER

CODE	DESCRIPTION
BVF28	28mm Ball valve with 500 micron filter cartridge

FLOW BALANCING VALVES

CODE	DESCRIPTION
INFSV2840	28mm Flow balancing valve 5-40ltr
INFSV2850	28mm Flow balancing valve 10-50ltr



FLOW BALANCING VALVES WITH FILL AND FLUSH

CODE	DESCRIPTION
INFBV28	28mm Flow balancing valve with fill and flush 5-40ltr
INFBV2850	28mm Flow balancing valve with fill and flush 10-50ltr

FILL AND FLUSH VALVE

CODE	DESCRIPTION
INFAF22	22mm Fill and flush valve
INFAF28	28mm Fill and flush valve



### AIR REMOVAL

CODE	DESCRIPTION
AAV07911500B	15mm Auto air vent
IV22	22mm Inta Vent auto air eliminator
IV28	28mm Inta Vent auto air eliminator



### HEAT PUMP HOSES

CODE	DESCRIPTION
HPHOSE750	2 Pack 750mm pre insulated hoses 1" female swivel x 28mm
HPHOSE750B	2 Pack 750mm pre insulated hoses 1" female swivel elbow x 28mm



### BUFFER VESSELS

CODE	DESCRIPTION
BUFF25	25 Litre wall-mounted buffer vessel
BUFF50	50 Litre wall / floor mounted buffer vessel
BUFFEXP25	25 Litre floor standing buffer vessel with built in expansion
BUFFEXP50	50 Litre floor standing buffer vessel with built in expansion



### INTERMEDIATE VESSELS

CODE	DESCRIPTION
10000512	5 Litre intermediate vessel
10000837	8 Litre intermediate vessel
10001216	12 Litre intermediate vessel
10001836	18 Litre intermediate vessel
10003510	35 Litre intermediate vessel

### BY-PASS VALVES

CODE	SIZE	TYPE	SETTING RANGE	BOX QTY
ABPA28CP	28mm	angled	0.1 - 0.5 bar	-
ABPS28CP	28mm	straight	0.1 - 0.5 bar	45



### INSTALLER PACK 1

CODE	PACK QTY	DESCRIPTION
HPAFPAK1	2	1" Female swivel x 1" male flat face extended lever ball valve (HPBV11)
	1	28mm flow balancing valve 5-40ltr with fill and flush (INFBV28)
	1	Heat Pump Filter (IKHMPMF28)
	1	28mm auto by-pass valve straight (ABPS28CP)
	2	Anti-freeze valves (ZERO28)



### INSTALLER PACK 2

CODE	PACK QTY	DESCRIPTION
HPAFPAK2	2	1 1/4" Female swivel x 1" male flat face extended lever ball valve (HPBV114)
	1	28mm flow balancing valve 10-50ltr with fill and flush (INFBV28)
	1	Heat Pump Filter (IKHMPMF28)
	1	28mm Auto by-pass valve straight (ABPS28CP)
	2	Anti-freeze valves (ZERO28)



### INSTALLER PACK 3

CODE	PACK QTY	DESCRIPTION
HPAFPAK3	2	1" Female swivel x 1" male flat face extended lever ball valve (HPBV11)
	1	28mm flow balancing valve 5-40ltr with fill and flush (INFBV28)
	1	Heat Pump Filter (IKHMPMF28)
	1	28mm Auto by-pass Valve Straight (ABPS28CP)



### INSTALLER PACK 4

CODE	PACK QTY	DESCRIPTION
HPAFPAK4	2	1 1/4" Female swivel x 1" male flat face extended lever ball valve (HPBV114)
	1	28mm flow balancing valve 10-50ltr with fill and flush (INFBV28)
	1	Heat Pump Filter (IKHMPMF28)
	1	28mm Auto by-pass Valve Straight (ABPS28CP)





inta

Combined heating vessel and sealed system kit

intafil

- Manual set point indicator on gauge
- Fully CPR compliant where applicable
- Complies fully with G24.1 and G24.2 of the water regulations
- Provides flexible installation orientation
- 360° Fully rotatable safety relief valve
- Provided with wall mounting bracket where applicable
- Ideal for both new and retro-fit installations
- Large range of vessels available



360° FULLY ROTATABLE  
SAFETY RELIEF VALVE

1.02

Combined heating vessel and sealed system kit

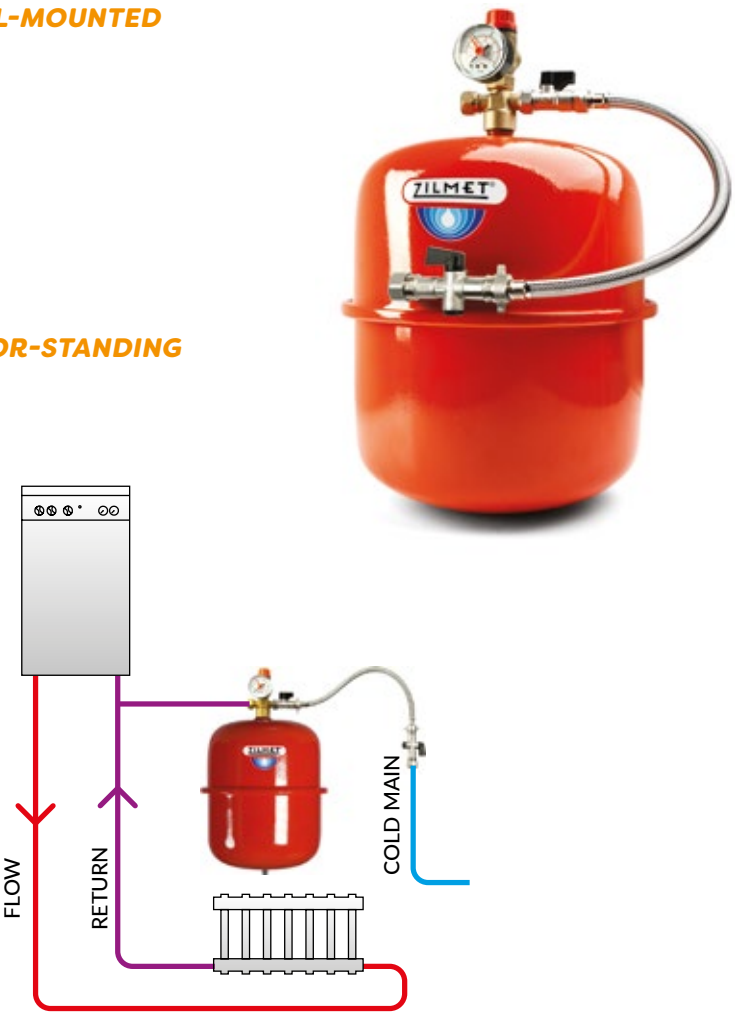
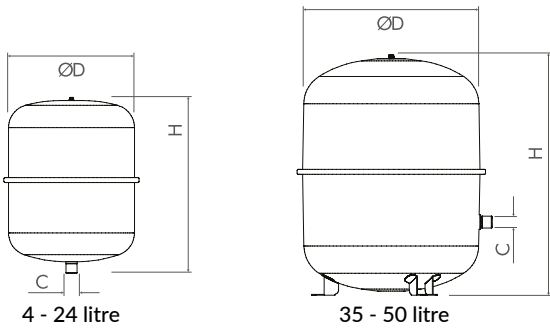
The Intafil sealed system kit is supplied with a filling loop, a double check valve with integral isolating ball valve, an isolating ball valve, a completely rotatable safety relief valve and pressure gauge.

INTAFIL PLUS SEALED SYSTEM KIT AND WALL-MOUNTED HEATING VESSELS

CODE	ØD	H	C
IFP4	225	195	3/4"
IFP8	220	295	3/4"
IFP12	294	287	3/4"
IFP18	290	400	3/4"
IFP24	324	415	3/4"

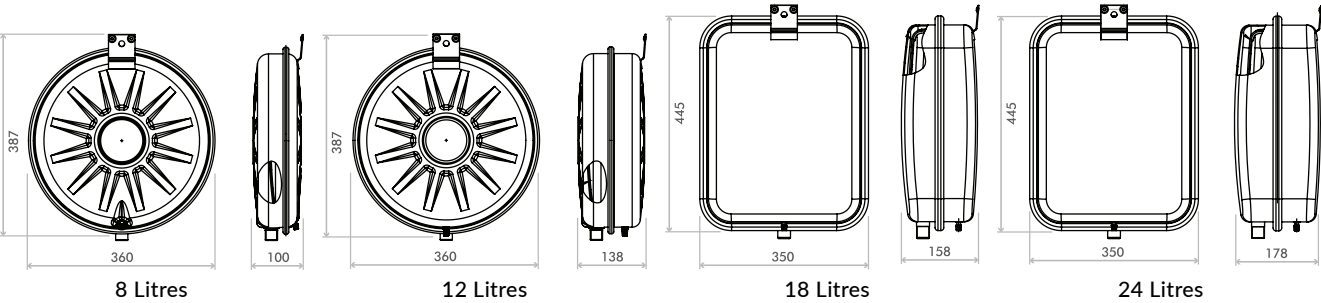
INTAFIL PLUS SEALED SYSTEM KIT AND FLOOR-STANDING HEATING VESSELS

CODE	ØD	H	C
IFP35	404	408	3/4"
IFP50	407	530	3/4"



INTAFIL SLIMLINE SEALED SYSTEM KIT AND WALL-MOUNTED HEATING VESSEL

CODE	DESCRIPTION
IFS08	8 Litre Intafil "slimline" sealed system kit and wall-mounted heating vessel
IFS12	12 Litre Intafil "slimline" sealed system kit and wall-mounted heating vessel
IFS18	18 Litre Intafil "slimline" sealed system kit and wall-mounted heating vessel
IFS24	24 Litre Intafil "slimline" sealed system kit and wall-mounted heating vessel



inta

Safe Group

- Ease of installation

Robust construction

All-in-one solution

Brass automatic air vent

Ideal solution for installations where space is limited

REF: ISG003 both the air vent and vessel connection are non return valves (for ease of maintenance)

Vessel not included



1.02

Sealed system equipment

All-new Inta Safe Group wall fixing bracket comprising of a wall fixing bracket with an automatic air vent, 3 bar safety relief valve, and vessel connection.

INTA SAFE GROUP EXPANSION VESSEL MOUNTING BRACKET

CODE	DESCRIPTION
ISG003	Inta Safe Group expansion vessel mounting bracket and non return valve
ISG002	Inta Safe Group expansion vessel mounting bracket

Suitable for Zilmët Cal Pro Heating Vessels only up to 24 litre



INTAFIL SEALED SYSTEM KIT

CODE	DESCRIPTION	BOX QTY
SSKA075	3/4" Intafil sealed system kit without bracket	12
SSKA076	3/4" Intafil sealed system kit with bracket	16
SSKA077	3/4" Intafil sealed system kit with bracket and remote safety valve	10
RSMB	Wall mounting bracket for 4-24l heating vessels	-
RSMB2	Wall mounting bracket for 4-24l potable vessels	-

Designed for expansion vessels with a 3/4" inlet







Carbon steel construction  
SBR synthetic rubber diaphragm  
according to DIN 4807-3  
Hard-wearing epoxy polyester  
powder coated finish  
100% Factory tested  
Fully CPR compliant

APPLICATION

In a closed heating system water cannot be compressed and any increase in water volume due to the increase of temperature is absorbed by the expansion vessel. When water is cold, the pre-charge pressure presses the diaphragm against the tank. As temperature increases, the expanded water volume pushes against the membrane and water enters the tank, providing additional space within the system. With the temperature decrease, the air cushion forces water back into the system. This allows the system to maintain the pressure, helping to reduce energy consumption of the heating system.



1.03  
Cal-Pro heating expansion vessels

Heating expansion vessels absorb the water volume variations in closed heating systems maintaining constant pressure, which helps to reduce energy consumption and protect your system.  
For our range of Intafil sealed system kits see page 15.

CAL-PRO HEATING EXPANSION VESSEL AND MOUNTING BRACKET

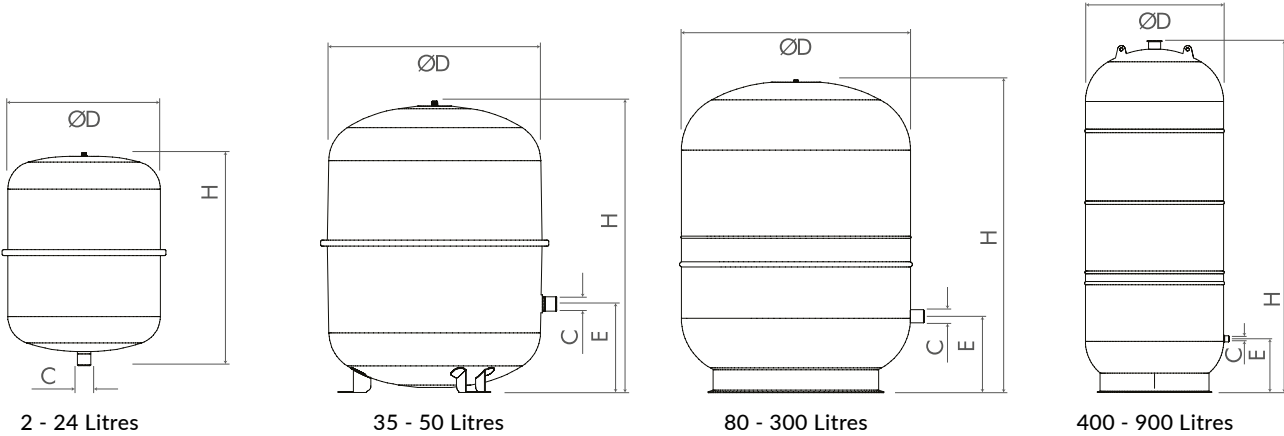
CODE	CAPACITY	ØD	H	E	C	MAX. WORKING PRESSURE	PRE-CHARGE
Z1-301004	4 Litres	225	195	-	3/4"	5 bar	1.5 bar
Z1-301008	8 Litres	220	295	-	3/4"	5 bar	1.5 bar
Z1-301012	12 Litres	294	281	-	3/4"	4 bar	1.5 bar
Z1-301018	18 Litres	290	375	-	3/4"	4 bar	1.5 bar
Z1-301024	24 Litres	324	415	-	3/4"	4 bar	1.5 bar

Supplied with bracket

CAL-PRO FLOOR-STANDING HEATING EXPANSION VESSEL

CODE	CAPACITY	ØD	H	E	C	MAX. WORKING PRESSURE	PRE-CHARGE
Z1-302035CP *	35 Litres	404	387	119	3/4"	4 bar	1.5 bar
Z1-302050CP *	50 Litres	407	507	157	3/4"	4 bar	1.5 bar
Z1-302080	80 Litres	450	608	150	3/4"	6 bar	2.0 bar
Z1-302105	105 Litres	500	665	165	3/4"	6 bar	2.0 bar
Z1-302150	150 Litres	500	897	216	3/4"	6 bar	2.0 bar
Z1-302200	200 Litres	600	812	225	3/4"	6 bar	2.5 bar
Z1-302250	250 Litres	630	957	245	3/4"	6 bar	2.5 bar
Z1-302300	300 Litres	630	1105	245	3/4"	6 bar	2.5 bar
Z1-302400	400 Litres	630	1450	245	3/4"	6 bar	2.5 bar
Z1-302500	500 Litres	750	1340	290	1"	6 bar	2.5 bar
Z1-302600	600 Litres	750	1555	290	1"	6 bar	2.5 bar
Z1-302750	700 Litres	750	1755	290	1"	6 bar	2.5 bar
Z1-302800	800 Litres	750	1855	290	1"	6 bar	2.5 bar
Z1-302900	900 Litres	750	2105	290	1"	6 bar	2.5 bar

\* Supplied with legs



Suitable for potable water, pumps and booster sets

Available in a range of sizes from 2 - 1000 litres

Galvanised steel flanges

Stainless steel threaded connection

100% factory tested

Fully certified according to PED 2014/68/EU

Maximum operating temperature: 99°C

Fixed membrane at both ends of the vessel prevents contact between the vessel and membrane

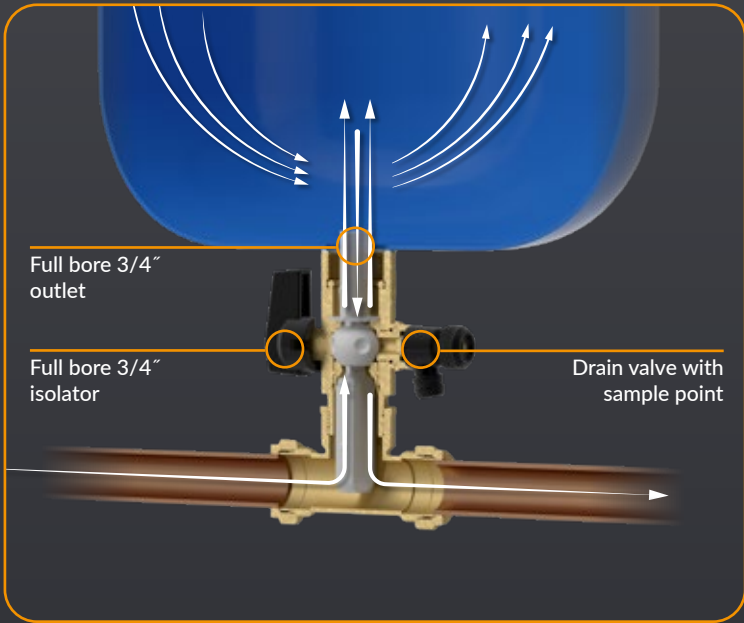
Mig welded carbon steel shell construction

Replaceable membrane

Externally finished in hard-wearing epoxy powder coating



The Intatec flow-through valve has been specifically designed and engineered to disrupt the flow and amplify turbulence within the expansion vessel installed onto heating and potable water systems, this is to help reduce the risk of stagnated water within the vessel. A flow paddle sits partially into the pipework and sends a stream of water into the vessel chamber to agitate its contents. The valve also comprises of a lockable anti-tamper control handle to stop unauthorised operation which may lead to damage of the system or its components

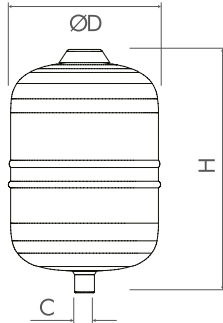


Suitable for a range of potable applications and complemented by a comprehensive range of sizes, Zilmét's potable vessel range is the installer's first choice. Internationally certified for use with potable water.

HYDRO-PRO WALL-MOUNTED POTABLE, FIXED MEMBRANE VESSEL

CODE	CAPACITY	ØD	H	L	E	C	MAX. WORKING PRESSURE	PRE-CHARGE
Z1-30002S*	2 Litres	142	196	-	-	1/2"	10 bar	3.5 bar
Z1-300005WH	5 Litres	160	270	-	-	3/4"	10 bar	3 bar
Z1-300008WH	8 Litres	200	280	-	-	3/4"	10 bar	3 bar
Z1-300012WH	12 Litres	270	264	-	-	3/4"	10 bar	2 bar
Z1-300018WH	18 Litres	270	349	-	-	3/4"	10 bar	2 bar
Z1-300024WH	24 Litres	300	392	-	-	1"	10 bar	2 bar
Z1-11A0003500	35 Litres	380	360	-	-	1"	10 bar	2 bar

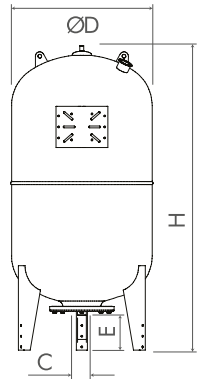
\*2ltr vessel is supplied in a grey finish



ULTRA-PRO FLOOR-STANDING, VERTICAL POTABLE VESSEL WITH INTERCHANGEABLE MEMBRANE

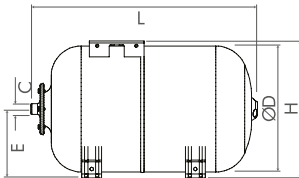
CODE	CAPACITY	ØD	H	L	E	C	MAX. WORKING PRESSURE	PRE-CHARGE
Z1-318050*	50 Litres	380	770	-	180	1"	10 bar	1.5 bar
Z1-318060*	60 Litres	380	860	-	170	1"	10 bar	1.5 bar
Z1-318080*	80 Litres	450	830	-	153	1"	10 bar	1.5 bar
Z1-318100	100 Litres	450	910	-	153	1"	10 bar	1.5 bar
Z1-318200	200 Litres	550	1235	-	210	1 1/2"	10 bar	1.5 bar
Z1-318300	300 Litres	630	1365	-	188	1 1/2"	10 bar	1.5 bar
Z1-318500	500 Litres	750	1560	-	188	1 1/2"	10 bar	1.5 bar
Z1-318750	750 Litres	750	2075	-	150	1 1/2"	10 bar	2 bar
Z1-3181000	1000 Litres	850	2100	-	120	1 1/2"	8 bar	2 bar

\*Not supplied with 1/2" connection at top of vessel



ULTRA-PRO FLOOR-STANDING, HORIZONTAL POTABLE VESSEL WITH INTERCHANGEABLE MEMBRANE

CODE	CAPACITY	ØD	H	L	E	C	MAX. WORKING PRESSURE	PRE-CHARGE
Z1-332551	24 Litres	270	290	485	-	3/4"	10 bar	1.5 bar
Z1-318051	50 Litres	380	410	560	-	1"	10 bar	1.5 bar
Z1-318061	60 Litres	380	410	640	-	1"	10 bar	1.5 bar
Z1-318081	80 Litres	450	480	640	-	1"	10 bar	1.5 bar
Z1-318101	100 Litres	450	480	730	-	1"	10 bar	1.5 bar
Z1-318201	200 Litres	550	580	985	-	1 1/2"	10 bar	1.5 bar
Z1-318301	300 Litres	630	660	1140	-	1 1/2"	10 bar	1.5 bar



i-BALL VORTEX FLOW-THROUGH VALVE

CODE	DESCRIPTION
FTV34.1 *	3/4" Flow-through valve
FTV22.1 *	22mm Flow-through valve
750032006	1 1/2" BSP Flow-through valve



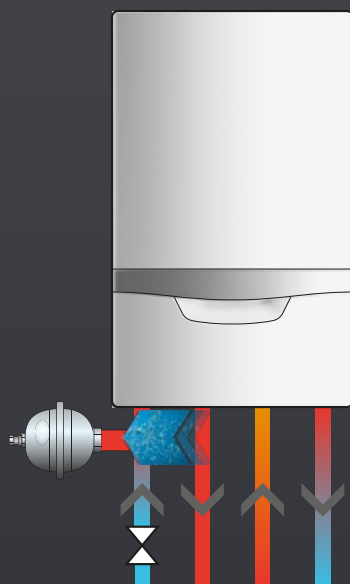


# inta

## Stainless steel expansion vessels



- Stainless steel construction
- Available in polished or dull finishes
- Ideal for installations where hygiene is at a premium
- Suitable for alimentary purposes
- Potable butyl membrane
- Compact design
- Internationally certified
- Maximum working temperature 99°C



### intaMinim®

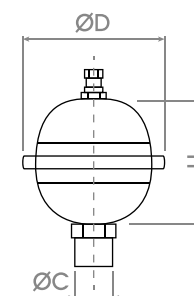
With the Inta Minim shock arrester kit installed between the water meter and boiler, system components are protected as the expanded water volume is harmlessly absorbed by the shock arrester.

## 1.05 Stainless steel expansion vessels

Stainless steel expansion vessels are an excellent choice for situations which require high hygiene standards and a practically limitless product life.

### INOX-PRO MINI-PRO SHOCK ARRESTOR VESSEL

CODE	CAPACITY	FINISH	ØD	H	C	MAX. WORKING PRESSURE	PRE-CHARGE
Z1-300016SSD	0.16 Litres	dull	82	72	1/2"G	15 bar	3.5 bar
Z1-300016SSCON	0.16 Litres	dull	82	72	15mm	15 bar	3.5 bar



### INOX-PRO INTA MINIM SHOCK ARRESTOR KIT

CODE	DESCRIPTION	BOX QTY
MSAK15	15mm Inta Minim shock arrester kit	10
MSAK22	22mm Inta Minim shock arrester kit	10
TP1023	15mm x 15mm x 1/2" female tee piece	-
TP1014	22mm x 22mm x 1/2" female tee piece	-

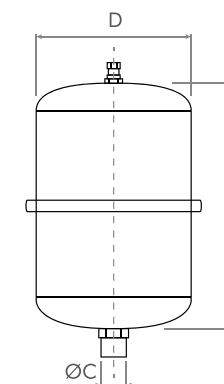
### SPRING LOADED SHOCK ARRESTOR

CODE	DESCRIPTION
SA30720400 *	Spring loaded shock arrester



### INOX-PRO STAINLESS STEEL EXPANSION VESSEL

CODE	CAPACITY	FINISH	ØD	H	C	MAX. WORKING PRESSURE	PRE-CHARGE
Z1-300050SSD	0.5 Litres	dull	94	119	1/2"G	10 bar	3.5 bar
Z1-300001SSD	1 Litres	dull	116	155	1/2"G	10 bar	3.5 bar
Z1-11B0000205	2 Litres	dull	140	196	1/2"G	10 bar	3.5 bar
Z1-300050SS	0.5 Litres	polished	94	119	1/2"G	10 bar	3.5 bar
Z1-300001SS	1 Litres	polished	116	155	1/2"G	10 bar	3.5 bar
Z1-300002P	2 Litres	polished	140	196	1/2"G	10 bar	3.5 bar
Z1-11B0000800	8 Litres	polished	198	275	3/4"G	10 bar	2.5 bar
Z1-300012	12 Litres	polished	270	270	3/4"G	10 bar	2.5 bar
Z1-300118	18 Litres	polished	270	349	1"G	10 bar	2.5 bar



# inta

*Authorised Zilmet  
distributor*

IT'S ALL IN THE NAME



FITTED WITH NEWLY-DEVELOPED,  
PATENTED ZILAN MEMBRANES

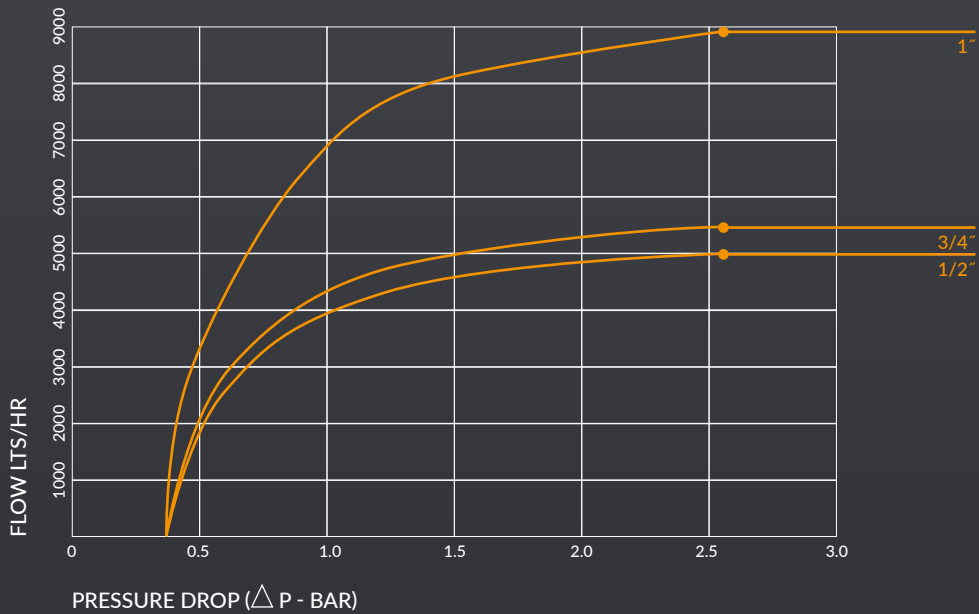




Conforms to BS EN 1567  
DZR brass construction  
Valves larger than 22mm and 3/4" feature a dial-up head and can be easily set by hand  
Designed for both domestic and commercial applications  
Controls static and dynamic pressure  
Available in sizes 15mm - 54mm and 1/2" - 2"  
Supplied with pressure gauge  
Can be installed vertically or horizontally  
Features an aisi 304 stainless steel cartridge filter  
Maximum inlet temperature 80°C  
Minimum working pressure 0.8 bar  
Factory pre-set at 3 bar



PRESSURE DROP



Inta's range of BS EN 1567 compliant pressure reducing valves feature a high temperature, easy-to-maintain cartridge in addition to a dial-up adjustment head, DZR brass construction and stainless steel integral filter. Supplied with an easy-to-read pressure gauge, they are suitable for both domestic and commercial applications.

MINI PRESSURE REDUCING VALVE WITH GAUGE

CODE	DESCRIPTION	SIZE	A	B	C	D	E	BOX QTY
MINIPRVG	Mini PRV with Gauge	15mm	43	87	91	60	151	50
PRV223305090.1 *	Mini PRV	15mm	52	32	40.5	59.5	100	6
PRV223305090G.1 *	Mini PRV with Gauge	15mm	52	32	40.5	59.5	100	-
PRV11391500.1	Mini PRV with Tamper Cap	15mm	52	32	40.5	59.5	100	50
PRV113903800	Mini PRV with Gauge	3/8"	52	32	40.5	59.5	100	20
PRV27190400	Mini PRV	½" F x ¾" M	55	32	40.5	59.5	100	40



PRESSURE REDUCING VALVES WITH GAUGE

CODE	A	B	C	D	E	BOX QTY
PRV22331510.1	15mm	103	75	19	46	10
PRV22332210.1	22mm	107	77	19	46	-
PRV223305000G.1	1/2"	75	76	18	46	-
PRV223307500G.1	3/4"	78	77	16	46	-

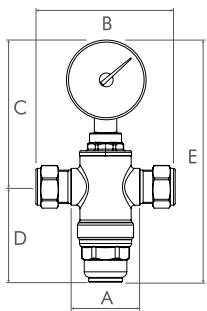


DIAL-UP PRESSURE REDUCING VALVE WITH GAUGE

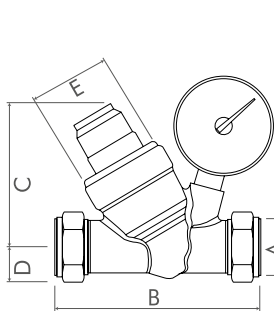
CODE	A	B	C	D	E
PRV22332810.1	28mm	131	134	25	61
PRV22333510.1	35mm	138	137	28	61
PRV22334210.1	42mm	148	142	30	61
PRV22335410.1	54mm	155	146	38	61

SCREWED IRON DIAL-UP PRESSURE REDUCING VALVES WITH GAUGE

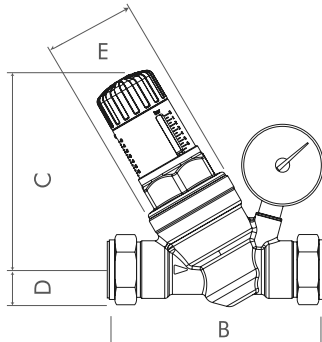
CODE	A	B	C	D	E
PRV223310000G.1	1"	199	134	24	61
PRV223312500G.1	1 1/4"	217	138	30	61
PRV223315000G.1	1 1/2"	236	144	37	61
PRV223320000G.1	2"	269	146	47	61



MINIPRVG

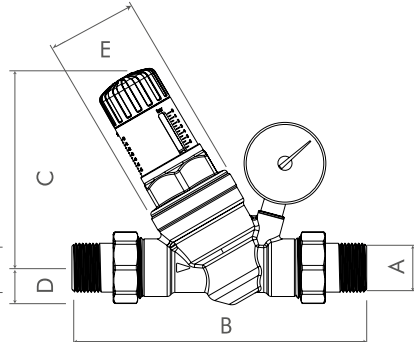


15-22mm and 1/2" - 3/4"



28mm - 54mm

E&OE



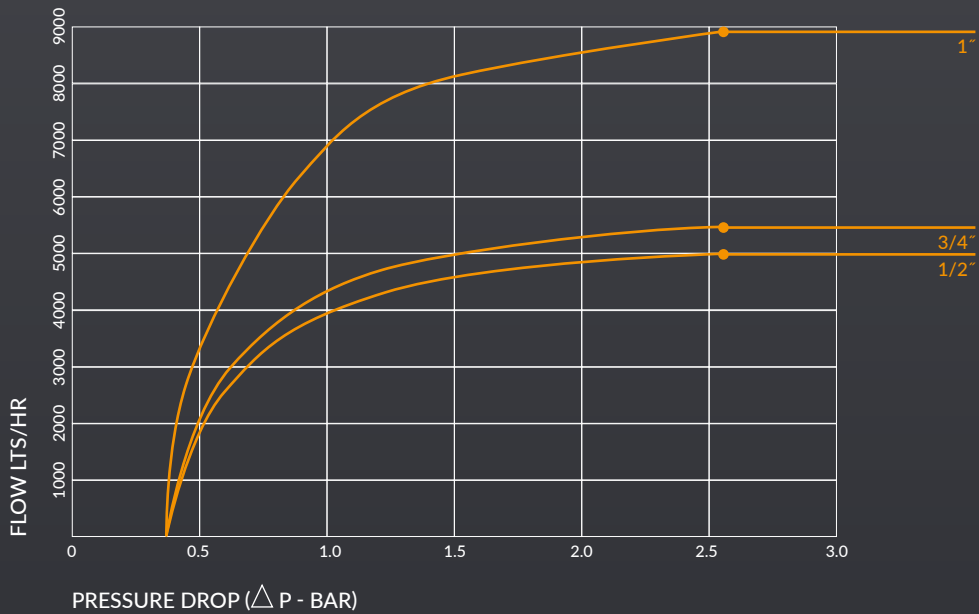
1" - 2"



Conforms to BS EN 1567  
DZR brass construction  
Valves larger than 22mm and 3/4" feature a dial-up head and can be easily set by hand  
Designed for both domestic and commercial applications  
Controls static and dynamic pressure  
Available in sizes 15mm - 54mm and 1/2" - 2"  
Can be installed vertically and horizontally  
Features an aisi 304 stainless steel cartridge filter  
Maximum inlet temperature 80°C  
Minimum working pressure 0.8 bar  
Adjustable pressure range 0.8 - 7 bar  
Factory pre-set at 3 bar  
Maximum inlet pressure 16 bar



PRESSURE DROP



Inta's range of BS EN 1567 compliant pressure reducing valves feature a high temperature, easy to maintain cartridge in addition to a dial-up adjustment head, DZR brass construction and stainless steel integral filter.

PRESSURE REDUCING VALVE WITHOUT GAUGE

CODE	A	B	C	D	E	BOX QTY
PRV22331500.1	15mm	103	75	19	46	10
PRV22332200.1	22mm	107	77	19	46	8
PRV223305000.1	1/2"	75	76	18	46	10
PRV223307500.1	3/4"	78	77	16	46	10



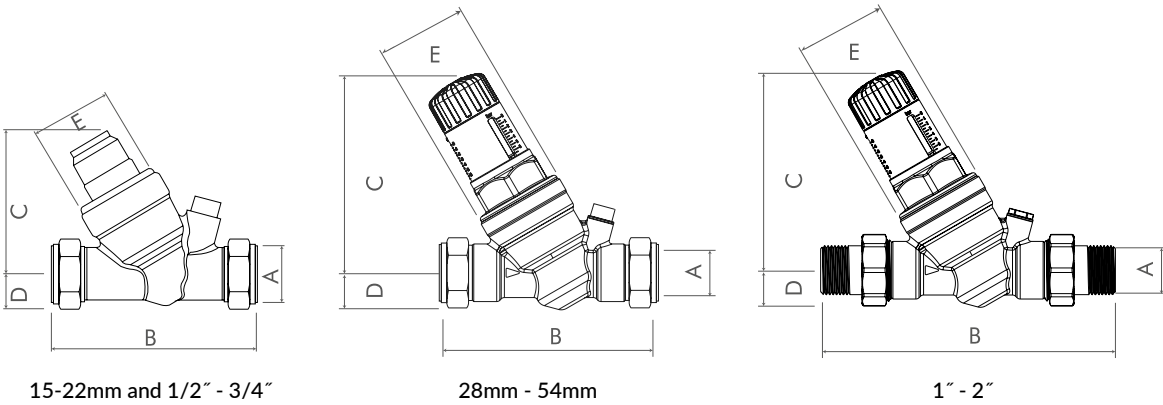
DIAL-UP PRESSURE REDUCING VALVE WITHOUT GAUGE

CODE	A	B	C	D	E	BOX QTY
PRV22332800.1	28mm	131	134	25	61	8
PRV22333500.1	35mm	138	137	28	61	-
PRV22334200.1	42mm	148	142	30	61	-
PRV22335400.1	54mm	155	146	38	61	-



SCREWED IRON DIAL-UP PRESSURE REDUCING VALVES WITHOUT GAUGE

CODE	A	B	C	D	E	BOX QTY
PRV223310000.1	1"	199	134	24	61	8
PRV223312500.1	1 1/4"	217	138	30	61	-
PRV223315000.1	1 1/2"	236	144	37	61	-
PRV223320000.1	2"	269	146	47	61	-





i-therm

Liquid filled sensor

Certified to EN215

Bi-directional

Control range 0 - 30°C

Maximum working pressure 10 bar

Maximum flow temperature 110°C

Frost protection position

Anti-chatter cartridge



Inta's thermostatic radiator valve is designed to be fitted in any orientation and with water flowing in either direction. We recommend that an automatic differential by-pass valve be fitted on all TRV systems.

I-THERM THERMOSTATIC RADIATOR VALVES

CODE	DESCRIPTION	BOX QTY
15TRVA	15mm angled TRV	50
108TRVA	10/8mm angled TRV	10
15TRVS	15mm straight TRV	10



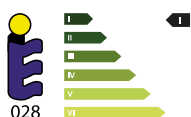
I-THERM+ THERMOSTATIC RADIATOR VALVE TWIN PACKS

CODE	DESCRIPTION	BOX QTY
15TWINA.1	15mm angled TRV with lockshield	50
108TWINA	10/8mm angled TRV with lockshield	10
15TWINS.1	15mm straight TRV with lockshield	10



I-THERM - TEN<sup>10</sup> THERMOSTATIC RADIATOR VALVE TWIN PACK WITH BS LOCKSHIELD

CODE	DESCRIPTION	BOX QTY
15TWINA10	15mm angled twin pack BS2767 LS	50
108TWINA10	10/8mm angled twin pack BS2767 LS	10
15TWINSCP10	15mm straight twin pack BS2767 LS	10



Supplied with our patented i-Ten<sup>10</sup> BS2767-10 lockshield



i-therm

- Liquid filled sensor
- Control range 0-30°C
- Maximum working pressure 10 bar
- Maximum flow temperature 110°C
- Frost protection position
- Anti-chatter cartridge



Inta's thermostatic radiator valve with chrome head is designed to be fitted in any orientation and with water flowing in either direction. We recommend that an automatic differential by-pass valve be fitted on all TRV systems.

I-THERM CHROME THERMOSTATIC RADIATOR VALVES

CODE	DESCRIPTION	BOX QTY
15TRVACP	15mm chrome angled TRV	10
15TRVSCP	15mm chrome straight TRV	10



I-THERM THERMOSTATIC RADIATOR VALVE TWIN PACK CHROME HEAD

CODE	DESCRIPTION	BOX QTY
15TWINACP.1	15mm chrome angled TRV with lockshield	10
15TWINSCP	15mm chrome straight TRV with lockshield	10



I-THERM THERMOSTATIC RADIATOR VALVE TWIN PACK CHROME HEAD AND POLISHED LOCKSHIELD

CODE	DESCRIPTION	BOX QTY
TRVAN15HP	15mm angled high polished TRV pack	20
TRVST15HP	15mm straight high polished TRV pack	20





# inta

Manual radiator valves

i-ten<sup>10</sup>

BS2767-10 manual lockshield valves

Patented design

Completely serviceable without the need for system drain down

Simply remove the valve head and replace one o-ring on a fixed position stem

No packing gland eliminates the problem of valves leaking from the spindle

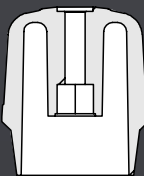
Positive closure is achieved via a solid brass chamfered disc, not a perishable rubber washer



RETAINING SCREW



COMBINED HANDWHEEL AND SHIELD



BONNET



O-RING 1



STEM



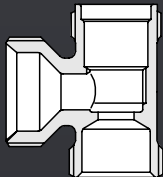
O-RING 2



DISC



BODY



1.08

## Manual radiator valves

Inta's range of BS2767-10 lockshield radiator valves are the last word in installer convenience. Their unique patented design eliminates the need for a conventional rising spindle and the inconvenient callbacks for weeping packing glands. The i-ten<sup>10</sup> is also available with our Class 1, Keymark-approved i-Therm TRV.

### I-TEN<sup>10</sup> MANUAL RADIATOR VALVES BS2767-10

CODE	DESCRIPTION	BOX QTY
15ABS2767	15mm WH/LS angled rad valve	10
10ABS2767	10/8mm WH/LS angled rad valve	10
15BS2767	15mm WH/LS straight rad valve	10



### ACCESSORIES

CODE	DESCRIPTION	BOX QTY
15DOT	15mm drain off tail piece	10

1510PFE*	15 x 10mm stem elbow (pairs)
1521PFE	15 x 15mm stem elbow (pairs)

\* When installing with plastic pipe, ensure the correct pipe stiffeners are used in line with the pipe manufacturer's guidelines.



### TELESCOPIC RADIATOR TAILS

CODE	DESCRIPTION	BOX QTY
TRT025	Telescopic radiator tail 0-25mm	10

TRT045	Telescopic radiator tail 0-45mm	10
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Smooth polished chrome finish  
Maximum operating pressure 10 bar  
Maximum operating temperature 100°C  
Brass construction  
Straight, angled or corner configurations available  
Multiple styling options



MODERN CHROME RADIATOR VALVES

CODE	DESCRIPTION	BOX QTY
1025CP	Angled modern chrome radiator valve	10
1024CP	Straight modern chrome radiator valve	10



CORNER CHROME RADIATOR VALVE

CODE	DESCRIPTION	BOX QTY
1032CP	Corner chrome radiator valve	10



SQUARE CHROME RADIATOR VALVES

CODE	DESCRIPTION	BOX QTY
1030CP	Angled square chrome radiator valve	24
1031CP	Straight square chrome radiator valve	24



MINIMALISTIC CHROME RADIATOR VALVES

CODE	DESCRIPTION
1023CP	Angled minimalist chrome radiator valve
1022CP	Straight minimalist chrome radiator valve



CROSS HANDLE CHROME RADIATOR VALVES

CODE	DESCRIPTION
1035CP	Angled cross handle chrome radiator valve
1034CP	Straight cross handle chrome radiator valve

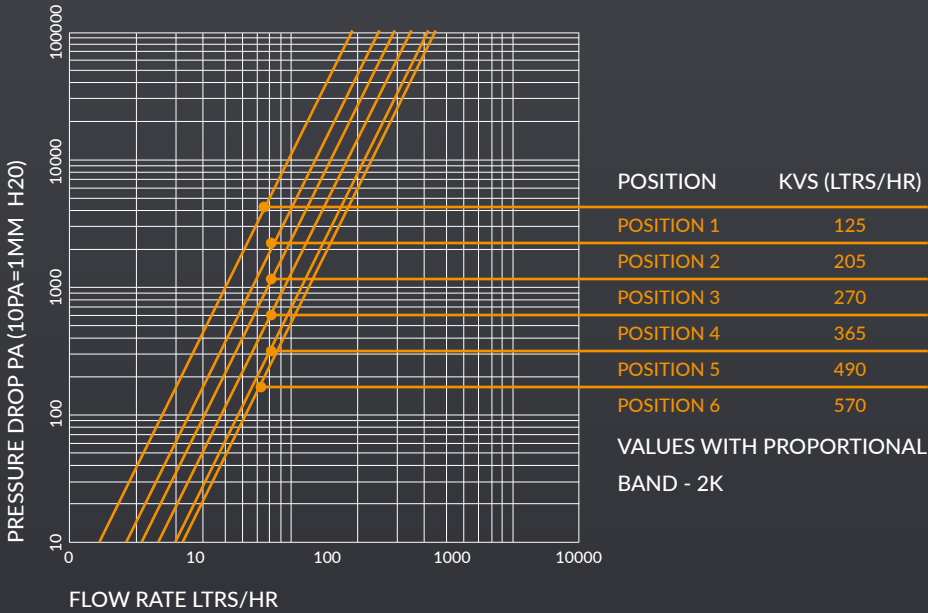




- Commercial thermostatic radiator valves with pre-set function
- Provides flow regulation in commercial two pipe systems
- Allows the installer to set the flow rate to a radiator based on the heat output required
- Increases energy efficiency
- Six easy-to-adjust pre-set values
- Tamper-proof after commissioning
- Available in 1/2" angled and straight pattern
- Optional Class 1 rated EN215 i-Therm thermostatic head
- Maximum flow temperature 110°C
- Maximum pressure 10 bar



STRAIGHT AND ANGLED VALVES WITH THERMOSTATIC HEAD



Inta's range of pre-settable commercial radiator valves enable installers to dictate the flow to individual radiators based on their heat output, reducing energy consumption and optimising system efficiency. These valves are also available with our Class 1 EN215 i-Therm thermostatic head.

COMMERCIAL PRE-SETTABLE THERMOSTATIC RADIATOR VALVES

CODE	DESCRIPTION
CPSTRV12A	1/2" BSP angled pre-settable TRV
CPSTRV12S	1/2" BSP straight pre-settable TRV



COMMERCIAL THERMOSTATIC RADIATOR VALVES

CODE	DESCRIPTION	BOX QTY
CTRVB12A	1/2" BSP angled TRV body only	10
CTRVB34A	3/4" BSP angled TRV body only	-

CTRVB12S	1/2" BSP straight TRV body only	10
CTRVB34S	3/4" BSP straight TRV body only	10

CTRVB12IN	1/2" BSP inverse TRV body only	10
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PRE-SETTABLE COMMERCIAL REVERSIBLE RADIATOR VALVE

Designed to be installed where a TRV head cannot be installed vertically. Can be mounted on either left or right hand side of the radiator and can be combined with TRV heads or external sensors.

CODE	DESCRIPTION	BOX QTY
CPSTRV12R	1/2" BSP reversible pre-settable TRV	10
CTRVB12R	1/2" BSP reversible angle TRV body only	10



COMMERCIAL LOCKSHIELD VALVES

CODE	DESCRIPTION	BOX QTY
CLS12A	1/2" BSP angled lockshield radiator valve	10
CLS34A	3/4" BSP angled lockshield radiator valve	10
CWHL12A	1/2" BSP wheel head angled radiator valve	12
CWHL34A	3/4" BSP wheel head angled radiator valve	10

CODE	DESCRIPTION	BOX QTY
CLS12S	1/2" BSP straight lockshield radiator valve	10
CLS34S	3/4" BSP straight lockshield radiator valve	10
CWHL12S	1/2" BSP wheel head straight radiator valve	12
CWHL34S	3/4" BSP wheel head straight radiator valve	8



- Pressure differential control maintaining pre-set flow rates
- Pre-set flow rates for commissioning
- Thermostatic control
- Maintaining the design efficiency of the system
- System remains balanced under fluctuating conditions
- Prevention of uncontrolled high secondary return temperatures under low load
- Reduced system noise



1.11

Pressure independent thermostatic radiator valves

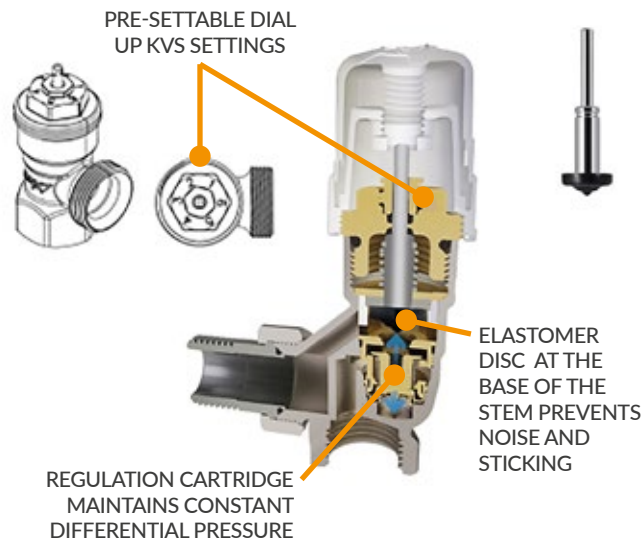
The thermostatic valve with pre-setting independent from pressure is a radiator valve that performs the functions of a thermostatic valve and a differential pressure regulator. Each pre-settable thermostatic valve comes with six pre-set Kv values. The flow rate pre-setting limits the maximum flow passing through the radiator and thereby ensures simple and effective radiator circuit balancing. The radiator valves feature an integral differential pressure regulator that maintains a constant pressure differential and set flow rate.

PTRV VALVES WITH LOCKSHIELD

CODE	DESCRIPTION
HY-PTRV12FA	PRTV angled valve with 1/2" female threaded connection radiator valve with i-Therm white TRV head and Lockshield
HY-PTRV15A	PRTV angled valve with 15mm connection radiator valve with i-Therm white TRV head and Lockshield
HY-PTRV12FS	PRTV straight valve with 1/2" female threaded connection radiator valve with i-Therm white TRV head and Lockshield
HY-PTRV15S	PRTV straight valve with 15mm connection radiator valve with i-Therm white TRV head and Lockshield

PTRV VALVES

CODE	DESCRIPTION
PTRV12FS	PTRV straight valve with 1/2" female threaded connection radiator valve with i-Therm white TRV head
PTRV15S	PTRV straight valve with 15mm connection radiator valve with i-Therm white TRV head
PTRV12FA	PTRV angled valve with 1/2" female threaded connection radiator valve with i-Therm white TRV head
PTRV15A	PTRV angled valve with 15mm connection radiator valve with i-Therm white TRV head



PRE-SETTABLE DIAL UP KVS SETTINGS FOR PTRV		THERMOSTATIC HEAD TEMPERATURE SETTINGS	
1	25 l/h	*	7°C
2	35 l/h	1	10°C
3	55 l/h	2	15°C
4	80 l/h	3	20°C
5	95 l/h	4	25°C
6	120 l/h	5	30°C



# inta

## Radiator valve accessories

Inta's range of pre-settable commercial radiator valves enable installers to dictate the flow to individual radiators based on their heat output, reducing energy consumption and optimising system efficiency. These valves are also available with our Class 1 EN215 i-Therm thermostatic head.

### THERMOSTATIC HEADS

CODE	DESCRIPTION
TRVHEAD1	i-Therm white thermostatic replacement head
TRVHEAD1CP	i-Therm chrome thermostatic replacement head

LSTRS	i-Therm remote LST sensor head
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TRVHEADRS	i-Therm remote sensor thermostatic head
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TRVEAH2230	i-Therm 2-wire 230v actuator thermostatic head
TRVEAH224	i-Therm 2-wire 24v actuator thermostatic head
TRVEAH4230	i-Therm 4-wire 230v actuator thermostatic head
TRVEAH424	i-Therm 4-wire 24v actuator thermostatic head

### ANTI-VANDAL ACCESSORIES

CODE	DESCRIPTION
ATTRVC	i-Therm anti-theft TRV collar
ATTRVHC	i-Therm anti-tamper, vandal proof TRV head collar



# inta

# HIPER

## Heat Interface Unit



BIM Level 2 revit models ready and available at BIMstore  
[www.bimstore.co/manufacturers/intatec](http://www.bimstore.co/manufacturers/intatec)

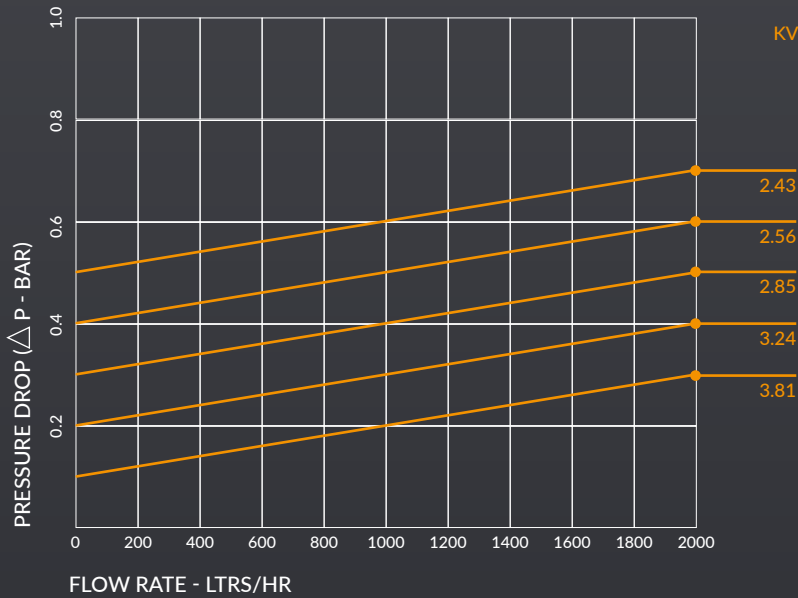


- Improves boiler efficiency
- Decreases system component wear
- Helps maintain a minimum system flow rate
- Saves energy by only allowing flow to pass through the valve when needed
- Improves the control of systems fitted with thermostatic radiator valves
- Helps reduce noisy system pipe work
- Maximum working temperature 100°C
- Maximum working pressure 10 bar
- Flow capacity 1 - 5m³/h
- Range of connection sizes and types to suit a variety of installations
- Anti-tamper option available



ANGLED: ABPA22AT      STRAIGHT: ABPS22AT

FLOW CHART AND KV VALUES



1.12  
By-pass valves

Inta's automatic by-pass valves are suitable for all heating systems up to 10 bar static pressure where a boiler by-pass is required or where thermostatic radiator valves are installed.

ANTI-TAMPER BY-PASS VALVES

CODE	SIZE	TYPE	SETTING RANGE	BOX QTY
ABPA22AT	22mm	angled	0.1 - 0.5 bar	72
ABPS22AT	22mm	straight	0.1 - 0.5 bar	45



BY-PASS VALVES

CODE	SIZE	TYPE	SETTING RANGE	BOX QTY
ABPA401022	22mm	angled	0.1 - 0.5 bar	72
ABPS402022	22mm	straight	0.1 - 0.5 bar	45
ABPA28CP	28mm	angled	0.1 - 0.5 bar	63
ABPS28CP	28mm	straight	0.1 - 0.5 bar	63



BY-PASS VALVES SETTING RANGE 0.1-0.7 BAR

CODE	SIZE	TYPE	SETTING RANGE
BP01242200	22mm	angled	0.1 - 0.7 bar



F X M BY-PASS VALVES SETTING RANGE 0.1-0.7 BAR

CODE	SIZE	TYPE	SETTING RANGE
BP012407500	3/4" F x M	angled	0.1 - 0.7 bar
BP012410000	1" F x M	angled	0.1 - 0.7 bar
BP012412500	1 1/4" F x M	angled	0.1 - 0.7 bar





Fully compliant to part G24 of the water regulations

DZR brass construction

Provides a temporary connection between the cold main and a sealed heating system

Prevents cross-contamination

Maximum operating pressure (static) 10 bar

Maximum operating temperature (water) 0 - 90°C

Blanking caps available to protect your installation from debris once the filling loop has been removed



G24 COMPLIANT FILLING LOOP WRAS

CODE	DESCRIPTION	BOX QTY
FL12041500	15mm G24 WRAS approved filling loop	20
FL12041510	15mm G24 WRAS approved filling loop with end caps	20
ECAP2046	1/2" Filling loop end caps	-
FL12041515	15mm Filling loop with gauge	5



DOUBLE CHECK VALVES WITH ISOLATING VALVE

CODE	DESCRIPTION	BOX QTY
DCV0123.1*	15mm DZR double check valve with isolating valve	10
DCV0123*	15mm DZR double check valve with isolating valve	10
FLDCV15	15mm DZR double check valve with isolating valve and port	10



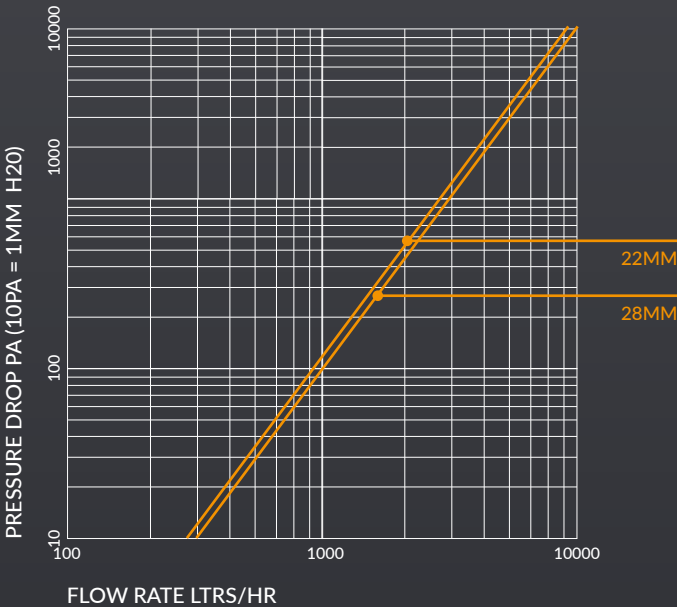
CHECK VALVES

CODE	DESCRIPTION	BOX QTY
DCV15	15mm Double check valve with drain port	10
DCV22	22mm Double check valve with drain port	5
ZSCV15	15mm Single check valve nickel plated DZR brass	10
SCV15	15mm Single check valve nickel plated	-
SCV22	22mm Single check valve nickel plated	10
SCV28	28mm Single check valve nickel plated	5
NRV0860050	1/2" F x F brass non return valve	10
NRV0860075	3/4" F x F brass non return valve	-
NRV0860100	1" F x F brass non return valve	-
NRV0860125	1 1/4" F x F brass non return valve	-
NRV0860200	1 1/2" F x F brass non return valve	2
NRV0860150	2" F x F brass non return valve	4
NRV3082250	2 1/2" F x F brass non return valve	-
NRV3082300	3" F x F brass non return valve	-
NRV3082400	4" F x F brass non return valve	-



intaKlean<sup>2</sup>

- Actively filters magnetite and non-ferrous debris
- Convenient in-line installation
- 360° Fully-rotatable filter pot
- Small installation footprint
- Full bore butterfly ball valves
- Low profile drain valve
- Unique double gauze non-ferrous filter
- Magnet can be removed with the system live for effortless servicing
- Includes manual air vent



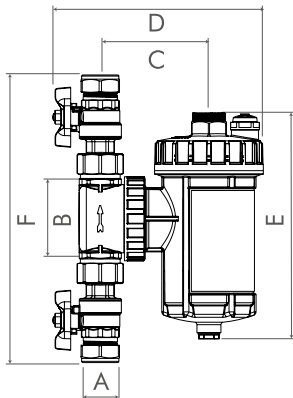
1.14

Magnetic filters and strainers

Our magnetic filters are the best solution to solve contamination problems resulting from the presence of particles in fluid-based heating systems.

INTAKLEAN MAGNETIC SYSTEM FILTER

CODE	A	B	C	D	E	F	BOX QTY
IK2MF22	22mm	94	90	175	188	239	10
IK2MF28	28mm	94	90	182	188	271	-
IK2MF114	1 1/4"	94	90	182	188	253	-

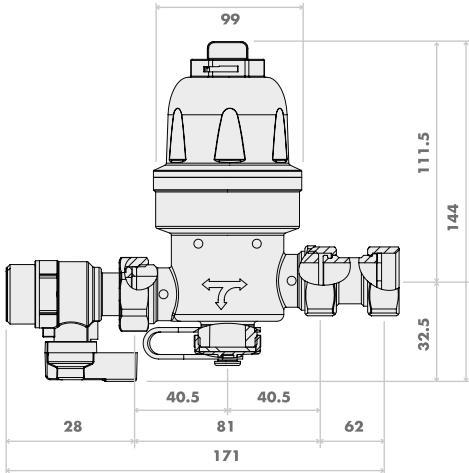
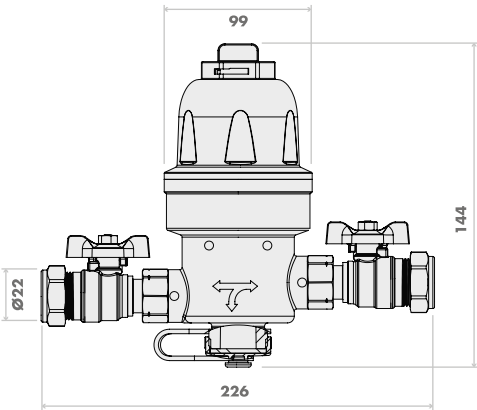


INTAKLEAN NANO MAGNETIC SYSTEM FILTER

Compact magnetic filter designed for use on fluid heating systems, the perfect solution for where clean and efficient systems are required but a small installation footprint is paramount.

CODE	DESCRIPTION
IKN22	22mm IntaKlean Nano magnetic system filter
IKN34	3/4" IntaKlean Nano magnetic system filter

- Effectively filters ferrous and non ferrous system debris
- Specific compact design for small installation footprints
- Transparent settling chamber to easily identify servicing requirements
- 12,000 Gauss, fully removable dry pocket magnet
- 800µm stainless steel filter cartridge for ultimate particle capture
- Multiple inlet/outlet variations to suit any installation requirement



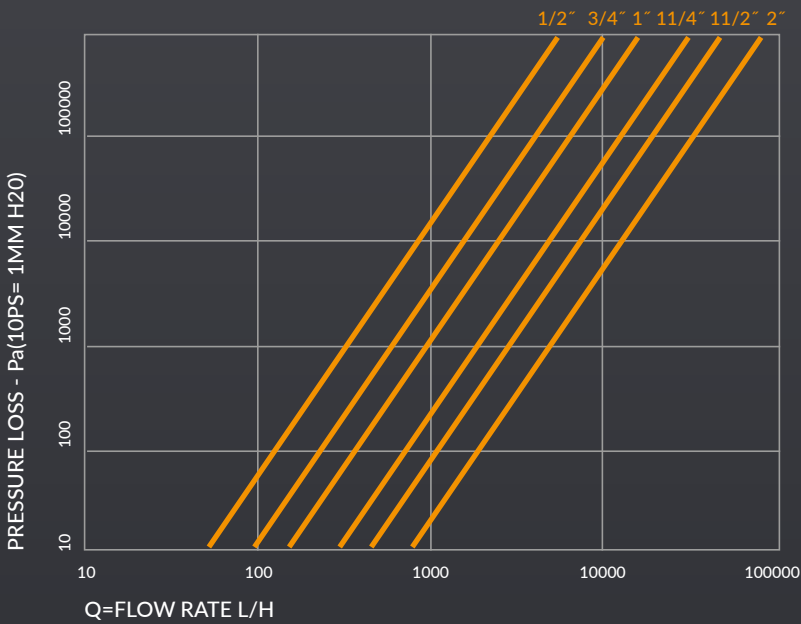


# inta

## Magnetic filters and strainers



- Integral stainless steel filter with 100 micron mesh gauze
- Filter basket incorporates a self closing valve to prevent impurities from falling into the filter
- Fitted with a dosage point to add treatment fluids easily, for dosing pot see IMPACK
- Multiple inlet combinations
- Option of in-line or by-pass installation on a heating system
- Reduced maintenance cost
- Magnets protected from contact with water making it easier to maintain
- The large water content extends maintenance intervals
- The possibility of cleaning the filter without draining system
- Anti-condensation insulation jacket also available



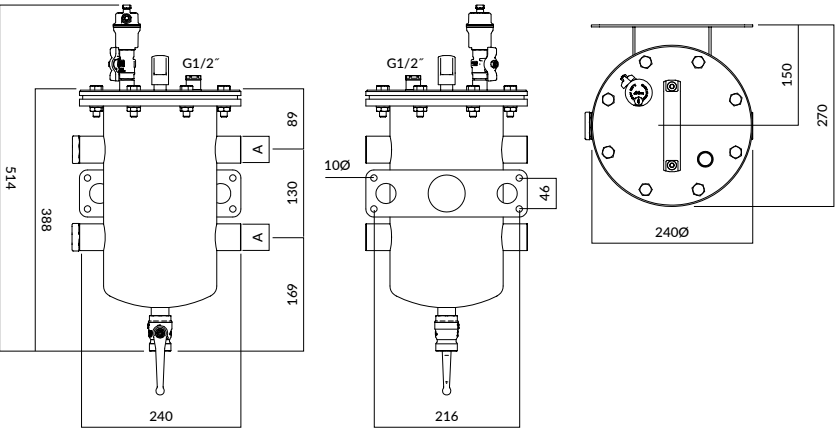
1.14

## Magnetic filters and strainers

The Inta Mag Pro represents the best solution to resolve system debris problems resulting from particles of corrosion and other debris that form during the normal operation of a heating or cooling system.

### INTA MAG PRO

CODE	DESCRIPTION	A
IMP01	Inta Mag Pro 1/2"	G1/2"
IMP02	Inta Mag Pro 3/4"	G3/4"
IMP03	Inta Mag Pro 1"	G1"
IMP04	Inta Mag Pro 1 1/4"	G1 1/4"
IMP05	Inta Mag Pro 1 1/2"	G1 1/2"
IMP06	Inta Mag Pro 2"	G2"



### INTA MAG PRO ACCESSORY PACKS

CODE	DESCRIPTION
IMPACT01	Inta Mag Pro 1/2" accessory pack
IMPACT02	Inta Mag Pro 3/4" accessory pack
IMPACT03	Inta Mag Pro 1" accessory pack
IMPACT04	Inta Mag Pro 1 1/4" accessory pack
IMPACT05	Inta Mag Pro 1 1/2" accessory pack
IMPACT06	Inta Mag Pro 2" accessory pack



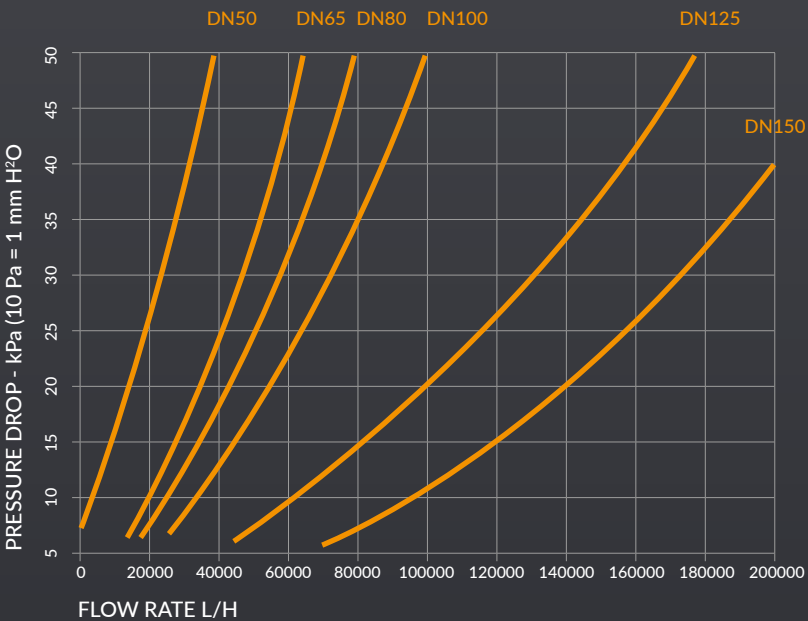
Dosing funnel complete with isolation valve, 2 x isolating ball valves

inta

Magnetic filters and strainers



- Removes any impurities
- Helps to maintain optimum system efficiency
- Reinforced stainless steel mesh with 100 micron filter
- Fitted with a dosing point to add treatment fluids easily, for dosing pot see Z1-DP
- Magnets protected from contact with water making it easier to maintain
- The large removable basket with check valve prevents impurities from falling into the filter
- The large water content extends maintenance intervals
- The possibility of cleaning the filter without draining system
- Anti-condensation insulation jacket also available upon request
- Inlet and outlet pressure gauge to assist with servicing intervals
- Height adjustment using adjustable legs
- Manual and automatic air venting points



1.14

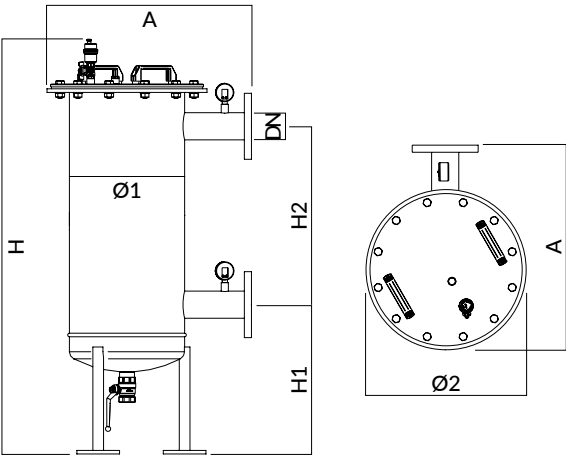
Magnetic filters and strainers

The Inta Mag Pro Plus represents the best solution to resolve system debris problems resulting from particles of corrosion and other debris that form during the normal operation of a heating or cooling system.

INTA MAG PRO PLUS

CODE	DESCRIPTION	DN*	A	Ø1	Ø2	H1*	H2	H*
IMPPL02	Inta Mag Pro Plus 2"	50	473	220	346	385	450	1060
IMPPL25	Inta Mag Pro Plus 2 1/2"	65	575	324	450	419	500	1162
IMPPL03	Inta Mag Pro Plus 3"	80	575	324	450	419	500	1162
IMPPL04	Inta Mag Pro Plus 4"	100	575	324	450	419	500	1162
IMPPL05	Inta Mag Pro Plus 5"	125	656	406	532	435	550	1241
IMPPL06	Inta Mag Pro Plus 6"	150	656	406	532	435	550	1241

\* Suitable for connecting to BS EN 1092-1 flanges  
# Minimum value - supplied with adjustable legs extendable by approximately 200mm



INTA MAG PRO PLUS ACCESSORIES

CODE	DESCRIPTION
Z1-DP	Dosing funnel for Inta Mag Pro Plus

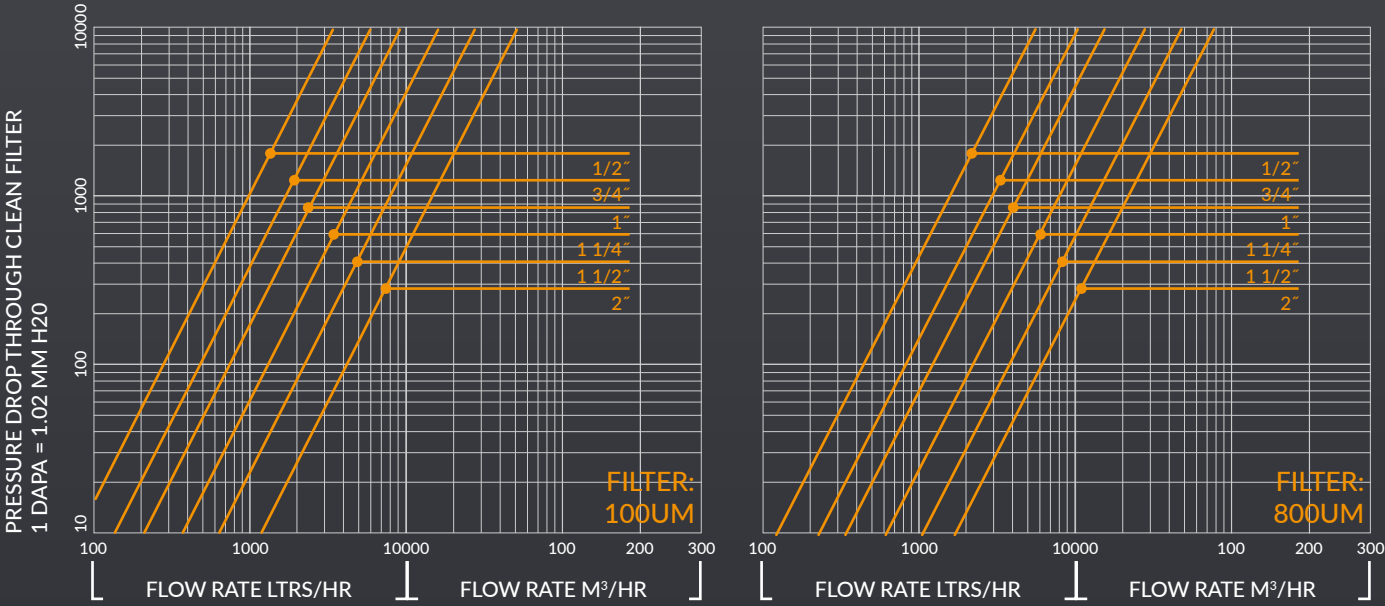




- Passively filters debris and particles
- Convenient in-line design
- Ease of maintenance
- Available in a range of sizes with 50, 100 and 800 micron filters
- Maximum pressure (static) 16 bar
- Maximum temperature 100°C
- Fluid type: water



FLOW RATES AND PRESSURE DROP



Magnetic filters and strainers

Inta’s Y-pattern strainers are designed to be fitted conveniently in-line and are available in a wide range of sizes and with 50, 100 and 800 micron filter gauzes.

Y-PATTERN STRAINER CARTRIDGE 50 MICRONS

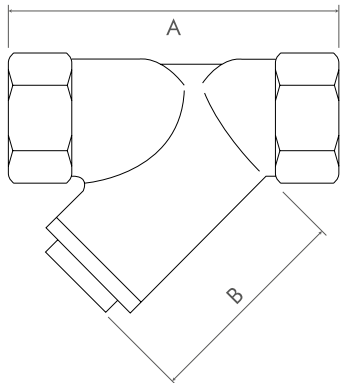
CODE	DESCRIPTION	BOX QTY
YPCART1550	15mm Y-pattern strainer cartridge	20
YPCART2250	22mm Y-pattern strainer cartridge	-

Y-PATTERN STRAINER 100 MICRONS

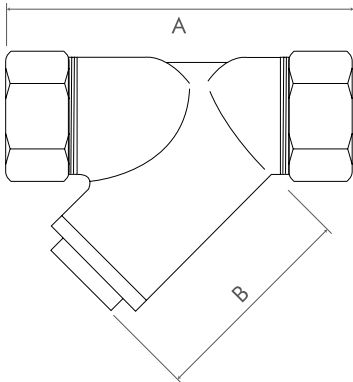
CODE	CONNECTION	A	B	BOX QTY
YPS085815100	15mm	71	57	20
YPS085822100	22mm	90	70	10
YPS085828100	28mm	103	78	6
YPS0858050100	1/2" F x F	44	57	20
YPS0858075100	3/4" F x F	53	70	12
YPS0858100100	1" F x F	56	78	36
YPS0858125100	1 1/4" F x F	70	97	12
YPS0858150100	1 1/2" F x F	80	106	20
YPS0858200100	2" F x F	95	126	-

Y-PATTERN STRAINER 800 MICRONS

CODE	CONNECTION	A	B	BOX QTY
YPS085815800	15mm	77	57	20
YPS085822800	22mm	93	70	10
YPS085828800	28mm	114	78	6
YPS0858050800	1/2" F x F	44	57	20
YPS0858075800	3/4" F x F	53	70	20
YPS0858100800	1" F x F	56	78	8
YPS0858125800	1 1/4" F x F	70	97	30
YPS0858150800	1 1/2" F x F	80	106	10
YPS0858200800	2" F x F	95	126	-



Female connection



Compression connection

Inta's straight in-line filters are designed to be fitted conveniently in-line and are available in a wide range of sizes with both 100 and 800 micron filter gauzes.

- Passively filters debris and particles
- Convenient in-line design
- Ease of maintenance
- Available in a range of sizes with 100 and 800 micron filters
- Maximum pressure (static) 16 bar
- Maximum temperature 100°C
- Fluid type: water
- Industrial range available



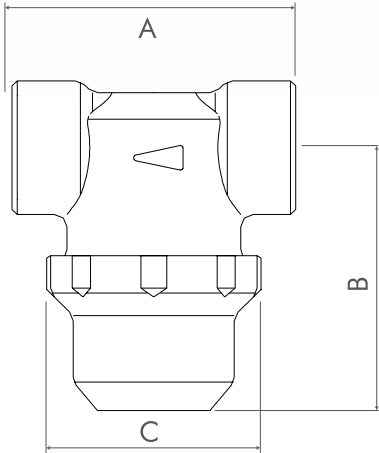
IN-LINE BOWL FILTER 100 MICRON

CODE	CONNECTION	A	B	C	BOX QTY
ILF000315100	15mm	77	53.5	42	20
ILF000322100	22mm	93	52.5	47.5	10
ILF000328100	28mm	114	55.5	58	4
ILF0003038100	3/8" F x F	50	51	42	-
ILF0003050100	1/2" F x F	56	53.5	42	10
ILF0003075100	3/4" F x F	67	51.5	47.5	10
ILF0003100100	1" F x F	80	55.5	58	-
ILF0003125100	1 1/4" F x F	95	68.5	70	-
ILF0003150100	1 1/2" F x F	110	93.5	80	2
ILF0003200100	2" F x F	110	93.5	80	-



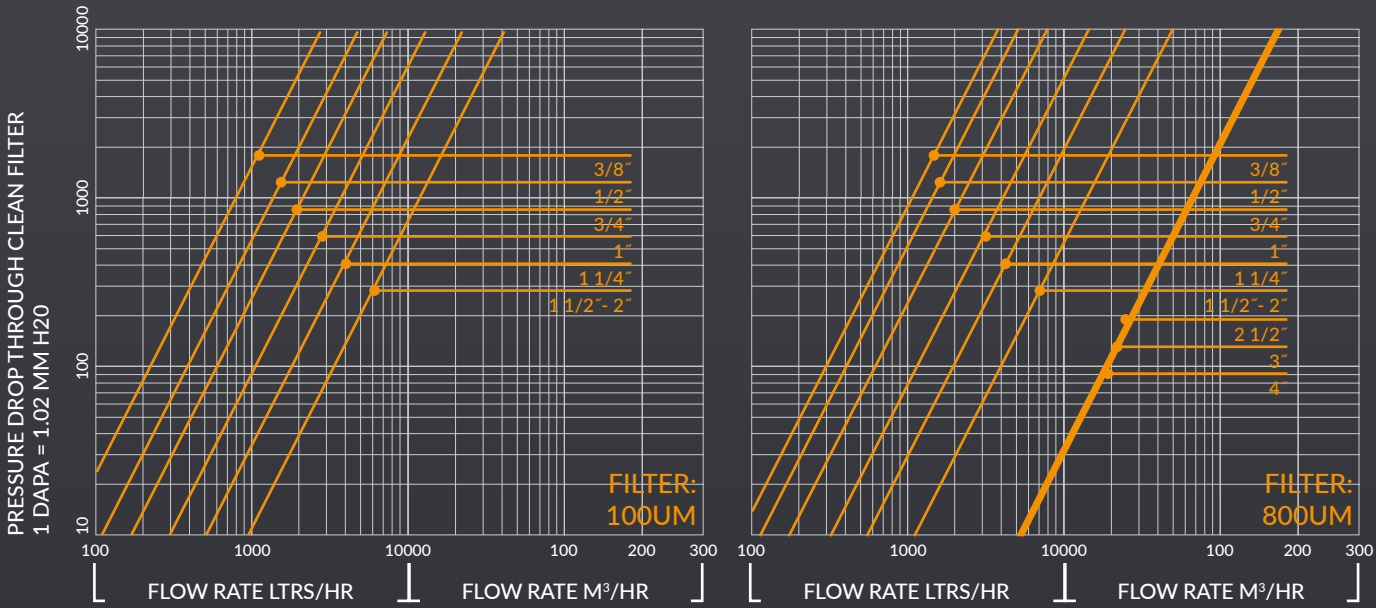
IN-LINE BOWL FILTER 800 MICRON

CODE	CONNECTION	A	B	C	BOX QTY
ILF000315800	15mm	77	53.5	42	20
ILF000322800	22mm	93	52.5	47.5	10
ILF000328800	28mm	114	55.5	58	4
ILF0003038800	3/8" F x F	50	51	42	-
ILF0003050800	1/2" F x F	56	53.5	42	10
ILF0003075800	3/4" F x F	67	51.5	47.5	10
ILF0003100800	1" F x F	80	55.5	58	-
ILF0003125800	1 1/4" F x F	95	68.5	70	4
ILF0003150800	1 1/2" F x F	110	93.5	80	2
ILF0003200800	2" F x F	110	93.5	80	2



Other sizes available on request.  
Please contact our sales department for more information: 01889 272180

FLOW RATES AND PRESSURE DROP



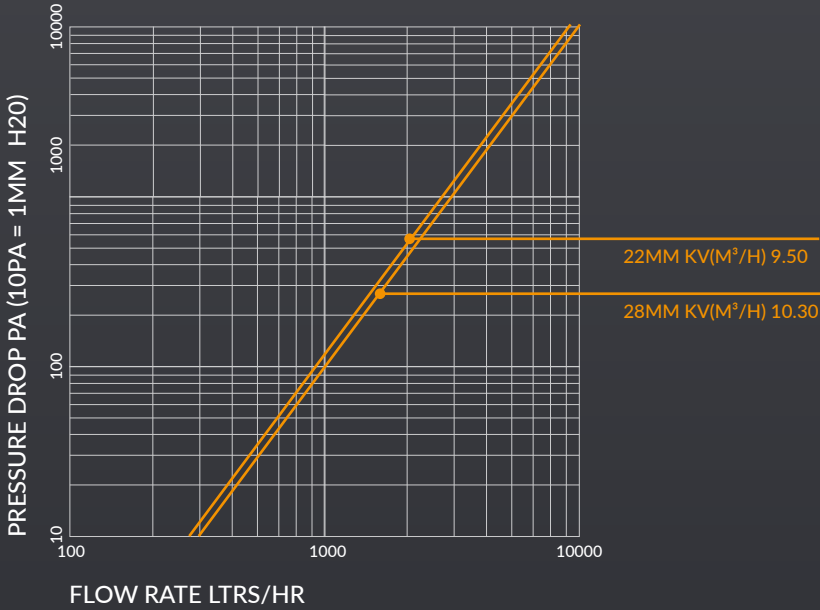


inta-Vent®

- Automatically removes trapped air
- Maximum discharge pressure 10 bar
- Maintains optimum system conditions
- Improves fuel efficiency
- Reduces wear on system components
- Decreases corrosion
- Reduces radiator cold spots
- Eliminates noisy pipework



PRESSURE DROP GRAPH

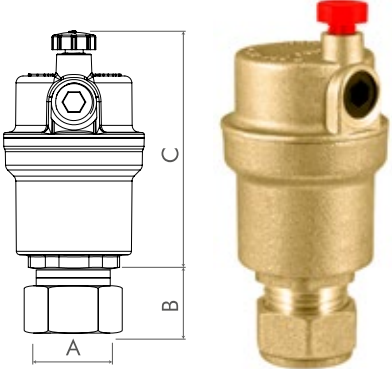


1.15  
Air / dirt elimination

Inta's all-brass automatic air vents have been designed for use in sealed systems to continually remove the build up of air from circulating fluid, eliminating the need to manually vent the system.

AUTOMATIC AIR VENTS

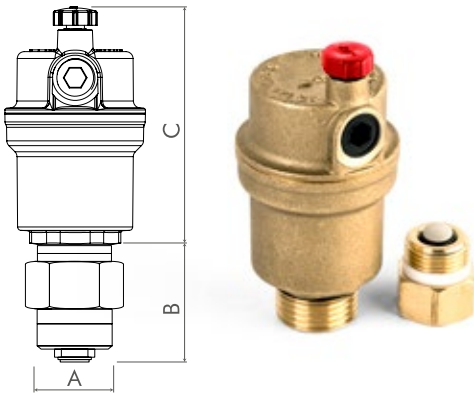
CODE	A	B	C	MAX TEMP	MAX DISCHARGE PRESSURE	BOX QTY
AAV07911500B	15mm	21	68	115°C	6 bar	80
AAV079103800B	3/8"	10	67	115°C	6 bar	-
AAV079105000B	1/2"	12	67	115°C	6 bar	-



AUTOMATIC AIR VENT WITH CHECK VALVES

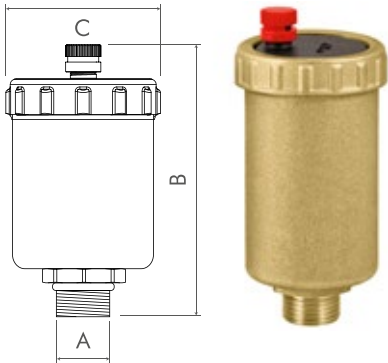
CODE	A	B	C	MAX TEMP	MAX DISCHARGE PRESSURE
AAV079103850B*	3/8"	24	91	115°C*	6 bar
AAV079105050B*	1/2"	26	93	115°C*	6 bar

\*Maximum temperature of isolating connection is 100°C



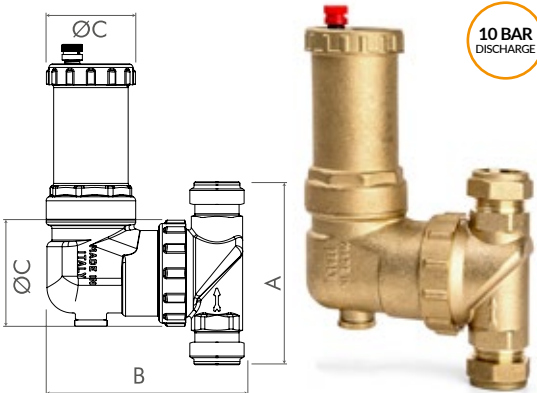
COMMERCIAL AUTOMATIC AIR VENT

CODE	A	B	C	MAX TEMP	MAX DISCHARGE PRESSURE
CAAV38B	3/8"	92	55	115°C	5 bar
CAAV12B	1/2"	93	55	115°C	5 bar
CAAV12B10	1/2"	111	55	115°C	10 bar



INTA-VENT AUTOMATIC AIR VENT

CODE	A	B	C	MAX TEMP	MAX DISCHARGE PRESSURE
IV22	22mm	127	200	115°C	10 bar
IV28	28mm	127	202	115°C	10 bar
IV34	3/4"	127	200	115°C	10 bar
IV01	1"	127	200	115°C	10 bar

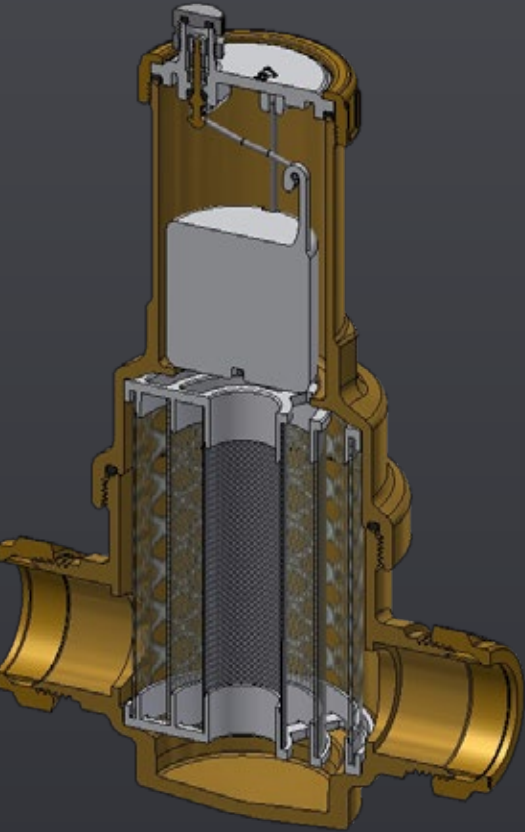




- Discharges air up to 10 bar fluid inlet pressure
- Unique triple gauze filter
- Solid brass, lightweight and robust construction
- Reduces unnecessary corrosion and breakdowns
- Maintains optimum system efficiency
- Ideal for commercial and industrial installations
- Convenient in-line fitting
- Suitable for water and water/glycol mix systems up to 30%
- Maximum inlet temperature 110°C



UNIQUE TRIPLE GAUZE FILTER

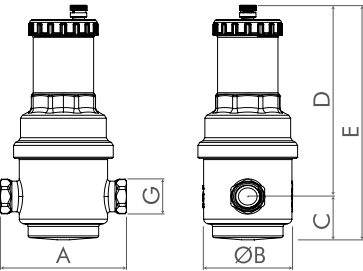


- LAYER 1**  
Slows the flow of water and allows large air bubbles to separate from circulating fluid.
- LAYER 2**  
Finer gauze causes water to slow further and allows smaller bubbles to separate.
- LAYER 3**  
The finest gauze of filter causes microbubbles of water to form, allowing them to be separated. Inta's innovative triple layer cartridge consists of three sheets of AISI 302 stainless steel gauze making it both hard-wearing and durable. Water flows into the de-aerator body where it comes into contact with the triple layer cartridge. The cartridge agitates the water causing trapped gases to separate. These microbubbles combine to form larger bubbles which then adhere to the triple layer gauze where they are then expelled by the automatic air vent.

Inta's range of commercial dirt and air separators are the professionals' solution to the problems inherent in sealed systems caused by debris and trapped air. Featuring our innovative triple gauze filter and a solid brass construction, our dirt and air separators are ideal for commercial and industrial applications.

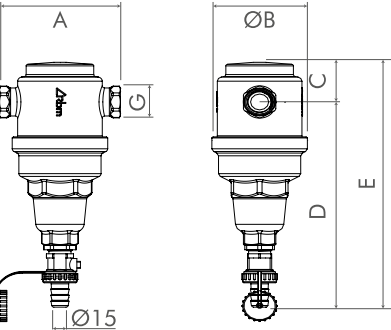
INTA-VENT MAXI COMMERCIAL DE-AERATOR AIR VENT

CODE	G	MAX DISCHARGE PRESSURE	MAX INLET TEMPERATURE	A	ØB	C	D	E
IVC22	22mm	10 bar	110°C	125	79	38	166	203
IVC28	28mm	10 bar	110°C	130	79	38	166	203
IVC12	1/2"	10 bar	110°C	100	79	38	166	203
IVC34	3/4"	10 bar	110°C	105	79	38	166	203
IVC1	1"	10 bar	110°C	110	79	38	166	203
IVC114	1 1/4"	10 bar	110°C	115	79	38	166	203
IVC112	1 1/2"	10 bar	110°C	120	88	47	172	219
IVC2	2"	10 bar	110°C	125	88	47	172	219



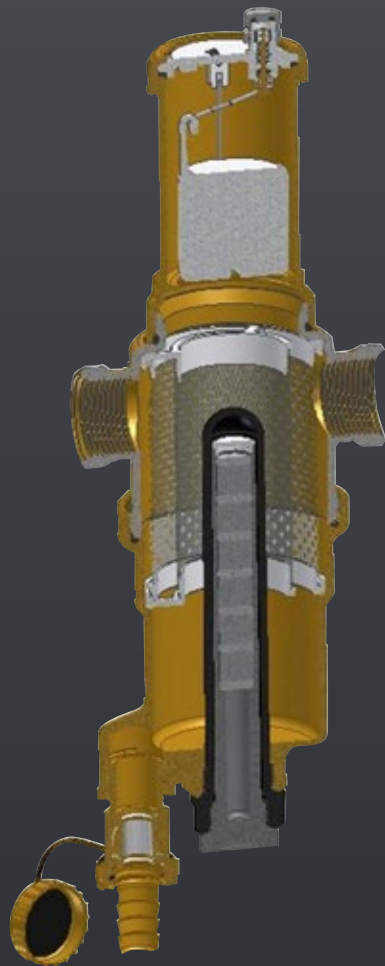
COMMERCIAL DIRT SEPARATORS

CODE	G	MAX INLET TEMPERATURE	A	ØB	C	D	E
CDS22	22mm	110°C	125	79	38	194	232
CDS28	28mm	110°C	130	79	38	194	232
CDS12	1/2"	110°C	100	79	38	194	232
CDS34	3/4"	110°C	105	79	38	194	232
CDS1	1"	110°C	110	79	38	194	232
CDS114	1 1/4"	110°C	115	79	38	194	232
CDS112	1 1/2"	110°C	120	88	47	201	248
CDS2	2"	110°C	125	88	47	201	248





Triple action magnetic, dirt and air filter  
Available in 22, 28mm and 1/2" to 1 1/4"  
Maximum discharge pressure of 10 bar  
Features our unique triple gauze filter cartridge  
Suitable for glycol and glycol/water mixes up to 30%  
Maximum inlet temperature 110°C  
Reduces breakdowns  
Increases fuel efficiency  
Optimises system conditions



**LAYER 1**

Slows the flow of water and allows large air bubbles to separate from circulating fluid.

**LAYER 2**

Finer gauze causes water to slow further and allows smaller bubbles to separate.

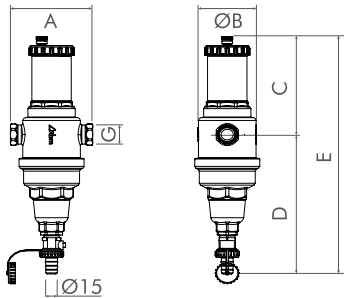
**LAYER 3**

The finest gauze of filter causes micro-bubbles of water to form, allowing them to be separated. Inta's range of commercial dirt and air separators combine the features of two products in one. The pressure chamber in the valve is designed to prevent any circulating dirt from coming into contact with the air vent by slowing the flow of water and causing dirt and debris to fall to the bottom of the filter. Featuring Inta's unique triple gauze filter cartridge, micro air bubbles are slowed and separated from the flow combining into larger air bubbles which are then expelled by the air vent at pressures of up to 10 bar.

Inta's range of commercial dirt and air separators are the professionals' solution to the problems inherent in sealed systems caused by debris and trapped air. Featuring our innovative triple gauze filter and a solid brass construction, our dirt and air separators are ideal for commercial and industrial applications.

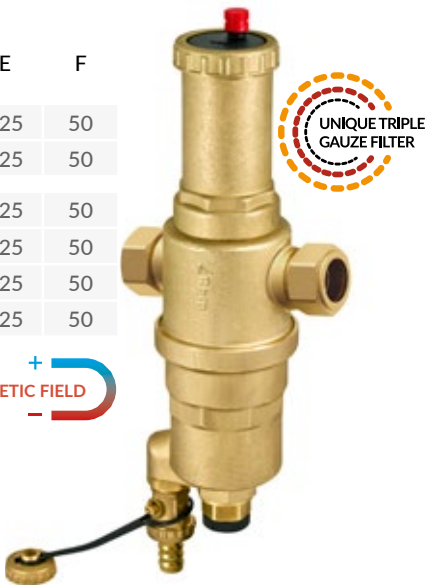
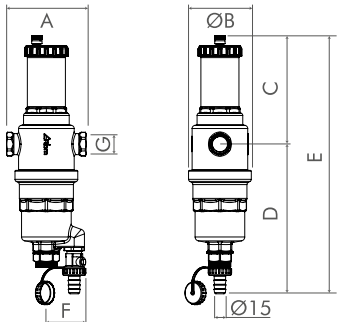
**COMMERCIAL DIRT AND AIR SEPARATORS**

CODE	G	MAX DISCHARGE PRESSURE	MAX INLET TEMPERATURE	A	ØB	C	D	E	BOX QTY
CDAS22	22mm	10 bar	110°C	125	79	137	194	331	-
CDAS28	28mm	10 bar	110°C	130	79	137	194	331	-
CDAS12	1/2"	10 bar	110°C	100	79	137	194	331	-
CDAS34	3/4"	10 bar	110°C	105	79	137	194	331	8
CDAS1	1"	10 bar	110°C	110	79	137	194	331	-
CDAS114	1 1/4"	10 bar	110°C	115	79	137	194	331	-



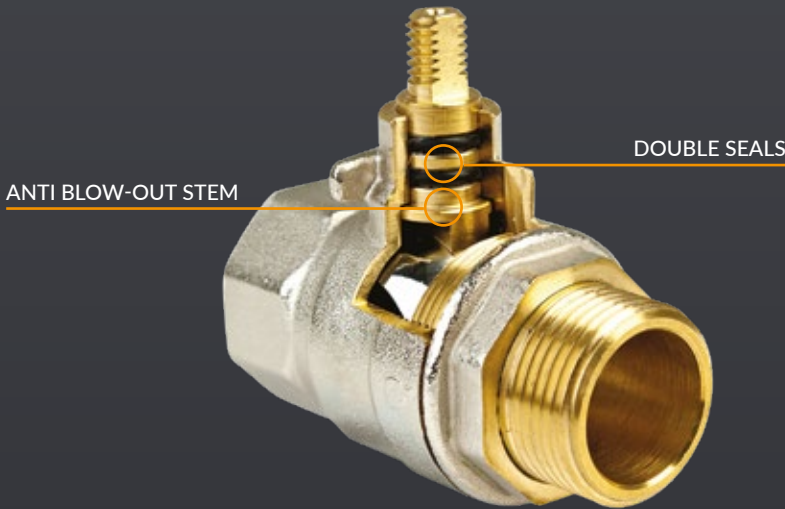
**COMMERCIAL MAGNETIC DIRT AND AIR SEPARATORS**

CODE	G	MAX DISCHARGE PRESSURE	MAX INLET TEMPERATURE	A	ØB	C	D	E	F
CMDAS22	22mm	10 bar	110°C	125	79	137	188	325	50
CMDAS28	28mm	10 bar	110°C	130	79	137	188	325	50
CMDAS12	1/2"	10 bar	110°C	100	79	137	188	325	50
CMDAS34	3/4"	10 bar	110°C	105	79	137	188	325	50
CMDAS1	1"	10 bar	110°C	110	79	137	188	325	50
CMDAS114	1 1/4"	10 bar	110°C	115	79	137	188	325	50





- Full bore ball valve
- Stainless steel lever or butterfly handle
- Maximum working pressure 25 bar
- Maximum temperature 99°C
- Anti blow-out stem
- Suitable for water
- Double seal



Inta's comprehensive WRAS approved range of isolating ball valves, with anti blow-out stems and double seals, are available from 15mm to 54mm making them suitable for both commercial and domestic installations.

FULL BORE COMPRESSION BALL VALVE  
WITH RED LEVER HANDLE

CODE	SIZE	BOX QTY
LBV209315R*	15mm	15
LBV209322R*	22mm	10
LBV209328R*	28mm	6
LBV209335R	35mm	4
LBV209342R	42mm	2
LBV209354R	54mm	1



FULL BORE COMPRESSION BALL VALVE  
WITH BLUE LEVER HANDLE

CODE	SIZE	BOX QTY
LBV209315B*	15mm	15
LBV209322B*	22mm	10
LBV209328B*	28mm	6
LBV209335B	35mm	4
LBV209342B	42mm	-
LBV209354B	54mm	-



FULL BORE COMPRESSION BALL VALVE  
WITH RED BUTTERFLY HANDLE

CODE	SIZE	BOX QTY
BBV209315R*	15mm	20
BBV209322R*	22mm	12
BBV209328R*	28mm	6
BBV209335R	35mm	4



FULL BORE COMPRESSION BALL VALVE  
WITH BLUE BUTTERFLY HANDLE

CODE	SIZE	BOX QTY
BBV209315B*	15mm	20
BBV209322B*	22mm	12
BBV209328B*	28mm	6
BBV209335B	35mm	12







Full bore ball valve

Stainless steel lever or butterfly handle

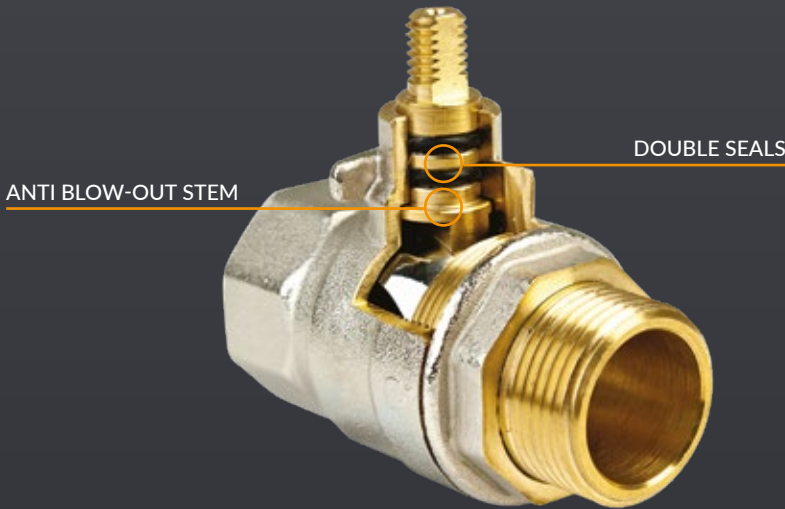
Maximum working pressure 25 bar

Maximum temperature 99°C

Anti blow-out stem

Suitable for water

Double seal



1.16  
Ball valves

Inta's comprehensive WRAS approved range of female isolating ball valves, with anti blow-out stems and double seals, are available from 3/8" up to 2" making them suitable for both commercial and domestic installations.

FULL BORE F X F BALL VALVE WITH RED LEVER HANDLE

CODE	SIZE	BOX QTY
LBV0855038R	3/8"	20
LBV0854050R	1/2"	15
LBV0854075R	3/4"	12
LBV0854100R	1"	6
LBV0854125R	1 1/4"	6
LBV0854150R	1 1/2"	2
LBV0854200R	2"	2



FULL BORE F X F BALL VALVE WITH BLUE LEVER HANDLE

CODE	SIZE	BOX QTY
LBV0855038B	3/8"	20
LBV0854050B	1/2"	20
LBV0854075B	3/4"	12
LBV0854100B	1"	6
LBV0854125B	1 1/4"	6
LBV0854150B	1 1/2"	2
LBV0854200B	2"	2



FULL BORE F X F BALL VALVE WITH RED BUTTERFLY HANDLE

CODE	SIZE	BOX QTY
BBV0989038R	3/8"	20
BBV0989050R	1/2"	20
BBV0989075R	3/4"	12
BBV0989100R	1"	6
BBV0989125R	1 1/4"	6



FULL BORE F X F BALL VALVE WITH BLUE BUTTERFLY HANDLE

CODE	SIZE	BOX QTY
BBV0989038B	3/8"	20
BBV0989050B	1/2"	15
BBV0989075B	3/4"	12
BBV0989100B	1"	20
BBV0989125B	1 1/4"	20





Fully meets the requirements of
EN 331:2015

Independently assessed by a notified body

Certificate available

Can be installed on both internal and
external gas pipe networks

Range of sizes available from 15mm - 2"

Lever and butterfly handle options

Temperature range -20°C - 60°C
(gas) / -20°C - 110°C (non gas)

Compression fittings pressure
rated to PN16

Female fittings pressure
rated to PN25



Inta's range of gas ball valves are the installers choice for safe, industry-compliant gas installations. Inta gas ball valves have been independently certified for their compliance with the current EN 331:2015 standard, which includes a high temperature test to protect installations in the event of fire.

UNIVERSAL GAS AND WATER RATED LEVER BALL VALVES

Inta's new universal ball valves are one valve with three uses. The valves can be installed on gas installations as well as both hot and cold water systems, when used in conjunction with the red or blue sleeve. The valves fully comply to EN 331:2015 when used with gas but are also WRAS approved when installing on hot and cold water.

Table with 4 columns: CODE, HANDLE, SIZE, BOX QTY. It lists various valve models like IN89ALGWC15, IN90ALGWP15, etc., with their respective handle types, sizes, and box quantities.



COMPRESSION GAS BALL VALVES

Table with 4 columns: CODE, HANDLE, SIZE, BOX QTY. It lists valve models like IN89ALC15, IN89ATC15, etc., with their handle types, sizes, and box quantities.



FEMALE GAS BALL VALVES

Table with 4 columns: CODE, HANDLE, SIZE, BOX QTY. It lists valve models like IN90ALP008, IN90ATP015, etc., with their handle types, sizes, and box quantities.





Inta's combi ball valves combine an isolation valve and Y-pattern strainer in one convenient fitting

Available in both female and compression connections

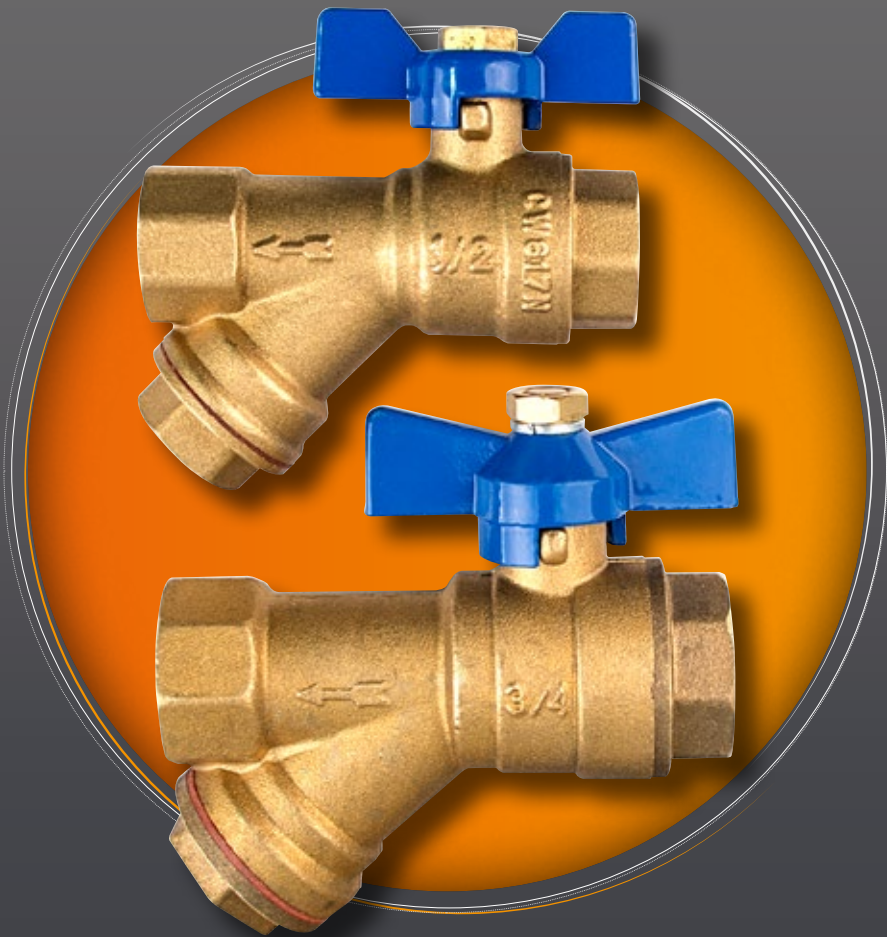
Full bore fitting

400 Micron strainer mesh

Solid brass construction

Maximum working pressure 16 bar

Maximum working temperature 180°C



1.16  
Ball valves

Inta's combi ball valve range is a neat and convenient way of combining both an isolation ball valve and Y-pattern strainer in one fitting.

COMBINATION BALL VALVE AND Y STRAINER

CODE	DESCRIPTION
CBV15PF	15mm Pushfit combination ball valve and Y strainer



DOUBLE CHECK VALVE WITH INLINE STRAINER AND ISOLATION

CODE	DESCRIPTION
DCVSTR15	15mm Double check valve with inline strainer and isolation



FEMALE COMBINATION BALL VALVE AND Y STRAINER

CODE	DESCRIPTION	BOX QTY
CBV12	1/2" Female combination ball valve and Y strainer blue handle	10
CBV34B	3/4" Female combination ball valve and Y strainer blue handle	-
CBV34R	3/4" Female combination ball valve and Y strainer red handle	-
CBV1	1" Female combination ball valve and Y strainer blue handle	5



DRAIN OFF VALVE

CODE	DESCRIPTION
WMDOC	15mm Drain off valve



Combined isolating ball valve and flow regulator

Water saving - flow regulating options  
3 - 18 litres per minute

Optimum pressure range: 0.2 - 10 bar  
(accuracy ± 10% open outlet)

Optimum pressure range (low): 0.2 - 4 bar  
(accuracy ± 15% open outlet)



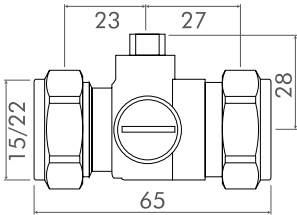
LIGHT FLOW REGULATING BALL VALVES

CODE	DESCRIPTION
WVL154	15mm Light flow regulating ball valve with 4 L/min cartridge
WVL154SW	15mm Light flow regulating swivel ball valve with 4 L/min cartridge
WVL156	15mm Light flow regulating ball valve with 6 L/min cartridge
WVL156SW	15mm Light flow regulating swivel ball valve with 6 L/min cartridge
WVL158	15mm Light flow regulating ball valve with 8 L/min cartridge
WVL158SW	15mm Light flow regulating swivel ball valve with 8 L/min cartridge



SCREWDRIVER-OPERATED FLOW REGULATOR

CODE	DESCRIPTION
CP961R03XC15	15mm Screwdriver-operated flow regulator with 3 L/min cartridge
CP961R04XC15	15mm Screwdriver-operated flow regulator with 4 L/min cartridge
CP961R06XC15	15mm Screwdriver-operated flow regulator with 6 L/min cartridge
CP961R08XC15	15mm Screwdriver-operated flow regulator with 8 L/min cartridge
CP961R10XC15	15mm Screwdriver-operated flow regulator with 10 L/min cartridge
CP961R12XC15	15mm Screwdriver-operated flow regulator with 12 L/min cartridge
CP961R15XC15	15mm Screwdriver-operated flow regulator with 15 L/min cartridge
CP961R18XC15	15mm Screwdriver-operated flow regulator with 18 L/min cartridge
CP961R03XC22	22mm Screwdriver-operated flow regulator with 3 L/min cartridge
CP961R04XC22	22mm Screwdriver-operated flow regulator with 4 L/min cartridge
CP961R06XC22	22mm Screwdriver-operated flow regulator with 6 L/min cartridge
CP961R08XC22	22mm Screwdriver-operated flow regulator with 8 L/min cartridge
CP961R10XC22	22mm Screwdriver-operated flow regulator with 10 L/min cartridge
CP961R12XC22	22mm Screwdriver-operated flow regulator with 12 L/min cartridge
CP961R15XC22	22mm Screwdriver-operated flow regulator with 15 L/min cartridge
CP961R18XC22	22mm Screwdriver-operated flow regulator with 18 L/min cartridge





Combined isolating ball valve  
and flow regulator

Water saving - flow regulating options  
3 - 18 litres per minute

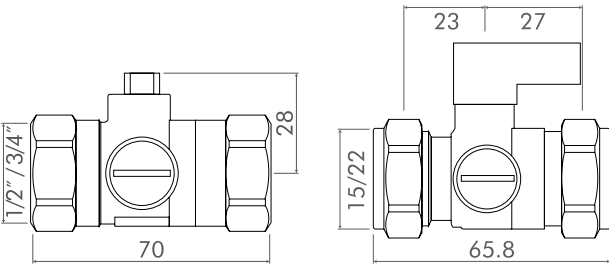
Optimum pressure range: 0.2 - 10 bar  
(accuracy ± 10% open outlet)

Optimum pressure range (low): 0.2 - 4 bar  
(accuracy ± 15% open outlet)



FLOW REGULATOR BODY ONLY

CODE	DESCRIPTION
CP961XC15	15mm Screwdriver-operated flow regulator body only
CP961XLC15	15mm Lever-operated flow regulator body only
CP961XC22	22mm Screwdriver-operated flow regulator body only
CP961XLC22	22mm Lever-operated flow regulator body only
CP961XF15	1/2" Screwdriver-operated flow regulator body only
CP961XF20	3/4" Screwdriver-operated flow regulator body only



FLOW REGULATING CARTRIDGES

CODE	DESCRIPTION
CP961R03BWN	3 Litre flow regulating cartridge
CP961R04GRY	4 Litre flow regulating cartridge
CP961R06BLK	6 Litre flow regulating cartridge
CP961R08WHI	8 Litre flow regulating cartridge
CP961R10SKB	10 Litre flow regulating cartridge
CP961R12RED	12 Litre flow regulating cartridge
CP961R15LME	15 Litre flow regulating cartridge
CP961R18GRN	18 Litre flow regulating cartridge
CP961FR03BWN	3 Litre flow regulating cartridge with filter
CP961FR04GRY	4 Litre flow regulating cartridge with filter
CP961FR06BLK	6 Litre flow regulating cartridge with filter
CP961FR08WHI	8 Litre flow regulating cartridge with filter
CP961FR10SKB	10 Litre flow regulating cartridge with filter
CP961FR12RED	12 Litre flow regulating cartridge with filter
CP961FR15LME	15 Litre flow regulating cartridge with filter
CP961FR18GRN	18 Litre flow regulating cartridge with filter
CP961F30	30 Mesh filter



Prevents damage to heating systems by relieving excess pressure

Range of factory set discharge pressures  
2.5, 3, 4.75, 6, 7 and 8 bar

Available with a pressure gauge

Built in accordance to EN 4126-1

Maximum operating pressure (static) 10 bar

Maximum working temperature 90°C

Ped category IV

Complies with European directive 97/23/CE

Fully CPR compliant



1.18  
Safety valves

Inta's range of CPR compliant safety relief valves have been designed to protect closed circuit water heating systems from over pressure that can build up as a consequence of heating the water or any other fault conditions that can result in excess pressure.

SAFETY RELIEF VALVE 1/2" MALE X 15MM WITH GAUGE PORT

CODE	PRESSURE SETTING	BOX QTY
SRV035405003	3 bar	25
SRV035405006	6 bar	25
SRV035405007	7 bar	-
SRV035405008	8 bar	-



SAFETY RELIEF VALVE 1/2" MALE X 15MM WITH GAUGE

CODE	PRESSURE SETTING	BOX QTY
SRVG35405025	2.5 bar	25
SRVG35405003	3 bar	8
SRVG35405006	6 bar	25
SRVG35405007	7 bar	-
SRVG35405008	8 bar	25



SAFETY RELIEF VALVE 3/4" SWIVEL NUT X 15MM WITHOUT GAUGE

CODE	PRESSURE SETTING	BOX QTY
SRV0353SW05003	3 bar	50
SRV0353SW0475 *	4.75 bar	50
SRV0353SW060 *	6 bar	50

With gauge port



SAFETY RELIEF VALVE 3/4" SWIVEL NUT X 15MM WITH GAUGE

CODE	PRESSURE SETTING	BOX QTY
SRVG353SW05003	3 bar	25





Prevents damage to heating systems by relieving excess pressure

Range of factory set discharge pressures  
2.5, 3, 4.75, 6, 7 and 8 bar

Available with a pressure gauge

Built in accordance to EN 4126-1

Maximum operating pressure (static) 10 bar

Maximum working temperature 90°C

Ped category IV

Complies with European directive 97/23/CE

Fully CPR compliant



1.18  
Safety valves

Inta's range of CPR compliant safety relief valves have been designed to protect closed circuit water heating systems from over pressure that can build up as a consequence of heating the water or any other fault conditions that can result in excess pressure.

SAFETY RELIEF VALVE F X F WITH GAUGE

CODE	SIZE	PRESSURE SETTING	BOX QTY
SRVG35305025	1/2"	2.5 bar	-
SRVG35305003	1/2"	3 bar	25
SRVG35305006	1/2"	6 bar	60
SRVG35305007	1/2"	7 bar	25
SRVG35305008	1/2"	8 bar	25
SRVG35307525	3/4"	2.5 bar	-
SRVG35307503	3/4"	3 bar	25
SRVG35307506	3/4"	6 bar	-
SRVG35307507	3/4"	7 bar	-
SRVG35307508	3/4"	8 bar	50



SAFETY RELIEF VALVE F X F WITHOUT GAUGE

CODE	SIZE	PRESSURE SETTING	BOX QTY
SRV035105025	1/2"	2.5 bar	100
SRV035105003	1/2"	3 bar	100
SRV035105006	1/2"	6 bar	100
SRV035105007	1/2"	7 bar	-
SRV035105008	1/2"	8 bar	-
SRV035107525	3/4"	2.5 bar	-
SRV035107503	3/4"	3 bar	50
SRV035107506	3/4"	6 bar	100
SRV035107507	3/4"	7 bar	30
SRV035107508	3/4"	8 bar	-



SAFETY RELIEF VALVE 1/2" M X F WITHOUT GAUGE

CODE	PRESSURE SETTING	BOX QTY
SRV035205025	2.5 bar	-
SRV035205003	3 bar	50
SRV035205006	6 bar	25
SRV035205007	7 bar	-
SRV035205008	8 bar	100

CODE	DESCRIPTION
SRVPFM	15mm pushfit safety relief valve 3 bar setting



SRVPFM

Fully complies with BS EN 1490

Prevents damage to sealed systems by relieving excess pressure

Factory pre-set temperature discharge at 90°C - non adjustable

Range of factory set discharge pressures available

Available with long or short probes and 1/2" or 3/4" connections

DZR brass body

Fully CPR compliant



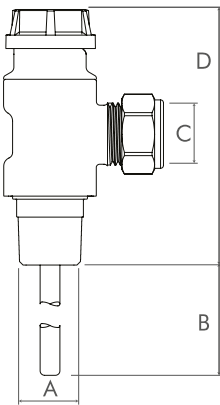
Inta's temperature and pressure relief valves are designed to discharge excess pressure or temperature which builds up inside sealed systems during fault conditions.

TEMPERATURE AND PRESSURE RELIEF VALVES 1/2" MALE X 15MM

CODE	SIZE	A	B	C	D	PRESSURE SETTING
TP220105004	1/2" x 15mm	1/2"	96mm	15mm	83	4 bar
TP220105006	1/2" x 15mm	1/2"	96mm	15mm	83	6 bar
TP220105007	1/2" x 15mm	1/2"	96mm	15mm	83	7 bar
TP220105010	1/2" x 15mm	1/2"	96mm	15mm	83	10 bar
TPLP220105004	1/2" x 15mm	1/2"	199mm	15mm	83	4 bar
TPLP220105006	1/2" x 15mm	1/2"	199mm	15mm	83	6 bar
TPLP220105007	1/2" x 15mm	1/2"	199mm	15mm	83	7 bar
TPLP220105010	1/2" x 15mm	1/2"	199mm	15mm	83	10 bar

TEMPERATURE AND PRESSURE RELIEF VALVES 3/4" MALE X 22MM

CODE	SIZE	A	B	C	D	PRESSURE SETTING
TP3422004	3/4" x 22mm	3/4"	96mm	22mm	83	4 bar
TP3422006	3/4" x 22mm	3/4"	96mm	22mm	83	6 bar
TP3422007	3/4" x 22mm	3/4"	96mm	22mm	83	7 bar
TP3422010	3/4" x 22mm	3/4"	96mm	22mm	83	10 bar
TPLP3422004	3/4" x 22mm	3/4"	199mm	22mm	83	4 bar
TPLP3422006	3/4" x 22mm	3/4"	199mm	22mm	83	6 bar
TPLP3422007	3/4" x 22mm	3/4"	199mm	22mm	83	7 bar
TPLP3422010	3/4" x 22mm	3/4"	199mm	22mm	83	10 bar



PLASTIC TUNDISH

CODE	DESCRIPTION
TUN23711522*	15mm x 22mm straight tundish
TUN12M34FA	1/2" Male x 3/4" female angled tundish
TUN34M1FA	3/4" Male x 1" female angled tundish
TUN22X1FS	22mm x 1" female straight tundish





Controls inlet pressure to unvented hot water systems

Provides a balanced cold feed

Combines a PRV, SRV and check valve in one fitting

Cold water outlet provides a balanced hot and cold feed

Optional expansion vessel connection available

Fully complies to BS EN 12897:2016

CPR compliant product

PRV factory set at 3 bar

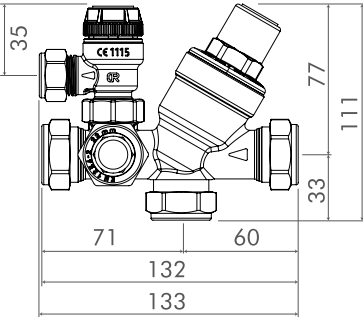
SRV available in 4.75 and 6 bar discharge pressures

Replacement SRVs available, see page 70 - 73

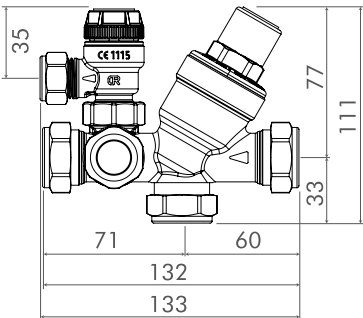


UNVENTED GROUP SET WITH EXPANSION VESSEL CONNECTION

CODE	DESCRIPTION
UVGS21822220.1	22mm Inlet 3 bar PRV, 6 bar SRV, unvented group set with 22mm Expansion vessel connection

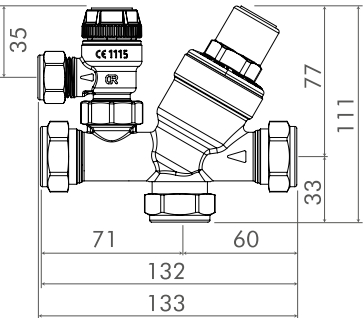


CODE	DESCRIPTION
UVGS21822210.1	22mm Inlet 3 bar PRV, 6 bar SRV, unvented group set with 3/4" expansion vessel connection
UVGS21822200.1	22mm Inlet 3 bar PRV, 4.75 bar SRV, unvented group set with 3/4" expansion vessel connection



UNVENTED GROUP SET WITHOUT EXPANSION VESSEL CONNECTION

CODE	DESCRIPTION
UVGS21822260.1	22mm Inlet 3 bar PRV, 6 bar SRV, unvented group set no vessel connection



inta

Unvented water heater accessory packs

Protects your unvented water heater installation during fault conditions

Wide range of kits available to suit any installation

CPR compliant safety relief valve

Chrome plated single check valve



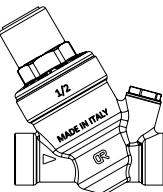
1.21

Unvented water heater accessory packs

Inta's range of unvented water heater accessory packs are the ideal solution when installing under sink water heaters. Kits carry a combination of expansion vessel, pressure reducing valve, single check valve and safety relief valve to suit any installation.

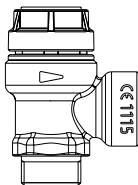
UNVENTED WATER HEATER ACCESSORY PACKS

CODE	DESCRIPTION
INAQ2	2 Litre potable vessel and single check valve
INAQ3	1/2" pressure reducing valve
INAQ4	2 Litre potable vessel, single check valve, pressure reducing valve, safety relief valve
INAQ5	2 Litre potable vessel, single check valve and safety relief valve
INAQ6	2 Litre potable vessel, single check valve and pressure reducing valve
INAQ7	2 Litre potable vessel, single check valve, pressure reducing valve, swivel safety relief valve
INAQ8	2 Litre potable vessel, single check valve and swivel safety relief valve



PRESSURE REDUCING VALVE

- Minimum operating pressure - 0.8 bar
- Adjustable pressure range - 0.8 - 7 bar
- Maximum inlet temperature - 80°C
- Maximum inlet pressure (static) - 16 bar



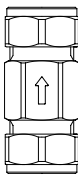
SAFETY RELIEF VALVE

- Factory set discharge pressure - 6 bar
- Maximum operating pressure (static) - 10 bar
- Maximum working temperature - 110°C



EXPANSION VESSEL

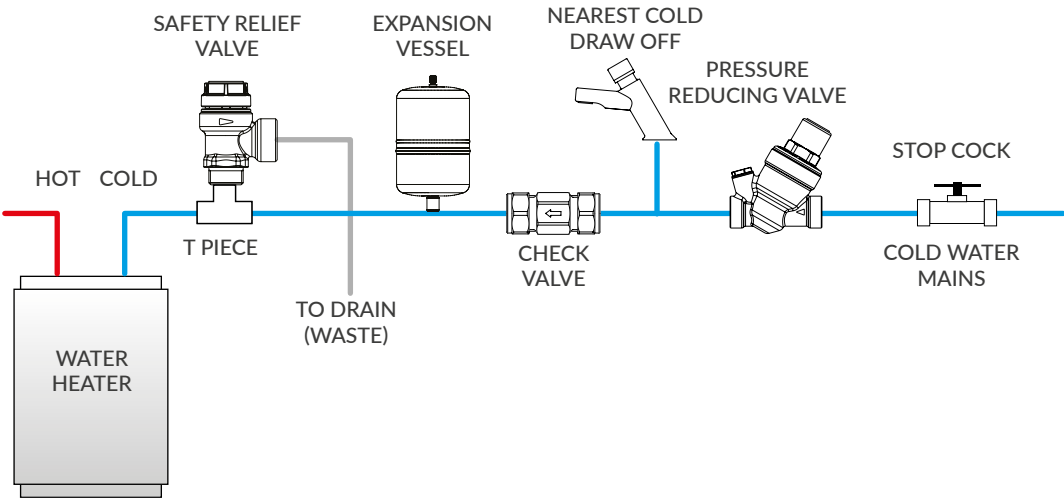
- Maximum operating pressure - 10 bar
- Maximum operating temperature - 70°C
- Factory precharge - 3.5 bar
- Membrane - butyl



SINGLE CHECK VALVE

- Minimum working pressure - 0.2 bar
- Maximum working pressure (static) - 10 bar
- Maximum working temperature - 70°C

TYPICAL UNVENTED WATER HEATER INSTALLATION







- No electricity
- No chemicals
- No magnets
- No maintenance
- No earth bonding
- Quality stainless steel housing
- Improves the efficiency of heating equipment
- Extend the life of heating equipment
- All products carry a 15 or 5 year manufacturer's warranty
- Life expectancy in excess of 20 years
- Suitable for whole house protection



Extends the life and efficiency of heating equipment.



Prevents limescale from forming and actively de-scales older systems when fitted.



Conforms to the requirement of part I building regulations\*.

1.22  
Water conditioning

Standard approaches to water treatment rely heavily on harmful chemicals, which must be replenished frequently. Activ-Tec's ActivFlo does away with any need for such chemicals and will comfortably fit in the most convenient of spaces, with minimal maintenance needed.

ACTIVFLO SOLO WATER CONDITIONER

CODE	SIZE	DESCRIPTION
AF012MF	1/2" M x 1/2" F	ActivFlo Solo Water Conditioner



- Designed for independent component protection
- Stainless steel housing
- No power supply required
- Fit and forget installation
- Helps to maintain the operation and efficiency of equipment on fluid systems
- 15 Year manufacturers warranty
- Perfect for showers, dishwashers, heaters and fountains



ACTIVFLO WATER CONDITIONER

CODE	SIZE	DESCRIPTION
AF015	15mm	15mm ActivFlo water conditioner
AF022PL	22mm	22mm ActivFlo+ with 15mm reducing set
AF022	22mm	22mm ActivFlo water conditioner
AF028	28mm	28mm ActivFlo water conditioner
AF012	1/2" BSP	1/2" ActivFlo water conditioner
AF034M	3/4" BSP	3/4" ActivFlo water conditioner
AF010	1" BSP	1" ActivFlo water conditioner



ACTIVFLO LITE WATER CONDITIONER

The ActivFlo Lite is the latest addition to the ActivFlo Range of water conditioners and has been specifically designed to help combat against limescale build-up in homes and systems.

The electrolytic operation of the ActivFlo Lite helps to prevent scale build-up inside pipework and on external surfaces.

CODE	SIZE	DESCRIPTION
AFL015	15mm	15mm ActivFlo Lite water conditioner
AFL022	22mm	22mm ActivFlo Lite water conditioner
AFL028	28mm	28mm ActivFlo Lite water conditioner

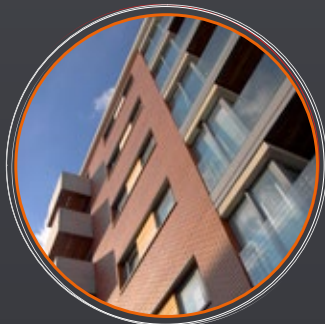


- Whole house protection
- 8 Year product life expectancy
- No running costs
- Internal slip socket for ease of installation
- Turbulent amplifier to ensure maximum efficiency
- For sizing information please visit [www.activ-tec.com](http://www.activ-tec.com)





- No chemicals
- No magnets
- No maintenance
- Improves the efficiency of heating equipment
- Extend the life of heating equipment
- Quality stainless steel housing
- All products carry a 15 year manufacturer's warranty
- Life expectancy in excess of 20 years
- Suitable for whole system protection



Residential



Commercial



Industrial



Agriculture

ActivFlo Pro is the solution to hard water in industrial, commercial and agricultural operations. The principal differences between the domestic ActivFlo and the Pro version is the addition of a power voltage regulator to increase the performance of the unit.

ACTIVFLO PRO WATER CONDITIONER

CODE	SIZE	DESCRIPTION	OPTIMUM FLOW RATE
AF0114	1 1/4" BSP	1 1/4" ActivFlo water conditioner	75-120 Ltrs/m
AF0112	1 1/2" BSP	1 1/2" ActivFlo water conditioner	120-170 Ltrs/m
AF002	2" BSP	2" ActivFlo water conditioner	170-260 Ltrs/m
AF0025	2 1/2" BSP	2 1/2" ActivFlo water conditioner	260-350 Ltrs/m
AF003	3"	3" ActivFlo water conditioner	360-680 Ltrs/m
AF004	4"	4" ActivFlo water conditioner	680-1260 Ltrs/m
AF005	5"	5" ActivFlo water conditioner	1260-1820 Ltrs/m
AF006	6"	6" ActivFlo water conditioner	1825-3500 Ltrs/m



ACTIVFLO PRO WATER CONDITIONER WITH POWER REGULATOR

CODE	SIZE	DESCRIPTION	OPTIMUM FLOW RATE
AFP22PR	22mm	22mm ActivFlo Pro and power regulator	22-45 Ltrs/m
AFP34PR	3/4"	3/4" ActivFlo Pro and power regulator	22-45 Ltrs/m
AFP10PR	1"	1" ActivFlo Pro and power regulator	45-74 Ltrs/m
AFR14PR	1 1/4"	1 1/4" ActivFlo Pro and power regulator	75-120 Ltrs/m
AFP112PR	1 1/2"	1 1/2" ActivFlo Pro and power regulator	120-170 Ltrs/m
AFP20PR	2"	2" ActivFlo Pro and power regulator	170-260 Ltrs/m
AFP212FPR	2 1/2"	2 1/2" ActivFlo Pro and power regulator	260-350 Ltrs/m
AFP30FPR	3"	3" ActivFlo Pro and power regulator	360-680 Ltrs/m
AFP40FPR	4"	4" ActivFlo Pro and power regulator	680-1260 Ltrs/m
AFP50FPR	5"	5" ActivFlo Pro and power regulator	1260-1820 Ltrs/m
AFP60FPR	6"	6" ActivFlo Pro and power regulator	1825-3500 Ltrs/m
AFP80FPR	8"	8" ActivFlo Pro and power regulator	3500-5600 Ltrs/m





Inta offers a comprehensive range of gauges for a range of applications

Standard pressure gauges

Pressure gauges with PTFE sealing ring

Back and bottom connections available

Available from 4 - 21 Bar



We offer a comprehensive range of gauges to suit a multitude of applications. Inta has the right product for your installation.

GAUGES WITH PTFE SEALING RING

CODE	PRESSURE	CONNECTION	SIZE	DIAL SIZE
GP1576004	4 bar	back	1/4"	Ø50
GP1576006	6 bar	back	1/4"	Ø50
GP1576010	10 bar	back	1/4"	Ø50
GP1536004	4 bar	bottom	1/4"	Ø50
GP1536006	6 bar	bottom	1/4"	Ø50
GP1536010	10 bar	bottom	1/4"	Ø50



STANDARD PRESSURE GAUGES

CODE	PRESSURE	CONNECTION	SIZE	DIAL SIZE
G410038BK	4 bar	back	3/8"	Ø100
G610038BK	6 bar	back	3/8"	Ø100
G1010038BK	10 bar	back	3/8"	Ø100
G1410038BK	14 bar	back	3/8"	Ø100
G2110038BK	21 bar	back	3/8"	Ø100
G410038BT	4 bar	bottom	3/8"	Ø100
G610038BT	6 bar	bottom	3/8"	Ø100
G1010038BT	10 bar	bottom	3/8"	Ø100
G1410038BT	14 bar	bottom	3/8"	Ø100
G2110038BT	21 bar	bottom	3/8"	Ø100
G45014BK	4 bar	back	1/4"	Ø50
G75014BK	7 bar	back	1/4"	Ø50
G105014BK	10 bar	back	1/4"	Ø50
G45014BT	4 bar	bottom	1/4"	Ø50
G75014BT	7 bar	bottom	1/4"	Ø50
G105014BT	10 bar	bottom	1/4"	Ø50



TWIN STAT

CODE	DESCRIPTION
TWINSTA	0 - 90°C Twin thermostat

CYLINDER STAT

CODE	DESCRIPTION
CYLSTA	20 - 90°C Cylinder thermostat

SINGLE STAT

CODE	DESCRIPTION
SINGSTA	0 - 90°C Single thermostat

MECHANICAL TWIN STAT

CODE	DESCRIPTION
MCTWINSTA	Mechanical twin stat



- Complies with EN 1287
- Large body for high flow rates
- Failsafe on both hot and cold supplies
- Available in a range of sizes from 15mm up to 1" male
- Maximum inlet pressure (static) 5 bar
- Minimum inlet pressure (dynamic) 0.2 bar
- Maximum inlet temperature 85°C
- Temperature control +/- 2°C
- Minimum temperature differential to achieve failsafe 10°C



1.24

OEM mixing valves

OEM thermostatic mixing valves are manufactured to EN 1287 and offer the same manufacturing quality and performance you've come to expect from an Inta mixing valve. Available in 15mm, 3/4" M and 1" M our range of OEM mixing valves offer a cost-effective way of thermostatically protecting your installation when TMV certification is not required.

ADJUSTABLE OEM MIXING VALVE

CODE	DESCRIPTION	CONNECTION	TEMPERATURE RANGE	BOX QTY
421013CP	Adjustable OEM mixing valve	15mm	30 - 65°C	20



PRE SET 45°C OEM MIXING VALVE

CODE	DESCRIPTION	CONNECTION	TEMPERATURE RANGE
60096CP	Pre-set OEM mixing valve	15mm	45°C



ADJUSTABLE OEM MIXING VALVE

CODE	DESCRIPTION	CONNECTION	TEMPERATURE RANGE
60097CP	Adjustable OEM mixing valve	1" male	35 - 60°C
60099CP	Adjustable OEM mixing valve	3/4" male	35 - 60°C





- Easy to install
- Adjustable pressure range: 1.5 - 6 bar
- WRAS approved
- Maximum operating pressure 10 bar
- Maximum inlet temperature 85°C
- Ideal solution for multi-dwelling accommodation
- Combines a isolation valve, DCV, PRV, gauge and water meter all-in-one
- Insulation as standard



1.25  
Metering

Inta's range of hot and cold magnetic drive water meters provide an accurate and reliable way of monitoring water usage for properties when fitted on the dedicated supply line. Our water meters feature a 360° rotatable meter for ease of reading and are supplied with pipe fittings.

WATER METER ASSEMBLY

Comprising of a Isolation Valve, Pressure Reducing Valve, Double Check Valve, Gauge and Water Meter all in one assembly.

CODE	DESCRIPTION	BOX QTY
PRV-CON34	3/4" - Water meter not included	10
PRV-CON34CA	3/4" - With carrier - water meter not included	10
PRV -CON34WM	3/4" - Water meter included	5
PRV-CON10	1" Water meter assembly, water meter not included	-



WATER METERS

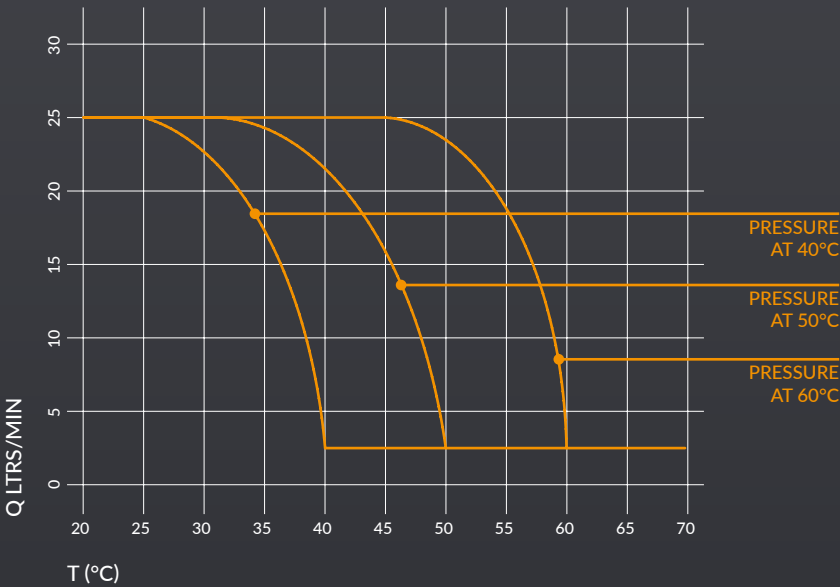
CODE	DESCRIPTION	BOX QTY
WM12C	1/2" Cold water meter	10
WM34C	3/4" Cold water meter	10
WM01C	1" Cold water meter	5
WM12H	1/2" Hot water meter	10
WM34H	3/4" Hot water meter	10



- Improves efficiency of DHW systems
  - Thermostatic self-balancing control automatically responds to changes in system temperature and flow requirements
- Reduces heat loss through lower circulation of hot water
- Helps to keep temperature evenly distributed and reduces dead-legs
- Reduces the consequences of oversized circulation pumps
  - Temperature adjustment range: 40 - 65°C
- Maximum operating pressure: 5 bar (dynamic) 10 bar (static)
- Maximum inlet temperature: 90°C
- Temperature stability: ±2°C
- Kv: 1.5



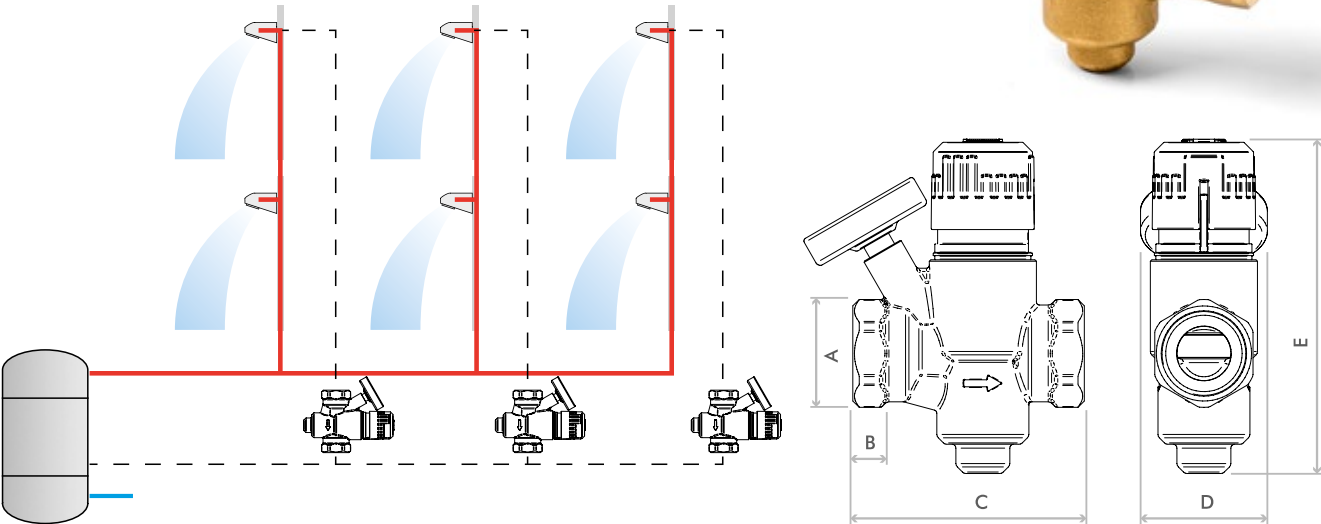
PRESSURE DROP



The Inta range of thermal balancing valves are for use in hot water circulating systems. The valve provides a thermal balance on the system by regulating the flow within it depending on the desired temperature setting. When this setting is reached the valve closes down to its minimum position which allows for other draw off points to be supplied with sufficient hot water.

THERMAL BALANCING VALVES

CODE	DESCRIPTION	A	B	C	D	E
60040CP	1/2" Thermal balancing valve	1/2"	13.5	70	40	MAX 110
60041CP	3/4" Thermal balancing valve	3/4"	13.5	73	40	MAX 110



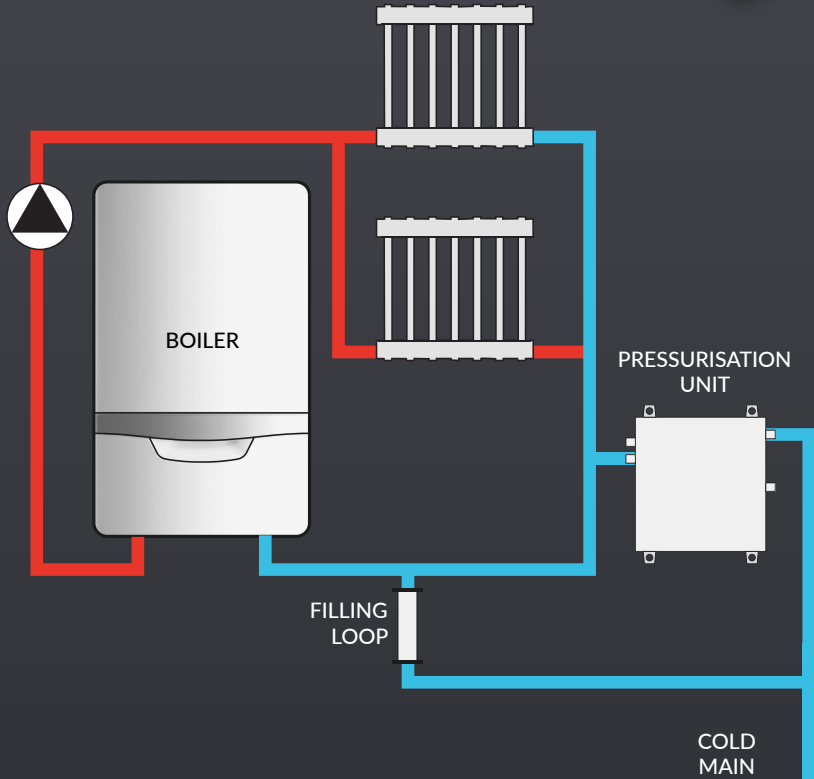
FLOW BALANCING VALVES

CODE	DESCRIPTION
FBV061905050	1/2" Flow balancing valve with dial
FBV061907550	3/4" Flow balancing valve with dial
FBV061910050	1" Flow balancing valve with dial
FBV061912550	1 1/4" Flow balancing valve with dial
FBV061915050	1 1/2" Flow balancing valve with dial
FBV061920050	2" Flow balancing valve with dial
FBV0619DN65	DN65 Flow balancing valve with flange connection
FBV0619DN80	DN80 Flow balancing valve with flange connection
FBV0619DN100	DN100 Flow balancing valve with flange connection
FBV0619DN125	DN125 Flow balancing valve with flange connection
FBV0619DN150	DN150 Flow balancing valve with flange connection
FBV0619DN200	DN200 Flow balancing valve with flange connection
FBV0619DN250	DN250 Flow balancing valve with flange connection
FBV0619DN300	DN300 Flow balancing valve with flange connection
PA0932018	1/8" Pointer adapters for gauge
PT0621018	1/8" Pressure take offs
TK0622	Portable electronic metering system





- Automatically controls the pressure in a sealed system
- Maintains optimum system conditions
- Detects a drop in system pressure and then re-fills it to a pre-set level
- Available in both single and twin pump units
- Features a conventional non-ferrous peripheral turbine pump
- Digital plr controller - highly accurate in comparison to conventional analogue gauges
- BMS compatible as standard
- Lightweight easy to mount design
- Simple, easy to understand 'real world' fault codes
- Standard 3 bar pump design with an optional 6 bar high head unit



1.27  
Pressurisation units

Inta's analogue and digital pressurisation units are the solution to natural drops in system pressure due to separation of circulating fluid. Arriving on site fully-assembled, the units are simple to install and alleviate costly maintenance call outs for an everyday problem.

COMPACT ECO SINGLE PUMP ANALOGUE PRESSURISATION UNIT

CODE	DESCRIPTION
ACESPPU	Compact eco single pump analogue pressurisation unit
ASESPPU	Standard single pump analogue pressurisation unit

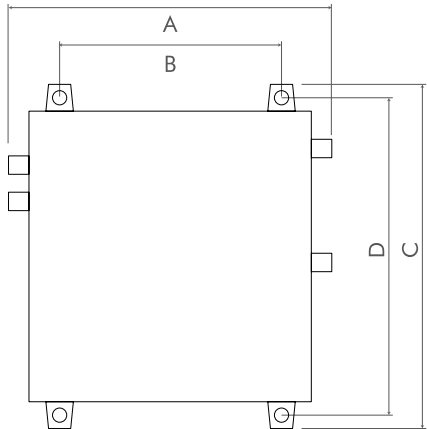


DIGITAL PRESSURISATION UNITS

CODE	A	B	C	D	DEPTH
TPPU - Twin Pump	670	560	680	650	315
SPPU - Single Pump	570	460	580	550	300

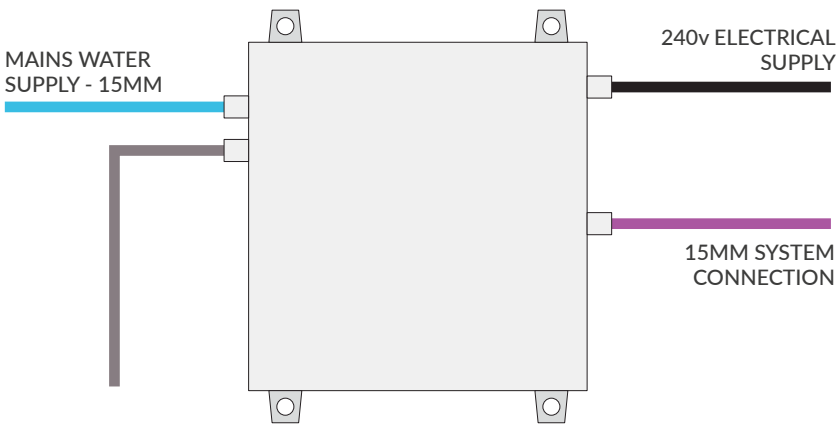


DIMENSIONS

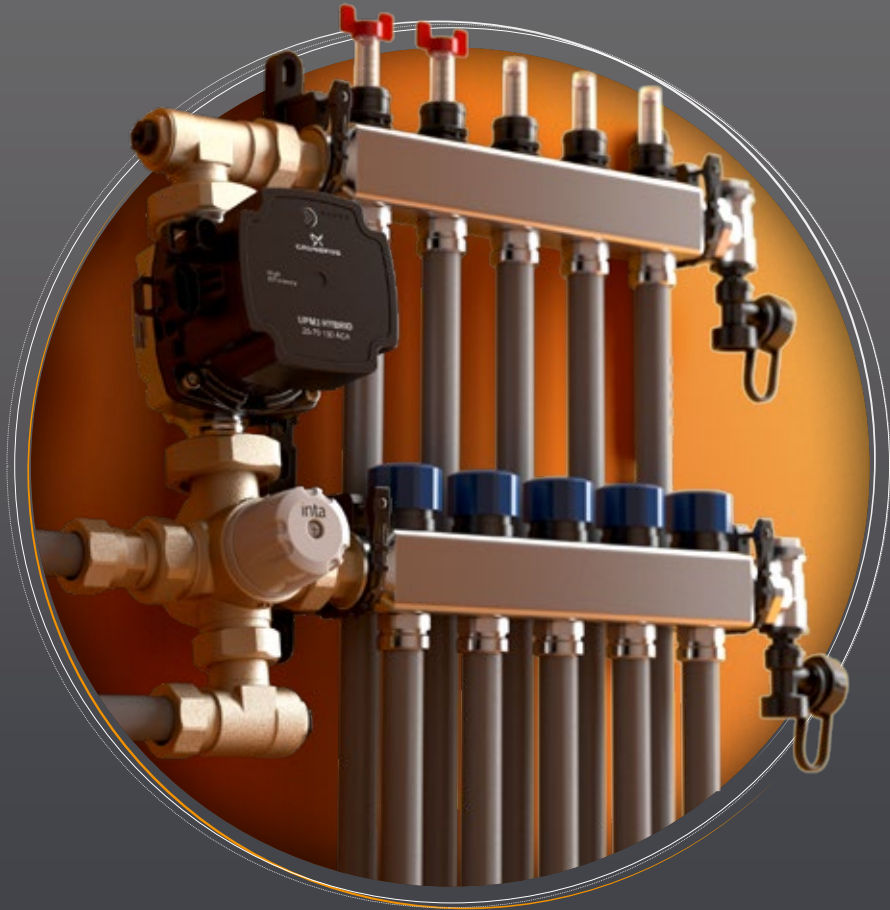


OTHER INLET/OUTLET CONFIGURATIONS AVAILABLE ON REQUEST

TYPICAL INSTALLATION



- Single or large area pump sets
- Polymer, stainless steel manifold options
- Full range of accessories to suit all installations
- Manifold models ranging from 2 - 12 ports
- Covered by a 2 year manufacturers warranty
- ERP compliant, high efficiency Grundfos UMP3 pump
- Maximum inlet temperature 90°C
- Maximum inlet pressure of 10 bar

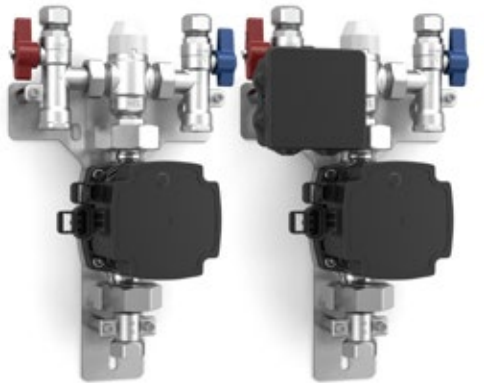
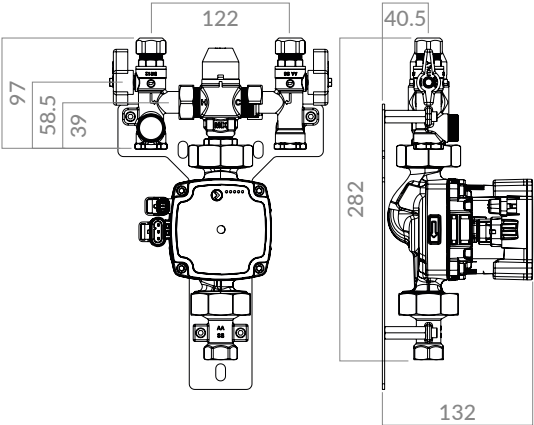


1.28  
Underfloor heating

SMALL AREA PUMP SETS

Small area pump sets consist of a mixing valve, circulating pump, isolating valves, flow and return connections and fixing bracket. Making it the ideal pump set for small areas like kitchens, bathrooms and conservatories.

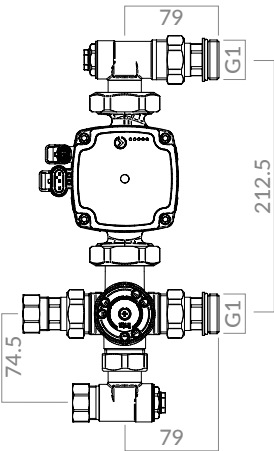
CODE	DESCRIPTION
UFHSLPSET	Single loop UFH mixer set
UFHSLPSETTC	Single loop UFH mixer set with thermal shut-off



MANIFOLD PUMP MIXER SETS

Inta's complete underfloor heating pump set is a compact unit designed to thermostatically control the temperature of water within an underfloor heating system. The kit includes the thermostatic mixing valve, an ERP compliant circulating pump, and manifold connection points.

CODE	DESCRIPTION
UFHPSET	Underfloor heating pump mixer set with brass finish
UFHPSETNK	Underfloor heating pump mixer set with nickel plated finish

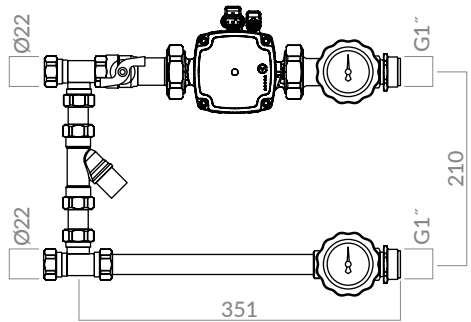




PUMP BOOST SET

Inta's pump boost set is for use on systems where the heat is supplied via heat pumps running at low temperatures, and there is no requirement for a thermostatic mixing valve.

CODE	DESCRIPTION
UFH001	UFH pump boost set



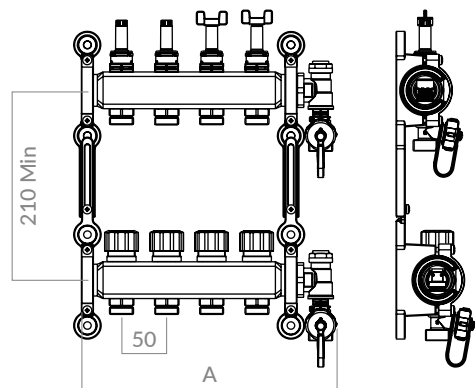
STAINLESS STEEL MANIFOLDS WITH MANUAL AIR VENT

CODE	DESCRIPTION	A
SSMANPB02	2-Port preassembled	183
SSMANPB03	3-Port preassembled	233
SSMANPB04	4-Port preassembled	283
SSMANPB05	5-Port preassembled	333
SSMANPB06	6-Port preassembled	383
SSMANPB07	7-Port preassembled	433
SSMANPB08	8-Port preassembled	483
SSMANPB09	9-Port preassembled	533
SSMANPB10	10-Port preassembled	583
SSMANPB11	11-Port preassembled	633
SSMANPB12	12-Port preassembled	683



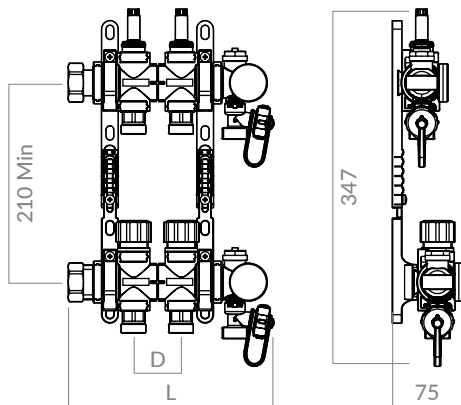
STAINLESS STEEL MANIFOLDS WITH AUTOMATIC AIR VENT

CODE	DESCRIPTION
SSMANPB02AAV	2-Port preassembled
SSMANPB03AAV	3-Port preassembled
SSMANPB04AAV	4-Port preassembled
SSMANPB05AAV	5-Port preassembled
SSMANPB06AAV	6-Port preassembled
SSMANPB07AAV	7-Port preassembled
SSMANPB08AAV	8-Port preassembled
SSMANPB09AAV	9-Port preassembled
SSMANPB10AAV	10-Port preassembled
SSMANPB11AAV	11-Port preassembled
SSMANPB12AAV	12-Port preassembled



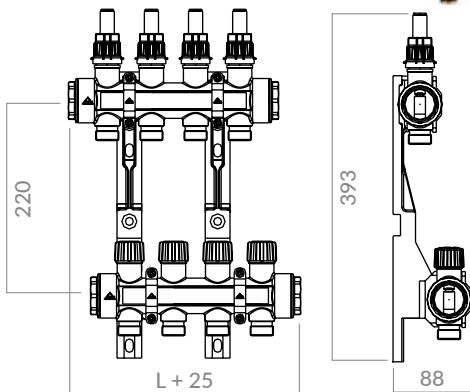
POLYMER MANIFOLDS DN16 CONNECTIONS

CODE	DESCRIPTION	L	D
POMANPB02	2-Port preassembled	216	50
POMANPB03	3-Port preassembled	266	50
POMANPB04	4-Port preassembled	316	50
POMANPB05	5-Port preassembled	366	50
POMANPB06	6-Port preassembled	416	50
POMANPB07	7-Port preassembled	466	50
POMANPB08	8-Port preassembled	516	50
POMANPB09	9-Port preassembled	566	50
POMANPB10	10-Port preassembled	616	50
POMANPB11	11-Port preassembled	703	50-87
POMANPB12	12-Port preassembled	753	50-87



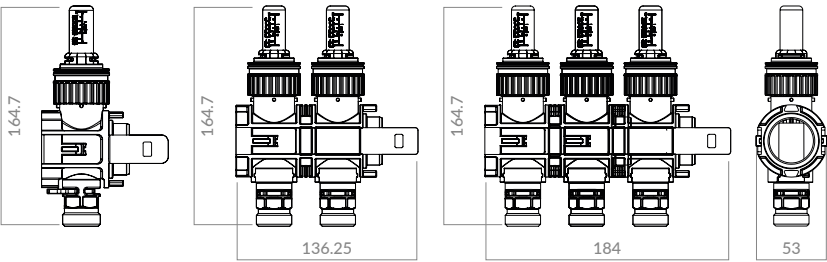
POLYMER MANIFOLDS 15MM POLYMAX CONNECTIONS

CODE	DESCRIPTION	L
UFHMANP2	Polypipe 2-port polymer manifold	138
UFHMANP3	Polypipe 3-port polymer manifold	188
UFHMANP4	Polypipe 4-port polymer manifold	238
UFHMANP5	Polypipe 5-port polymer manifold	288
UFHMANP6	Polypipe 6-port polymer manifold	338
UFHMANP7	Polypipe 7-port polymer manifold	388
UFHMANP8	Polypipe 8-port polymer manifold	438
UFHMANP9	Polypipe 9-port polymer manifold	488
UFHMANP10	Polypipe 10-port polymer manifold	538
UFHMANP11	Polypipe 11-port polymer manifold	623
UFHMANP12	Polypipe 12-port polymer manifold	673



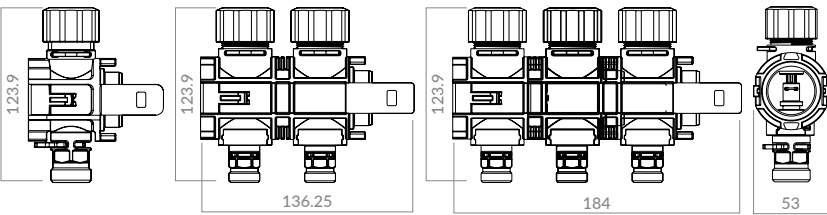
MODULAR MANIFOLDS - FLOW

CODE	DESCRIPTION
MOIPOR01	Inlet port with gasket seal
MOMANF01	Single supply port with flow meter
MOMANF02	Double supply port with flow meter
MOMANF03	Triple supply port with flow meter
MOBLAN01	Plugged port



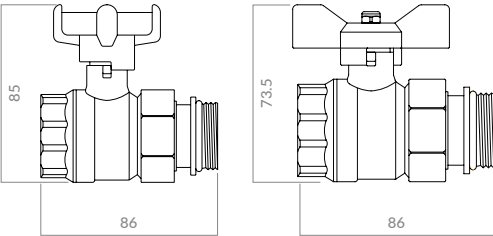
MODULAR MANIFOLDS - RETURN

CODE	DESCRIPTION
MOIPOR01	Inlet port with gasket seal
MOMANR01	Single return port
MOMANR02	Double return port
MOMANR03	Triple return port
MOBLAN01	Plugged port



ISOLATION VALVES

CODE	DESCRIPTION
UFHBVGPR.1	UFH pair of butterfly isolating valves with temperature gauge
UFHBBVPR	UFH pair of butterfly isolation valves



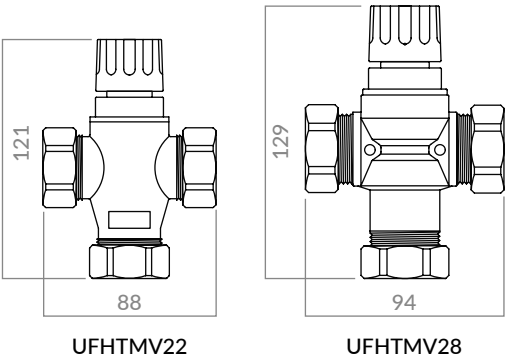
UFHBVGPR.1

UFHBBVPR



BLENDING VALVES

CODE	DESCRIPTION
UFHTMV22	22mm Underfloor heating thermostatic blending valve
UFHTMV28	28mm Underfloor heating thermostatic blending valve



PIPE FITTINGS

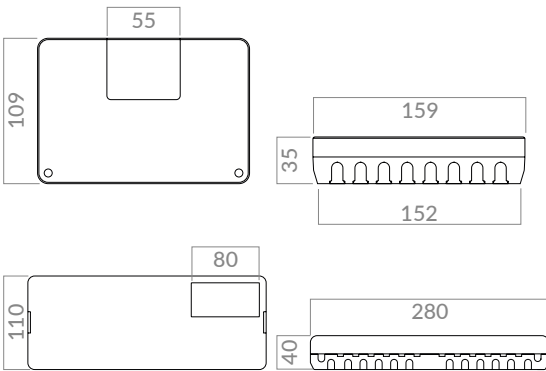
CODE	DESCRIPTION
162ECMLP	16 x 2 Eurocone for multilayer pipe
182ECMLP	18 x 2 Eurocone for multilayer pipe
202ECMLP	20 x 2 Eurocone for multilayer pipe



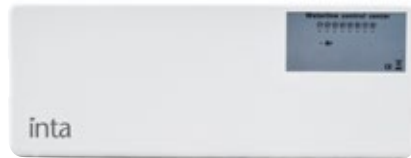
WIRED CENTRAL CONTROLLER

Inta's wired controllers provide a central wiring hub to enable direct configuration with our range of motorised valves & thermal actuators.

CODE	DESCRIPTION
SA210	5 - Zone wired central controller
SA209	8 - Zone wired central controller



SA210



SA209



POLYMER ACCESSORIES

CODE	DESCRIPTION
TG01	Temperature gauge
POCON01	Polymer manifold connector
POBRACKP01	Pair of adjustable brackets for polymer manifolds
POBRACKS01	Single adjustable bracket for polymer manifolds
POMAAV01	Accessory port c/w (automatic vent valve)
POMAV01	Accessory port c/w (manual vent valve)



STAINLESS STEEL ACCESSORIES

CODE	DESCRIPTION
SSACC01	Fill and drain valve for stainless steel
SSBRACK01	Pair of adjustable brackets for stainless steel manifolds
SSMAAV02	Accessory port with manual air vent, temperature gauge and fill/drain system for stainless steel manifolds
SSMAAV03	Accessory port with automatic air vent, temperature gauge and fill/drain system for stainless steel manifolds
TG01	Temperature gauge



MODULAR ACCESSORIES

CODE	DESCRIPTION
MOBRACK01	Pair of adjustable brackets for modular manifold
MOACC01	Accessory port with automatic air bleed valve, temperature gauge and fill/drain system
MOACC02	Accessory pot with manual air bleed valve, temperature gauge and fill/drain system
TG01	Temperature gauge
MOIPOR01	Inlet port with gasket seal
MOBLAN01	Plugged port



inta

Underfloor heating

For more information on our underfloor heating products, please see our dedicated product guide. Pick up your copy or view online by visiting

[intatec.co.uk](https://intatec.co.uk)

Scan the code to view online

- Available as heat, cooling or combined heat/cool meters
- Compact lightweight design
- Reliable for low volume flow rates
- Intuitive operating concept for ease of use
- Optional pulse, Mbus or wireless Mbus
- Available with three inlets or two pulse inputs or outputs
- Can be installed in any orientation
- Conforms to MID, class 2



ZELSIUS C5 IUF DOMESTIC HEAT/COOLING METER

Ultrasonic heat meter, six year battery life, maximum temperature 90°C, male threaded connection, MID Approved Class 2, return mounted, 1.5m temperature sensor cable.

CODE	NOMINAL FLOW RATE	LENGTH (MM)	PIPE CONNECTION	METER CONNECTION	NOMINAL PRESSURE	LIQUID	OUTPUT
ZE102C5	1.5 m³/h	110	1/2"	3/4"	16 bar	water	Mbus & pulse
ZE103C5	2.5 m³/h	130	3/4"	1"	16 bar	water	Mbus & pulse
SY102C5*	1.5 m³/h	110	1/2"	3/4"	16 bar	water	Mbus & pulse
SY103C5*	2.5 m³/h	130	3/4"	1"	16 bar	water	Mbus & pulse

\*Supplied with temperature sensor pocket ball valve



COUPLINGS AND UNIONS

CODE	DESCRIPTION	PIPE CONNECTION	METER CONNECTION
ZE015CO	DN15 Couplings (pair)	1/2"	3/4"
ZE020CO	DN20 Couplings (pair)	3/4"	1"
ZE025CO	DN25 Couplings (pair)	1"	1 1/4"
ZE040CO	DN40 Couplings (pair)	1 1/2"	2"



BALL VALVE OR POCKET (1 PER METER)

CODE	DESCRIPTION	LENGTH (MM)	PIPE CONNECTION
ZE015BV	15mm Temperature sensor ball valve	-	1/2"
ZE020BV	20mm Temperature sensor ball valve	-	3/4"
ZE025BV	25mm Temperature sensor ball valve	-	1"
ZE050PO	50mm Sensor pockets	34.5	-
ZE0105PO	105mm Sensor pockets	85	-



ISTA ULTEGO HEAT METER

CODE	DESCRIPTION	LENGTH (MM)	PIPE CONNECTION
77634	Ista ultego heat meter QP1.5 with mbus and wall bracket	110mm	3/4"





- Links solar heating unvented cylinders to a combi boiler
- Diverts to hot water supply from the combi boiler in the event of low cylinder temperatures
- Maximises the use of solar heated water in the cylinder
- Provides water at a controlled optimum temperature to the end user
- Maximum static pressure 10 bar
- Maximum dynamic pressure 5 bar
- Temperature adjustment range 35 - 55°C
- Temperature stability ±2°C
- Maximum inlet temperature 100°C
- Minimum flow rate for stable temperature 6 L/min



1.30  
Solar mixing valves

Inta's award-winning combi diverter valve enables solar heated unvented cylinders to be linked with a combi boiler. In the event that the cylinder temperature is only warm (or cold), the Intasol will divert the demand for hot water to the combi boiler, blending it to maintain safe delivery temperatures.

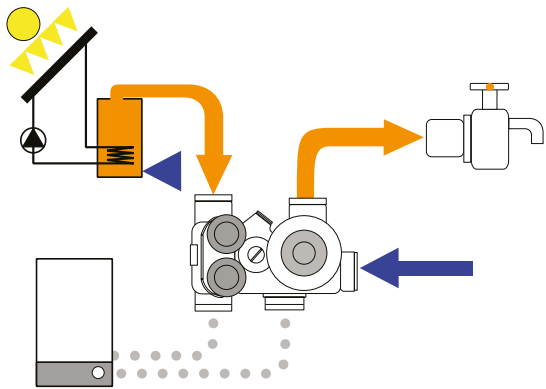
SOLAR TMV INTASOL COMBINATION DIVERTER VALVE

CODE	DESCRIPTION
555CSD1	Solar TMV Intasol combination diverter valve



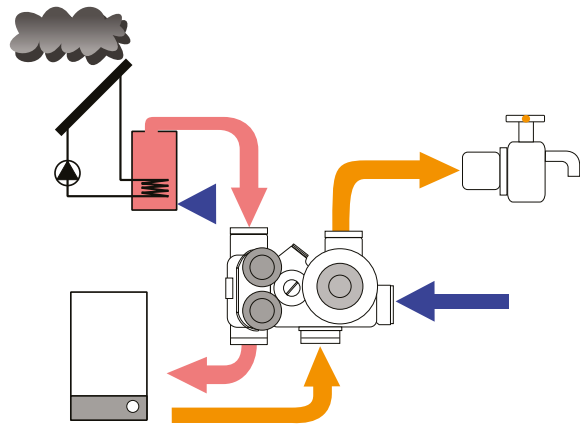
OPERATION EXAMPLE 1

When the domestic hot water has been heated up by the solar system, the intasol will regulate the hot and cold water supplies, blending the water down to a safe temperature for use at the outlet.



OPERATION EXAMPLE 2

When the temperature in the solar heated cylinder dips below usable levels, the Intasol diverts the warm from the cylinder to combi boiler which then heats it to a usable temperature, blending it with cold water to safe levels before delivering it to outlets.



SOLAR RATED THERMOSTATIC MIXING VALVES

CODE	DESCRIPTION	BOX QTY
50022SR	22mm Solar rated thermostatic mixing valve	20
50028SR	28mm Solar rated thermostatic mixing valve	20



LOW PRESSURE SOLAR RATED THERMOSTATIC MIXING VALVES

CODE	DESCRIPTION
50122SRLP	22mm Low pressure solar rated thermostatic mixing valve



Intermediary vessel protects expansion vessel membrane from excess temperatures

Comprehensive range of expansion vessels for solar systems

Manufactured according to PED 2014/68/EU & EN13831

Suitable for solar systems in accordance with DIN4757 and EN12977

Maximum temperature 100°C

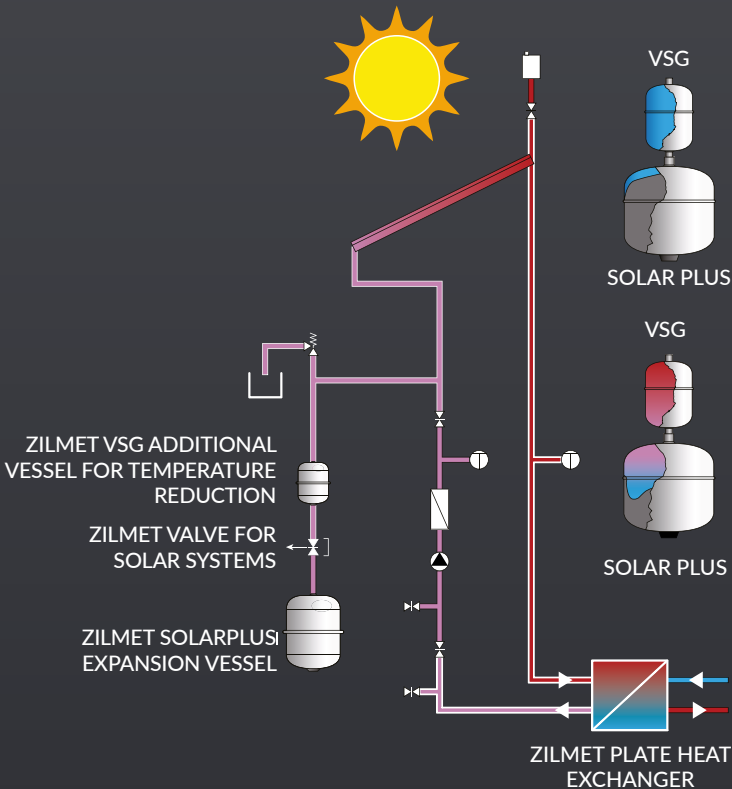
Maximum operating pressure of 10 bar

Factory pre-charge of 2.5 bar

100% Factory tested



Image for illustration purposes only



1.31  
Solar expansion vessels

Inta's range of Zilmet solar rated expansion vessels and connection options are the ideal solution for accommodating the expanding volume of glycol/water mix during the heating cycle. With both intermediate and combined expansion and intermediate vessels available, inta has a flexible solution for any installation.

VESSEL CONNECTION

CODE	DESCRIPTION
SOVK-A200	A200 vessel connection
Q28536	Link pipe for VSG to expansion vessel 3/4" x 3/4" x 300mm
TSOLMF	1" vessel connection elbow x DN16 (M 3/4")



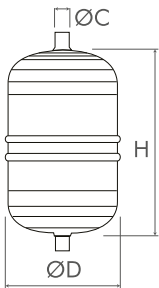
VESSEL ISOLATION

CODE	DESCRIPTION
SOVK-ZSV-1A	3/4" Vessel manual isolation valve



INTERMEDIATE VESSELS

CODE	CAPACITY	ØD	ØC	H	MAX WORKING PRESSURE
10000512	5 litres	160	3/4"	270	10 bar
10000837	8 litres	200	3/4"	280	10 bar
10001216	12 litres	270	3/4"	264	10 bar
10001836	18 litres	270	3/4"	349	10 bar
10003510	35 litres	380	3/4"	367	10 bar
10005022	50 litres	380	3/4"	505	10 bar



FLUID RECOVERY CONTAINERS

CODE	DESCRIPTION
EVPG550001	Eco safety valve discharge container with drain valve
MVPG001	Eco Zilmet metal safety valve discharge container with drain valve
SOLDV001	1/2" Solar drain or fill valve. max pressure 16 bar. max temperature 180°C



SOLAR RATED AIR VENTS

CODE	DESCRIPTION
SOLAIR31	Solar high temperature automatic air vent
300284	Isolating valve for solar auto air vent (3/8" M and F)



SOLAR RATED CHECK VALVES

CODE	DESCRIPTION
SOLCHK75	3/4" Solar check valve. max pressure 16 bar. max temperature 180°C
SOLCHK01	1" Solar check valve. max pressure 16 bar. max temperature 180°C



SOLAR RATED FILL AND FLUSH VALVES

CODE	DESCRIPTION
SOLDV322.22	22mm DN16 Solar drain and flush valve with isolation and 2 drain points
SOLDV328.28	28mm DN16 Solar drain and flush valve with isolation and 2 drain points





ANNULAR SOLAR PIPE FITTINGS

CODE	DESCRIPTION	BOX QTY
SF16-FITPAC	3/4" BSP female nuts, C clips and gasket - bag of four	-
SF25-FITPAC	1 1/4" BSP female nuts, C clips and gasket - bag of four	-

PFP704716	3/4" Female nut for DN16 pipe - bag of ten	20
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PFP307516	3/4" Flat face brass couplings for DN16 pipe - bag of four	20
SF16-3575R	3/4" x 1/2" Flat face brass reducing coupler (DN16 to DN12)	-
SF20-0175R	1" x 3/4" Flat face brass reducing coupler (DN20 to DN16)	-

PFP4022C16	22mm x 3/4" Flat face couplers for DN16 pipe - bag of four	-
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SF22561	Brass inserts for copper pipe	500
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SFS-500CC1	DN16 C clips - bag of twenty	20
SFS-700CC1	DN25 C clips - bag of twenty	-

PFP3PAC16	3/4" Male thread, C clip and gasket - adaptor for DN16 pipe - bag of four	-
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PFP 306320	1" Male thread union nut for DN20 pipe - bag of four	-
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PFP302720	Pump station fitting 3/4" with O ring seal x 1" for DN16 pipe - bag of four	-
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SF16-W0010	Fibre gasket for 3/4"/DN16 fittings - bag of one hundred	-
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COMPRESSION FITTINGS FOR SOLAR PIPE

CODE	DESCRIPTION	BOX QTY
850VR020400	DN16 compression x 1/2" male BSP coupler - bag of four	-
850VR020401	DN16 compression x 3/4" male BSP coupler - bag of four	-
850VR020402	DN20 compression x 3/4" male BSP coupler - bag of four	-
850VR020403	DN20 compression x 1" male BSP coupler - bag of four	-
850VR020404	DN25 compression x 1 1/4" male BSP coupler - bag of four	-

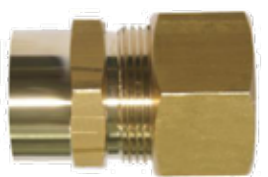
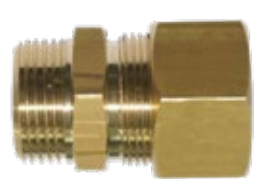
850VR020405	DN16 compression x 1/2" male BSP coupler - bag of four	-
850VR020406	DN16 compression x 3/4" male BSP coupler - bag of four	-
850VR020408	DN20 compression x 1" male BSP coupler - bag of four	-

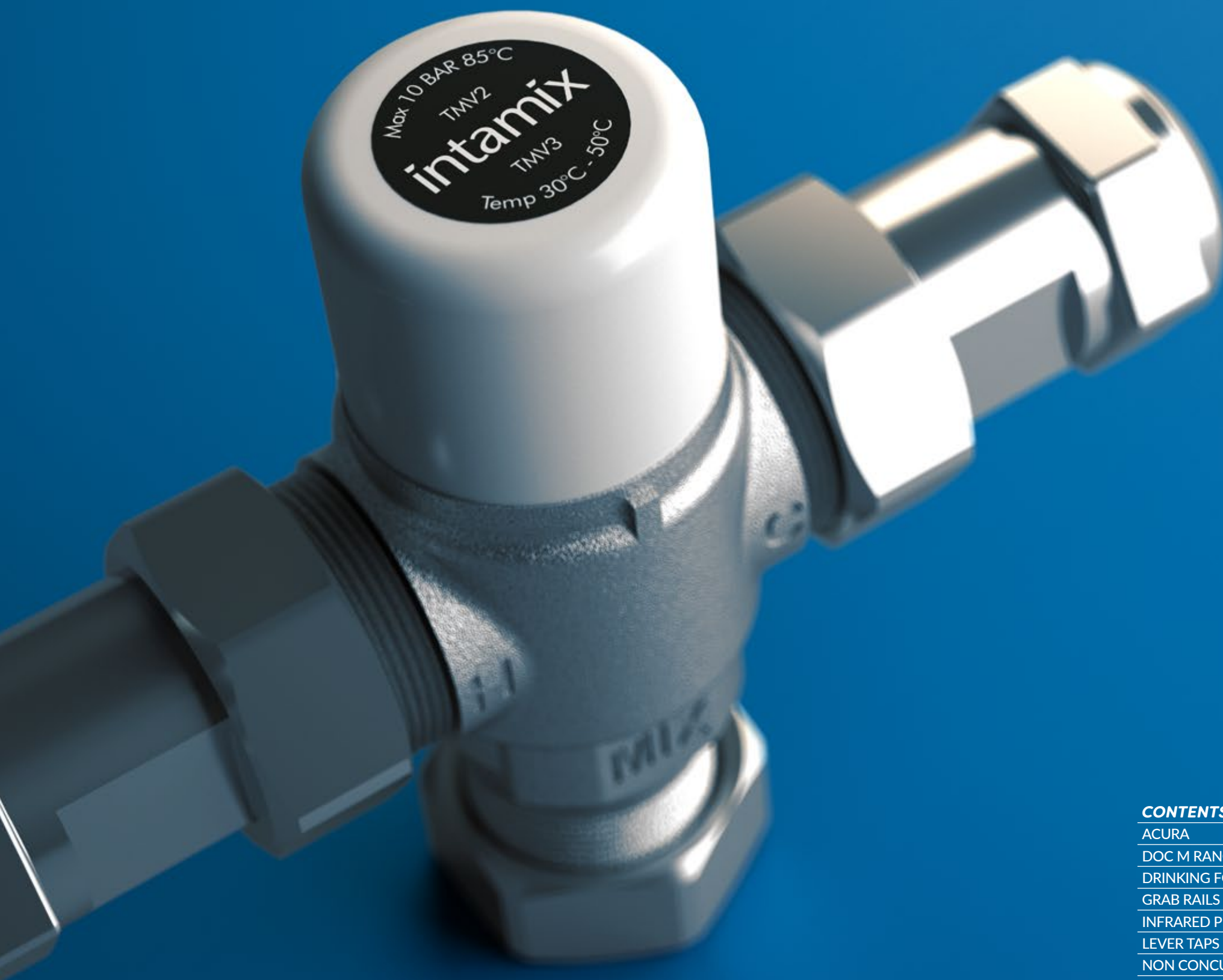
850VR020409	DN16 compression x 15mm coupler - bag of four	10
850VR020413	DN20 compression x 22mm coupler - bag of four	1
850VR020414	DN25 compression x 22mm coupler	1
SF22561	Brass inserts for copper pipe	500

QC-5051-CU15	DN16 x 15mm quick pipe coupler - bag of four	-
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QC-5031	DN16 x DN16 quick pipe coupler - bag of four	4
850VR020416	DN20 x DN20 compression pipe coupler - bag of four	-
850VR020417	DN25 x DN25 compression pipe coupler - bag of four	-

850VR020418	DN16 compression ring - bag of ten	-
850VR020420	DN20 compression ring - bag of ten	-
850VR020422	DN25 compression ring - bag of ten	-
QC-5001-2	DN16 olives for quick pipe couplings - bag of twenty	-





# inta

## *Commercial Collection*

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FREQUENTLY USED APPLICATIONS



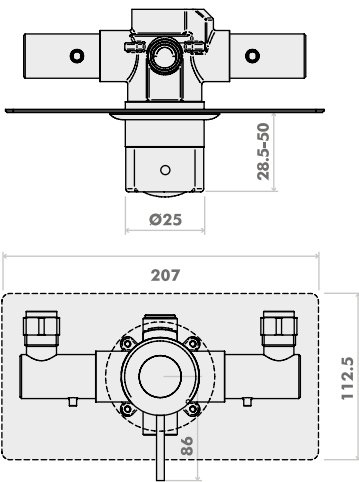
ACURA CARE CONCEALED THERMOSTATIC SEQUENTIAL SHOWER VALVE

- Long lever to aid operation for users with limited dexterity
- Anti-scald fail-safe technology
- Thermostatic sequential control
- With top and bottom connection



**79020CP**  
Acura Care concealed thermostatic sequential shower valve

- 10 bar max inlet pressure (static)
- 0.2 bar min inlet pressure (dynamic)
- 85°C max inlet temperature
- Factory pre-set temperature: 43°C with max temp stop
- Temperature stability:  $\pm 2^{\circ}\text{C}$
- Inlet connections: 15mm compression
- Outlet connections: 15mm compression
- Min temperature differential to achieve failsafe: 10°C
- System installation: unvented, pressurised, gravity and combination



ACURA CARE EXPOSED THERMOSTATIC SEQUENTIAL SHOWER VALVE

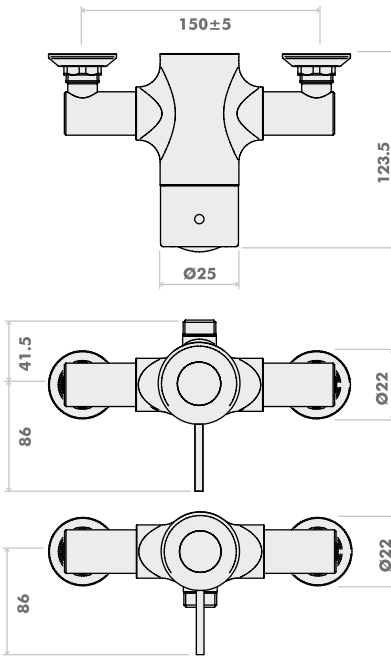
- Long levers to aid operation for users with limited dexterity
- Anti-scald fail-safe technology
- Thermostatic sequential control



**79010CP**  
Acura Care exposed thermostatic sequential shower valve top outlet

**79011CP**  
Acura Care exposed thermostatic sequential shower valve bottom outlet

- 10 bar max inlet pressure (static)
- 0.2 bar min inlet pressure (dynamic)
- 85°C max inlet temperature
- Factory pre-set temperature: 43°C with max temp stop
- Inlet connections: 15mm compression
- Outlet connections: G 1/2" BSP (top or bottom)
- System installation: unvented, pressurised, gravity and combination



ACURA SEQUENTIAL CONTROL EXPOSED SHOWER

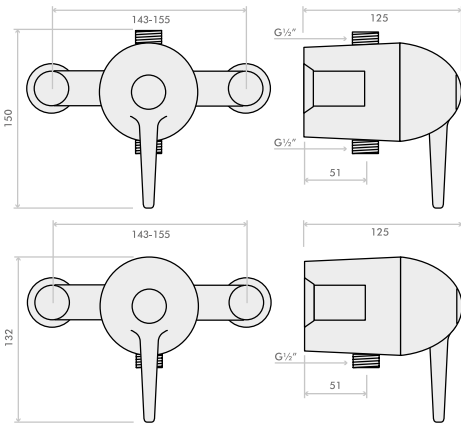
- Long lever to aid operation for users with limited dexterity
- Thermostatic sequential control
- Anti-scald fail-safe technology
- Available in concealed, exposed with top and bottom connection or bottom only connection
- Can be used in conjunction with lever operated two way diverter (SDIVERT)



**90033CP**  
Acura exposed thermostatic sequential control shower with top and bottom outlet

**90030CP**  
Acura exposed thermostatic sequential control shower

- 10 bar max inlet pressure (static)
- 0.2 bar min inlet pressure (dynamic)
- 85°C max inlet temperature
- Inlet connections: 15mm compression elbows
- Outlet connections: G 1/2" BSP
- Min temperature differential to achieve failsafe: 10°C
- Thermostatic cartridge: B091169



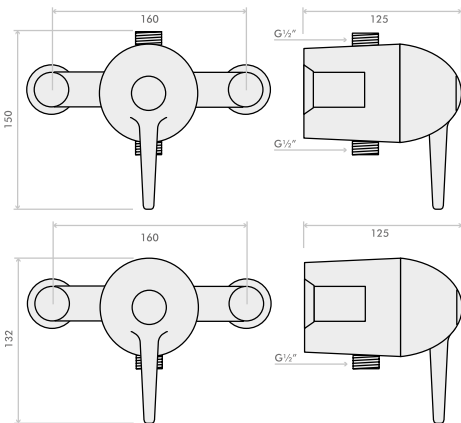
ACURA SEQUENTIAL CONTROL EXPOSED SHOWER WITH BUILT IN ISOLATION VALVES

- Long lever to aid operation for users with limited dexterity
- Thermostatic sequential control
- Anti-scald fail-safe technology
- Isolating valves on the inlets
- Serviceable check valves
- Can be used in conjunction with lever operated two way diverter (SDIVERT)



**90034CP**  
Acura exposed thermostatic sequential control shower with top or bottom outlet and isolating inlets

- 10 bar max inlet pressure (static)
- 0.2 bar min inlet pressure (dynamic)
- 85°C max inlet temperature
- Inlet connections: 15mm compression elbows
- Outlet connections: G 1/2" BSP
- Min temperature differential to achieve failsafe: 10°C
- Thermostatic cartridge: B091169



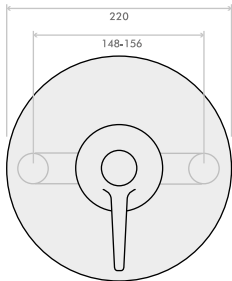
ACURA SEQUENTIAL CONTROL CONCEALED SHOWER

- Long lever to aid operation for users with limited dexterity
- Thermostatic sequential control
- Anti-scald fail-safe technology
- Available in concealed, exposed with top and bottom connection or bottom only connection
- Can be used in conjunction with lever operated two way concealed diverter (DI7001CP)



**90032CP**  
Acura concealed thermostatic sequential control shower

- 10 bar max inlet pressure (static)
- 0.2 bar min inlet pressure (dynamic)
- 85°C max inlet temperature
- Inlet connections: 15mm compression elbows
- Outlet connections: 15mm compression
- Min temperature differential to achieve failsafe: 10°C
- Thermostatic cartridge: B091169



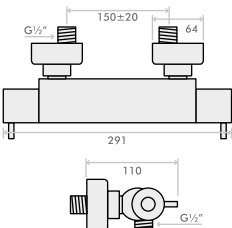
ACURA SAFE TOUCH THERMOSTATIC BAR SHOWER

- Long levers to aid operation for users with limited dexterity
- Thermostatic control with anti-scald fail-safe technology
- Safe touch shower body
- Independent control of temperature and flow



**ST10010CP**  
Acura safe touch thermostatic bar shower

- 5 bar max inlet pressure (static)
- 0.2 bar min inlet pressure (dynamic)
- 85°C max inlet temperature
- Inlet connections: 1/2" Fast fix
- Outlet connections: 1/2" M
- Min temperature differential to achieve failsafe: 10°C
- Thermostatic cartridge: 10017
- Flow cartridge: 05VC10FLNF





ACURA THERMOSTATIC BATH FILLER

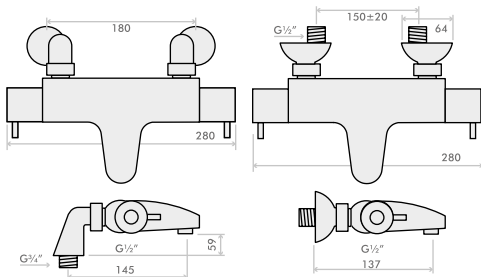
- Long levers to aid operation for users with limited dexterity
- Thermostatic control with anti-scald fail-safe technology
- Wall or deck mounted options
- Independent control of temperature and flow



**AC50010CP**  
Acura thermostatic bath filler

**AC50020CP**  
Acura thermostatic bath filler with deck mounting legs

- 5 bar max inlet pressure (static)
- 0.2 bar min inlet pressure (dynamic)
- 85°C max inlet temperature
- Inlet connections: G 3/4" F BSP (valve body)
- Min temperature differential to achieve failsafe: 15°C
- Thermostatic cartridge: 10017



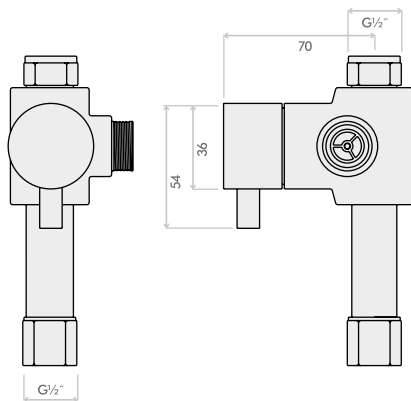
EXPOSED DIVERTER VALVE

- Long lever to aid operation for users with limited dexterity
- Diverts water flow between outlets



**SDIVERT**  
Exposed lever operated diverter

- 5 bar max inlet pressure (static)
- 85°C max inlet temperature
- Inlet connections: 1/2" F
- Outlet connections: 1/2" M and 15mm



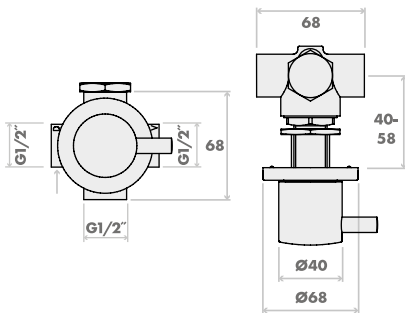
CONCEALED DIVERTER VALVE

- Long lever to aid operation for users with limited dexterity
- Diverts water flow between outlets



**DI7001CP**  
Concealed minimalistic 2-way diverter

- 5 bar max inlet pressure (static)
- 85°C max inlet temperature
- Inlet connections: 1/2" F
- Outlet connections: 1/2" M and 15mm



To see our  
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showering  
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or scan





# inta

## Grab rails

### FREQUENTLY USED APPLICATIONS



## 2.02

### Grab rails

#### PLASTIC GRAB RAILS WITH CONCEALED FIXINGS

- Plastic construction
- Concealed fixings
- Blue (RAL 5011) or White (RAL 9016)

**PL300WH**  
300mm White plastic grab rail 35mm Ø

**PL450WH**  
450mm White plastic grab rail 35mm Ø

**PL600WH**  
600mm White plastic grab rail 35mm Ø

**PL300BL**  
300mm Blue plastic grab rail 35mm Ø

**PL450BL**  
450mm Blue plastic grab rail 35mm Ø

**PL600BL**  
600mm Blue plastic grab rail 35mm Ø



#### POWDER COATED GRAB RAILS WITH EXPOSED FIXINGS

- Mild steel construction
- Exposed fixings
- Blue (RAL 5011) or White (RAL 9016)

**GR30035WH**  
300mm White grab rail 35mm Ø

**GR45035WH**  
450mm White grab rail 35mm Ø

**GR60035WH**  
600mm White grab rail 35mm Ø

**GR80035HWH**  
800mm White hinged grab rail 35mm Ø (with toilet roll holder)

**GR30035BL**  
300mm Blue grab rail 35mm Ø

**GR45035BL**  
450mm Blue grab rail 35mm Ø

**GR60035BL**  
600mm Blue grab rail 35mm Ø

**GR80035HBL**  
800mm Blue hinged grab rail 35mm Ø (with toilet roll holder)







POWDER COATED GRAB RAILS WITH CONCEALED FIXINGS

- Mild steel stainless steel construction
- Concealed fixings
- Blue (RAL 5011) or White (RAL 9016)

<b>GR30032WH</b>
300mm White grab rail 32mm Ø
<b>GR45032WH</b>
450mm White grab rail 32mm Ø
<b>GR60032WH</b>
600mm White grab rail 32mm Ø
<b>GR80035HWH</b>
800mm White hinged drop down grab rail 32mm Ø (with toilet roll holder)
<b>GR30032BL</b>
300mm Blue grab rail 32mm Ø
<b>GR45032BL</b>
450mm Blue grab rail 32mm Ø
<b>GR60032BL</b>
600mm Blue grab rail 32mm Ø
<b>GR80035HBL</b>
800mm Blue hinged drop down grab rail 32mm Ø (with toilet roll holder)

STAINLESS STEEL GRAB RAILS WITH CONCEALED FIXINGS

- Stainless steel construction
- Concealed fixings
- Polished or brushed finish

<b>GR30032SSB</b>
300mm Brushed stainless steel grab rail 32mm Ø
<b>GR45032SSB</b>
450mm Brushed stainless steel grab rail 32mm Ø
<b>GR60032SSB</b>
600mm Brushed stainless steel grab rail 32mm Ø
<b>GR30032SSP</b>
300mm Polished stainless steel grab rail 32mm Ø
<b>GR45032SSP</b>
450mm Polished stainless steel grab rail 32mm Ø
<b>GR60032SSP</b>
600mm Polished stainless steel grab rail 32mm Ø



LESS ABLED SHOWER KIT AND SLIDING HANDSET HOLDER

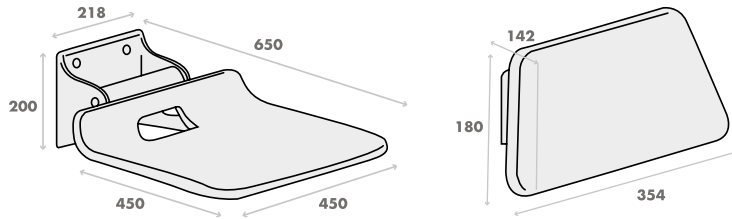
- Easy to operate paddle lever
- Soft touch easy grip lever with simple operation
- Suitable for 32mm diameter rails
- Blue (RAL 5011) or White (RAL 9016)

<b>LA1003WH</b>
Less abled shower kit 900mm white grab rail with 2m hose and handset
<b>LA1003BL</b>
Less abled shower kit 900mm blue grab rail with 2m hose and handset
<b>LA0008WH</b>
Less abled sliding handset holder in white
<b>LA0008BL</b>
Less abled sliding handset holder in blue

LESS ABLED SHOWER SEATS

- Ergonomically curved seat with anti-slip surface
- Can hold up to 125kg

<b>R16200112</b>
Wall-mounted foldable shower seat
<b>R16610112</b>
Wall-mounted back rest

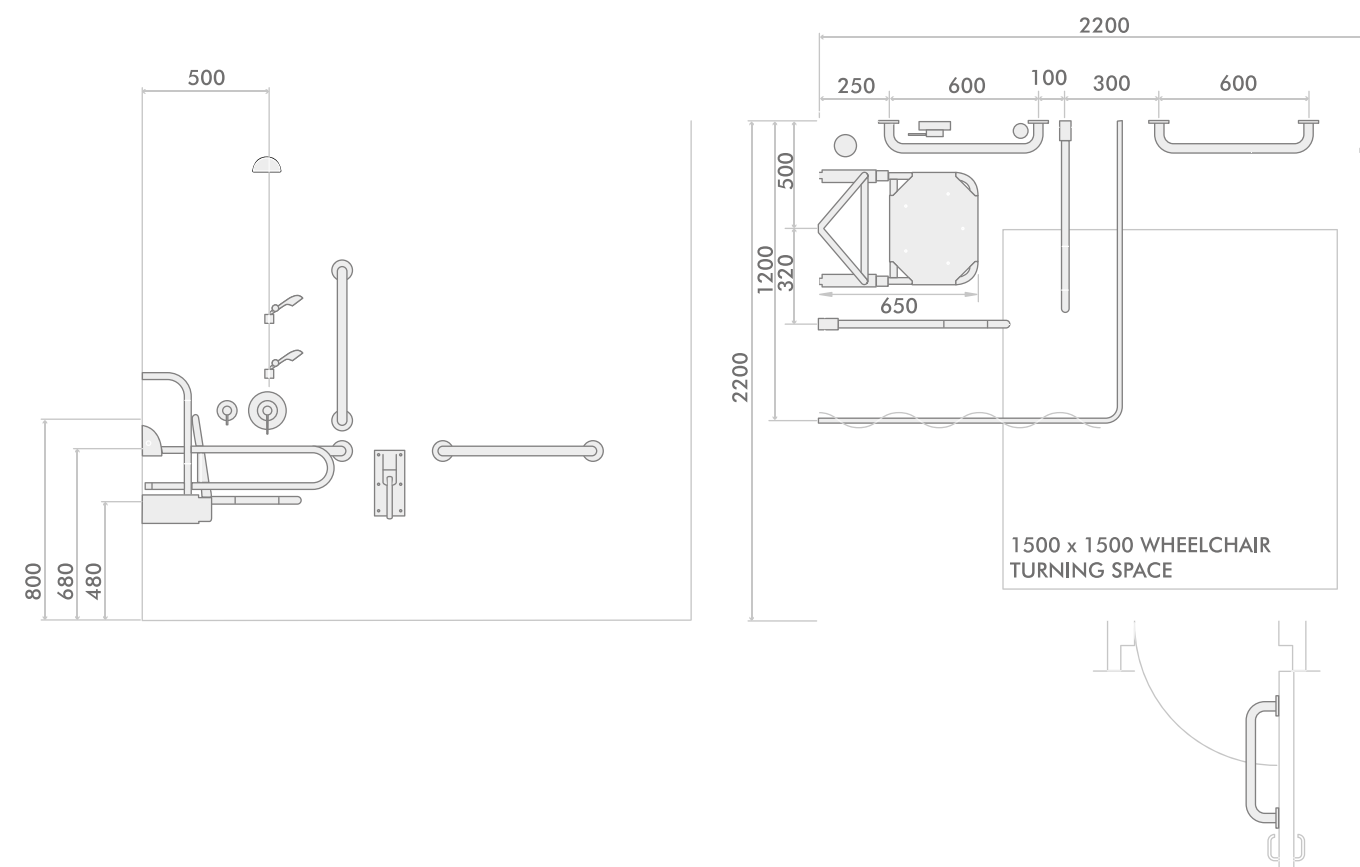




HEALTHCARE COMMERCIAL EDUCATION LESS ABLE



\* 90033CP / 90032CP



### DOC M SHOWER PACK

- Document M compliant
- DDA compliant
- TMV3 approved thermostatic shower (90033CP / 90032CP)
- Exposed or concealed packs
- Blue (RAL 5011) or White (RAL 9016)

#### DMPS902WH

Doc M shower room pack with white rails and TMV3 shower - concealed

#### DMPS902BL

Doc M shower room pack with blue rails and TMV3 shower - concealed

#### DMPS902GR

Doc M shower room pack with grey rails and TMV3 shower - concealed

#### DMPS904WH

Doc M shower room pack with white rails and TMV3 shower - exposed

#### DMPS904BL

Doc M shower room pack with white rails and TMV3 shower - exposed

#### DMPS904GR

Doc M shower room pack with grey rails and TMV3 shower - exposed





DOC M LOW LEVEL PACKS

- Document M compliant
- DDA compliant
- TMV3 approved thermostatic mixer or mixer tap\*
- WRAS approved fittings\*
- Low level or close coupled
- Mild steel construction rails finished in colours Blue (RAL 5011) or White (RAL 9016)

DM600WH

Doc M 6ltr low level WC pack with white rails

DMX600WH

Doc M 6ltr low level WC pack with white rails and TMV3 approved thermostatic tap\*

DM600WH3

Doc M 6ltr low level WC pack with white rails and 15mm TMV3 approved mixing valve\*

DM600BL

Doc M 6ltr low level WC pack with blue rails

DMX600BL

Doc M 6ltr low level WC pack with blue rails and TMV3 approved thermostatic tap\*

DM600BL3

Doc M 6ltr low level WC pack with blue rails and 15mm TMV3 approved mixing valve\*

DM600GR

Doc M 6ltr low level WC pack with grey rails

DMX600GR

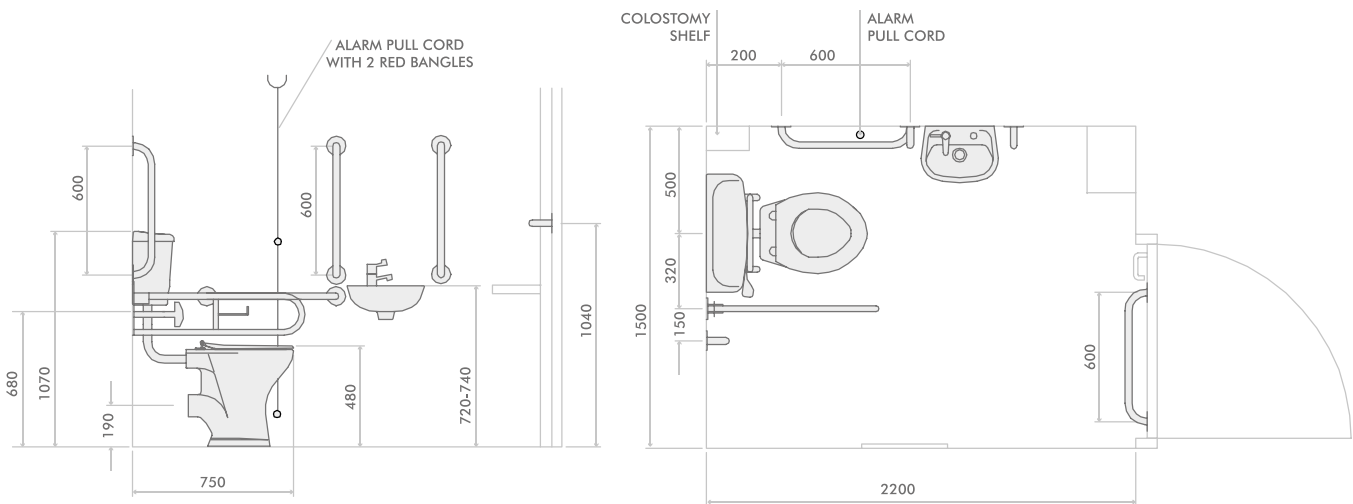
Doc M 6ltr low level WC pack with grey rails and TMV3 approved thermostatic tap\*

DM600GR3

Doc M 6ltr low level WC pack with grey rails and 15mm TMV3 approved mixing valve\*



\* IT1005CP / 40015CP



DOC M CLOSE COUPLED PACKS

- Document M compliant
- DDA compliant
- TMV3 approved thermostatic mixer or mixer tap\*
- WRAS approved fittings\*
- Low level or close coupled
- Mild steel construction rails finished in colours Blue (RAL 5011) or White (RAL 9016)

DM601WH

Doc M 6ltr close coupled WC pack with white rails

DMX601WH

Doc M 6ltr close coupled WC pack with white rails and TMV approved thermostatic mixing tap\*

DM601WH3

Doc M 6ltr close coupled WC pack with white rails and a 15mm TMV3 approved mixing valve\*

DM601BL

Doc M 6ltr close coupled WC pack with blue rails

DMX601BL

Doc M 6ltr close coupled WC pack with blue rails and TMV approved thermostatic mixing tap\*

DM601BL3

Doc M 6ltr close coupled WC pack with blue rails and a 15mm TMV3 approved mixing valve\*

DM601GR

Doc M 6ltr close coupled WC pack with grey rails

DMX601GR

Doc M 6ltr close coupled WC pack with grey rails and TMV approved thermostatic mixing tap\*

DM601GR3

Doc M 6ltr close coupled WC pack with grey rails and a 15mm TMV3 approved mixing valve\*

DM601CR

Luxury Doc M pack with chrome rails, 6ltr close coupled WC and basin mixer tap

DMX601CR

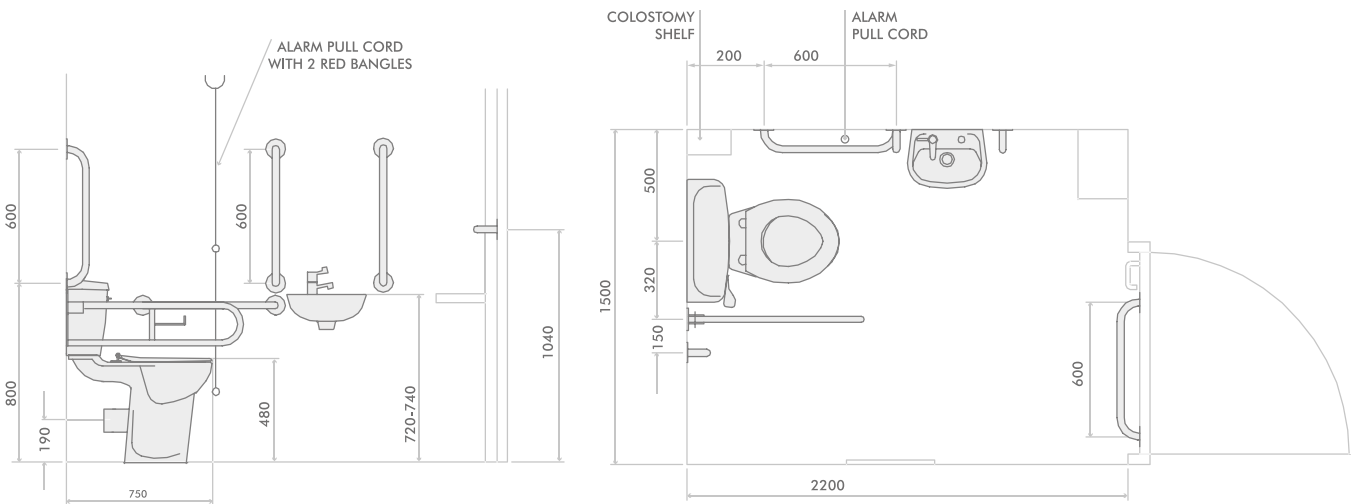
Luxury Doc M pack with chrome rails, 6ltr close coupled WC and TMV3 approved thermostatic basin mixing tap\*

DM601CR3

Luxury Doc M pack with chrome rails, 6ltr close coupled WC, basin mixer tap and 15mm TMV3 approved mixing valve\*



\* IT1005CP / 40015CP







INTAMIX THERMOSTATIC MIXING VALVES

- Thermostatic control
- Anti-scald fail-safe technology
- Suitable for high and low pressure
- Integral check valves

40015CP

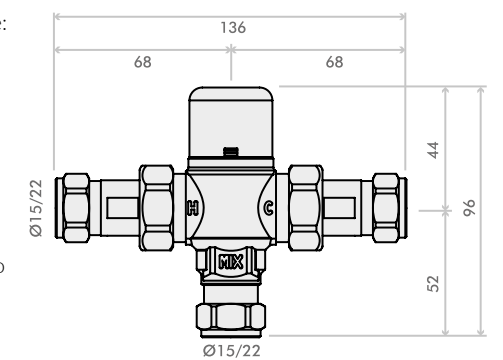
Intamix thermostatic mixing valve 15mm

40022CP

Intamix thermostatic mixing valve 22mm



- Temperature adjustment range: 30°C - 50°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



INTAMIX THERMOSTATIC MIXING VALVES WITH SERVICE VALVES

- Thermostatic control
- Anti-scald fail-safe technology
- Suitable for high and low pressure
- Integral check valves
- Isolating ball valves

400MX15CP

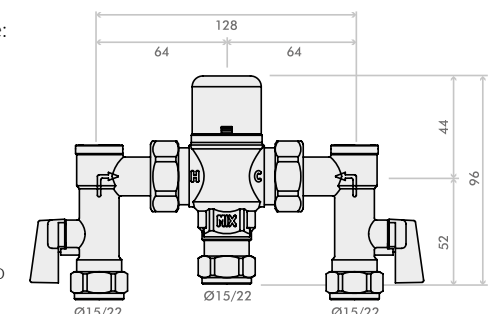
Intamix thermostatic mixing valve 15mm with service valves

400MX22CP

Intamix thermostatic mixing valve 22mm with service valves



- Temperature adjustment range: 30°C - 50°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



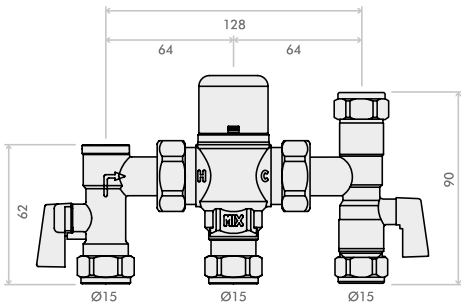


INTAMIX THERMOSTATIC MIXING VALVES WITH SERVICE VALVES AND COMPRESSION TOP CONNECTOR

- Thermostatic control
  - Anti-scald fail-safe technology
  - Suitable for high and low pressure
- Integral check valves and isolating ball valves with straight through connection for the cold supply

**400MS15CP**  
Intamix thermostatic mixing valve 15mm with service valves and compression top connector

- Temperature adjustment range: 30°C - 50°C
- Temperature stability: ±2°C
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



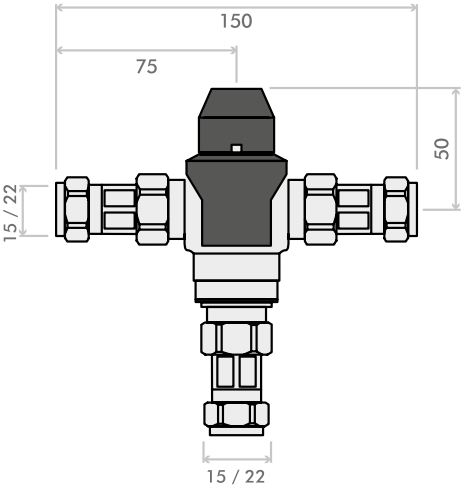
T-PATTERN L MIX THERMOSTATIC FAILSAFE MIXING VALVES

- Thermostatic control
  - Anti-scald fail-safe technology
- Suitable for high and low pressure
  - L pattern inlet arrangement to reduce installation time

**60020CP**  
15mm T-pattern L mix thermostatic mixing valve

**60021CP**  
22mm T-pattern L mix thermostatic mixing valve

- Temperature adjustment range: 30°C - 50°C
- Temperature stability: ±2°C
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



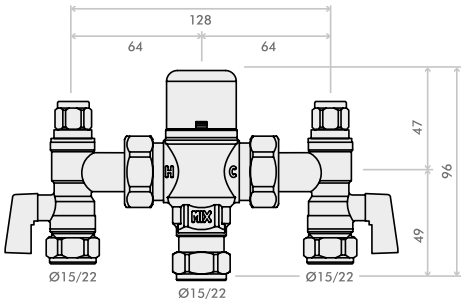
INTAMIX THERMOSTATIC MIXING VALVES WITH SERVICE VALVES AND TEST POINT

- Thermostatic control
  - Anti-scald fail-safe technology
- Suitable for high and low pressure
  - Integral check valves, isolating ball valves and inspection points

**400MZ15CP**  
Intamix thermostatic mixing valve 15mm with service valves and test point

**400MZ22CP**  
Intamix thermostatic mixing valve 22mm with service valves and test point

- Temperature adjustment range: 30°C - 50°C
- Temperature stability: ±2°C
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



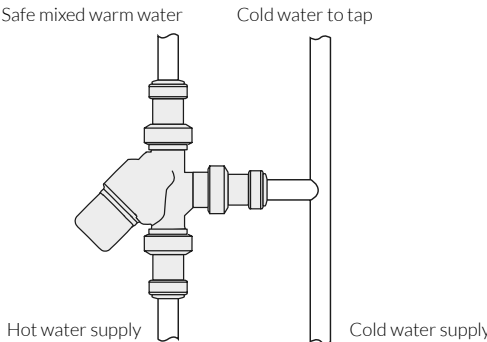
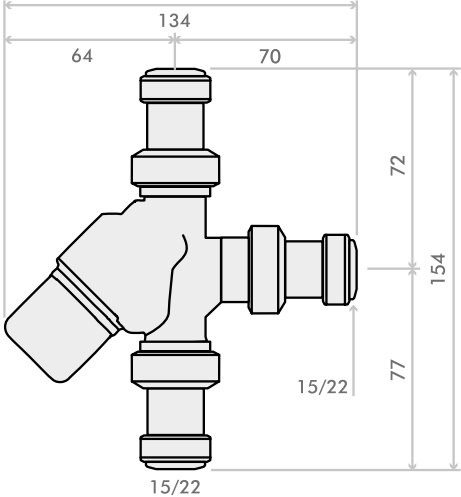
L MIX THERMOSTATIC FAILSAFE MIXING VALVES

- Thermostatic control
  - Anti-scald fail-safe technology
- Suitable for high and low pressure
  - L pattern inlet arrangement to reduce installation time

**60010CP**  
Intamix L-mix 15mm

**60011CP**  
Intamix L-mix 22mm

- Temperature adjustment range: 30°C - 50°C
- Temperature stability: ±2°C
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1





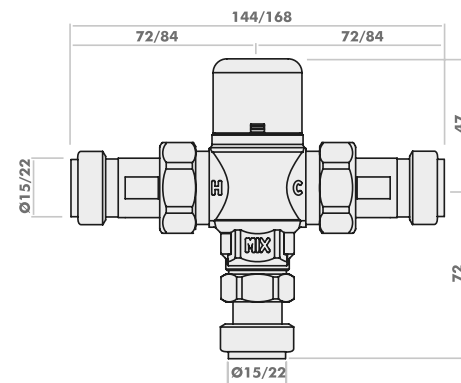
### INTAMIX PUSH FIT THERMOSTATIC MIXING VALVE

- One valve to suit all applications
- One piece cartridge construction for ease of maintenance and replacement
- High flow rates with low pressure drops
- Building regulations Part G compliant
- Integral check valves and strainers
- Push fit connections
- Highly resistant to scaling
- Anti-tamper proof head

#### WMPFTMV15

Intamix push fit thermostatic mixing valve 15mm

- Temperature adjustment range: 30°C - 50°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Inlet temperature range: 52°C - 65°C - HOT  
5°C - 20°C - COLD
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



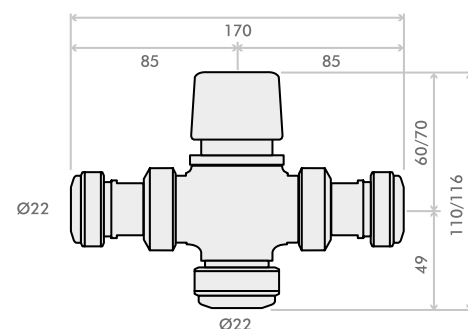
### INTAMIX LOW PRESSURE UNDER BATH THERMOSTATIC MIXING VALVE

- Thermostatic control
- Large flow rates with low pressure drops
- Anti-scald fail-safe technology
- Ideal for under-bath thermostatic control

#### 60007CP

Intamix low pressure under bath thermostatic mixing valve 22mm compression

- Temperature adjustment range: 25°C - 50°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



# intamix DELTA



For information on the new Intamix Delta range, please scan Or visit

**intatec.co.uk**





INTAMIX LOW PRESSURE UNDER BATH THERMOSTATIC MIXING VALVE

- Thermostatic control
- Large flow rates with low pressure drops
- Anti-scald fail-safe technology
- Ideal for under-bath thermostatic control

41028CPB

Intamix 28mm thermostatic mixing valve with isolation unions and check valves

- Temperature adjustment range: 25°C - 50°C
- Temperature stability: ±2°C
- Max inlet temperature: 85°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



COMMERCIAL



RESIDENTIAL



LEISURE



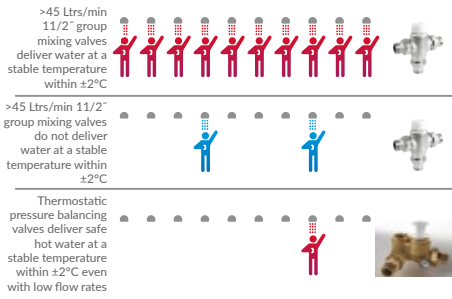
THERMOSTATIC PRESSURE BALANCING VALVE

- Thermostatic control
- Pressure balancing
- Anti-scald fail-safe technology
- Provides stable thermostatic mixed water for group showering even with low flow demand, making it ideal for gymnasiums where the use of multiple showers at the same time is infrequent

60013CP

1 1/2" Thermostatic pressure balancing valve

- Temperature adjustment range: 30°C - 48°C
- Temperature stability: ±2°C
- Max inlet temperature: 90°C
- Max operating pressure: 10 bar static, 5 bar dynamic
- Min inlet pressure: 0.5 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1
- kv: 5.5



COMMERCIAL



LEISURE



INTAMIX PRO THERMOSTATIC GROUP MIXING VALVES

60001CP

1/2" Screwed male iron with check valves

60003CP

3/4" Screwed male iron with check valves

60004CP

1" Screwed male iron with check valves

60005CP

1 1/4" Screwed male iron with check valves

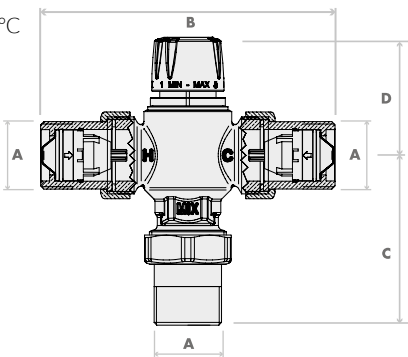
60006CP

1 1/2" Screwed male iron

60023CP

2" Screwed male iron

- Temperature adjustment range: 30°C - 65°C
- Temperature stability: ±2°C
- Max inlet temperature: 90°C
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Max pressure inlet differential: 2:1



CODE	A	B	C	D
60001CP	1/2"	108	67	55
60003CP	3/4"	118	72	55
60004CP	1"	165	96	79
60005CP	1 1/4"	183	105	79
60006CP	1 1/2"	217	125.5	100
60023CP	2"	238	138.5	100



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LEISURE



INTAMIX PRO V THERMOSTATIC GROUP MIXING VALVES

- Thermostatic control
- Large flow rates with low pressure drops for group mixing
- Integral check valve and isolating ball valves

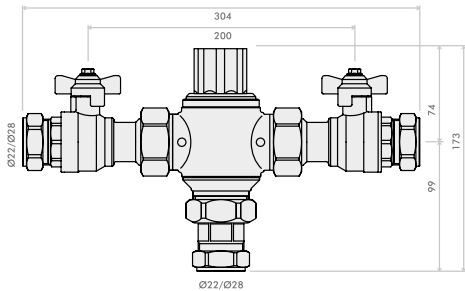
61022CPB

Intamix Pro V 22mm with isolating unions

61028CPB

Intamix Pro V 28mm with isolating unions

- Temperature adjustment range: 30°C - 65°C
- Temperature stability: ±2°C
- Max inlet temperature: 85°C
- Max operating pressure: 14 bar static
- Min inlet pressure: 0.2 bar dynamic
- Max pressure inlet differential: 2:1



COMMERCIAL



LEISURE

# inta

## Thermostatic mixing valves



### POLISHED 15MM THERMOSTATIC MIXING VALVE

- Thermostatic Control
- Anti-scald fail safe technology
- Integral check valves

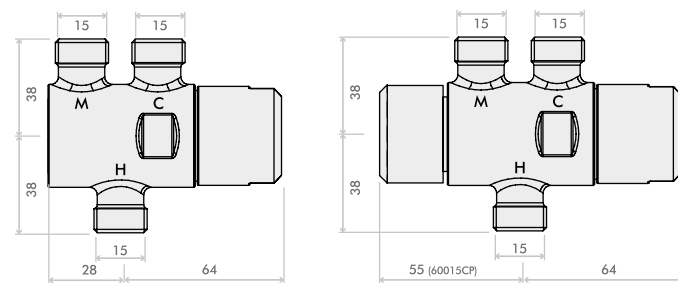
#### 62015CP

Polished 15mm thermostatic mixing valve

#### 60015CP

Polished 15mm thermostatic mixing valve with sterilisation

- Operating pressure range: 0.2 to 10 bar
- Thermal cartridge technology
- Temperature stability:  $\pm 2^{\circ}\text{C}$
- Failsafe on hot and cold supplies
- Suitable for use with unvented supplies, combi boilers, gravity and mains pressure systems
- Chrome plated



### INTAMIX WITH LEGIONELLA BYPASS

- Thermostatic mixing valve with integral by-pass for thermal disinfection of downstream pipe and fittings to prevent legionella.
- Time proven anti-scald fail safe technology built-in
- Quick fit connections for easy installation

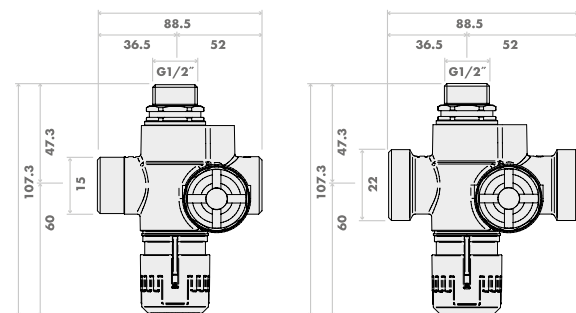
#### 42015LB

Intamix with legionella bypass 15mm

#### 42022LB

Intamix with legionella bypass 22mm

- Temperature stability:  $\pm 2^{\circ}\text{C}$
- Temperature adjustment range:  $30^{\circ}\text{C} - 50^{\circ}\text{C}$
- Max operating pressure: 10 bar static
- Max operating pressure: 5 bar dynamic
- Max inlet temperature:  $85^{\circ}\text{C}$
- Min temperature differential between hot inlet and mixed outlet to achieve cold water failsafe:  $10^{\circ}\text{C}$



E&OE

# inta's Guide to Thermostatic protection

For over a decade anti-scald valves have been a compulsory fitment to baths and showers in new bathrooms in the UK, under legislation designed to reduce the number of deaths and serious injuries caused by hot bath water. A large proportion of those injuries happen to young children and the elderly.

Anti-scald valves can save lives and prevent life-changing injuries and naturally, as professional industry specialists, installers should ensure that every installation they are involved with is compliant with regulations.



## inta's guide to Thermostatic Protection



'Up to 5 children are scalded in the UK everyday!'

(hsewaterburns.org)

Find out more by downloading our free booklet on thermostatic protection at:  
**intatec.co.uk**



Scan the code to view online



# inta

## Lever taps

### FREQUENTLY USED APPLICATIONS



### INTATHERM SAFE TOUCH

- Thermostatic control with anti-scald fail-safe technology
- Smooth sequential lever operated control to aid functional use for users with limited dexterity
- Safe touch body, surface remains cool to touch during operation
- Smooth internal water ways
- Self-draining spout
- DDA compliant
- Copper inlet connections

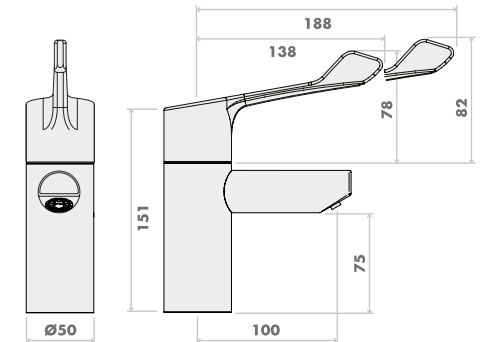
#### IT1005CP

Intatherm safe touch TMV3 thermostatic basin mixer tap with copper tails (TP6)

#### IT1006CP

Intatherm safe touch TMV3 thermostatic basin mixer tap with extended lever and copper tails (TP6)

- Max inlet temperature: 85°C
- Factory set temperature: 41°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



### INTATHERM SAFE TOUCH WITH DETACHABLE SPOUT

- Thermostatic control with anti-scald fail-safe technology
- Smooth sequential lever operated control to aid functional use for users with limited dexterity
- Safe touch body, surface remains cool to touch during operation
- Smooth internal water ways
- Self-draining spout
- DDA compliant
- Copper inlet connections
- Detachable spout

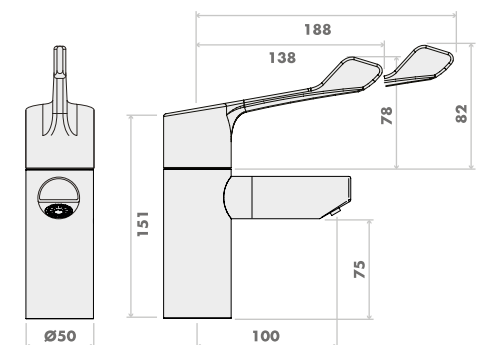
#### IT1005RS

Intatherm safe touch TMV3 thermostatic basin mixer tap with detachable spout and copper tails (TP6)

#### IT1006RS

Intatherm safe touch TMV3 thermostatic basin mixer tap with detachable spout, extended lever and copper tails (TP6)

- Max inlet temperature: 85°C
- Factory set temperature: 41°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1





#### LOW LEAD INTATHERM SAFE TOUCH

- Thermostatic control with anti-scald fail-safe technology
- Smooth sequential lever operated control to aid functional use for users with limited dexterity
- Safe touch body, surface remains cool to touch during operation
- Smooth internal water ways
- Self-draining spout
- DDA compliant
- Copper inlet connections
- Lead content  $\geq 0.2\%$

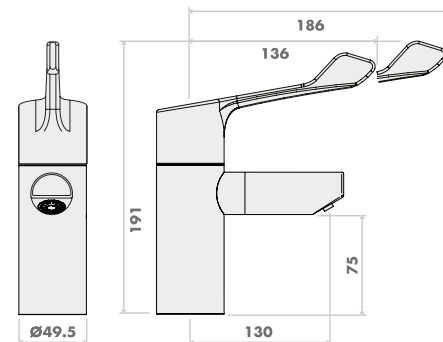
#### IT1005LF

Intatherm safe touch low lead TMV3 thermostatic basin mixer tap and copper tails

#### IT1006LF

Intatherm safe touch low lead TMV3 thermostatic basin mixer tap, extended lever and copper tails

- Max inlet temperature: 85°C
- Factory set temperature: 41°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



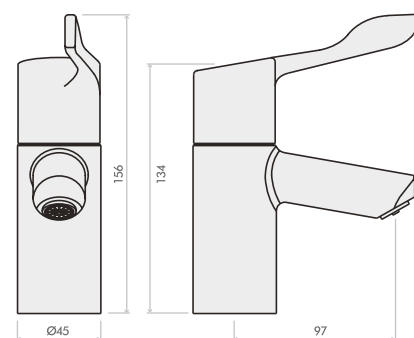
#### INTATHERM ECO

- Thermostatic control
- Smooth sequential lever operated control to aid functional use for users with limited dexterity
- Anti-scald fail-safe technology
- Copper inlet connections
- Self draining spout

#### IT1008CP

Intatherm eco thermostatic basin mixer tap with copper tails

- Max inlet temperature: 85°C
- Factory set temperature: 41°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 10°C
- Max pressure inlet differential: 5:1



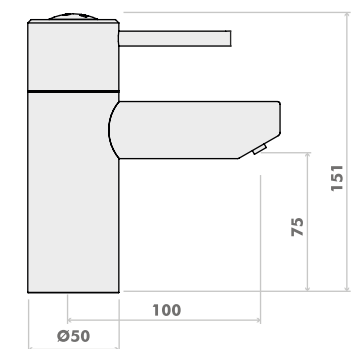
#### INTATHERM SAFE TOUCH SEQUENTIAL THERMOSTATIC BASIN MIXER

- Simple smooth operation
- Integral thermostatic mixing valve
- Safe touch body, surface remains cool to touch during operation
- Copper inlet connections
- Self draining spout

#### IT1007CP

intatherm safe touch Sequential thermostatic basin mixer

- Max inlet temperature: 85°C
- Factory set temperature: 43°C
- Temperature stability:  $\pm 2^\circ\text{C}$
- Max operating pressure: 10 bar static
- Min inlet pressure: 0.2 bar dynamic
- Min temperature differential to achieve failsafe: 43°C
- Max pressure inlet differential: 5:1



**ActivFlo**  
Only available from inta



Whole house protection!

- No electricity, chemicals, magnets, earth bonding or maintenance.
- Quality stainless steel housing.
- 15 year manufacturer's warranty.

**Taking charge of your limescale**





### HTM SAFE TOUCH THERMOSTATIC SEQUENTIAL WALL-MOUNTED TAP

- Lever operation with progressive thermostatic mixing
- Complete safe touch body
- Isolation valves, check valves and filters accessible without removing the panel or demounting the tap
- Smooth internal surfaces
- HTM04-01 compliant flow outlet and self-draining spout
- Built-in sterilisation method
- Complies with HTM64 (2006), HTM04-01, PRH8941.0.6, HBN00.09
- Removable spout for autoclaving (RS version)

#### HTMWMCP

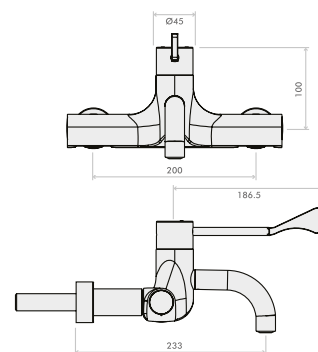
HTM (TBH 2a) safe touch thermostatic sequential wall-mounted tap

#### HTMWMRS

HTM (TBH 2a) safe touch thermostatic sequential wall-mounted tap with removable spout



- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 12 bar static
- Max inlet temperature: 85°C
- Inlet connections: G1/2" M BSP
- Replacement cartridge: HTMSP2XX



### HTM SAFE TOUCH THERMOSTATIC SEQUENTIAL MIXER TAP WITH BASIN-MOUNTING LEGS

- Lever operation with progressive thermostatic mixing
- Complete safe touch body
- Isolation valves, check valves and filters accessible without removing the panel or demounting the tap
- Smooth internal surfaces
- HTM04-01 compliant flow outlet and self-draining spout
- Built-in sterilisation method
- Complies with HTM64 (2006), HTM04-01, PRH8941.0.6, HBN00.09
- Removable spout for autoclaving (RS version)

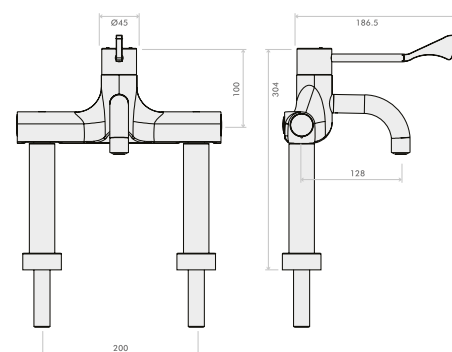
#### HTMDMCP

HTM safe touch thermostatic sequential deck-mounted tap

#### HTMDMRS

HTM safe touch thermostatic sequential deck-mounted tap with removable spout

- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 12 bar static
- Max inlet temperature: 85°C
- Inlet connections: G1/2" M BSP
- Replacement cartridge: HTMSP2XX



### HTM (TB H6) SAFE TOUCH INFRARED THERMOSTATIC WALL-MOUNTED TAP

- Infrared operation – wave on / off with 60 second pre-set flow time
- Complete safe touch body
- Isolation valves, check valves and filters accessible without removing or demounting the tap
- Smooth internal surfaces
- 24 hour automatic hygiene flush
- HTM04-01 compliant flow outlet and self-draining spout
- Built-in sterilisation method
- Complies with HTM64 (2006), HTM04-01, PRH8941.0.6, HBN00.09
- Removable spout version for autoclaving (RS version)

#### HTMWMBCP

HTM (TB H6) safe touch Infrared thermostatic wall-mounted tap (battery operated)

#### HTMWMMCP

HTM (TB H6) safe touch Infrared thermostatic wall-mounted tap (mains operated)

#### HTMWMBRS

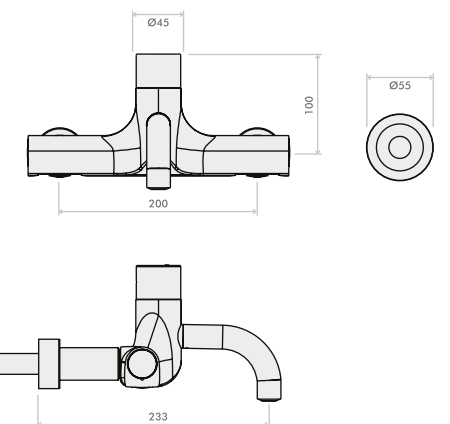
HTM (TB H6) safe touch Infrared thermostatic wall-mounted tap with removable spout (battery operated)

#### HTMWMMRS

HTM (TB H6) safe touch Infrared thermostatic wall-mounted tap with removable spout (mains operated)



- Min inlet pressure (dynamic): 1 bar
- Max inlet pressure (static): 10 bar
- Max inlet temperature: 85°C
- Replacement cartridge: HTMSP2



### FLUSHING KIT FOR HTM TAPS

#### HTMFLUSH

Flushing kit for HTM taps (pairs)



#### LEVER OPERATED BASIN MIXER TAP



- Smooth sequential lever operated control to aid functional use for users with limited dexterity
- Maximum temperature limiting stop

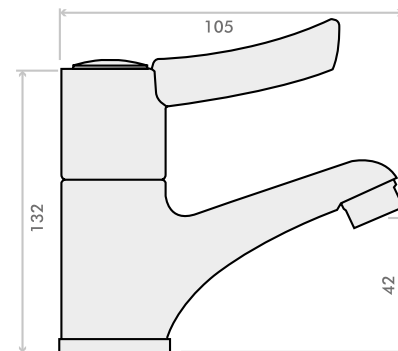
##### LO980CP

Lever operated basin mixer tap

##### LO980CT

Lever operated basin mixer tap with copper tails

- Min operating pressure:
- 0.2 bar
- Max operating pressure: 5 bar
- Preferred operating range: 2-5 bar
- Max basin thickness: 36mm
- Connections: G 1/2" flexible tails (LO980CP only)
- Connections: 10mm copper tails (LO980CT only)



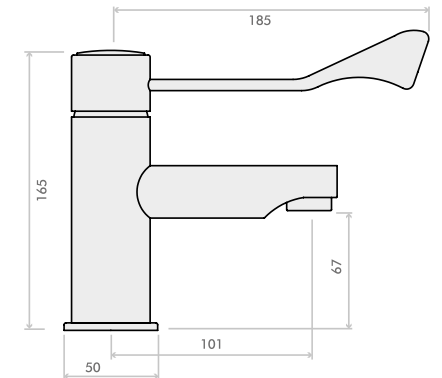
#### CONTEMPORARY LEVER OPERATED MIXER TAP

- Smooth sequential lever operated control
- Extended lever for users with limited dexterity or to avoid contact with hands

##### LO985CP

Contemporary sequential tap

- Min operating pressure: 0.5 bar
- Max operating pressure: 5 bar
- Max basin thickness: 45mm
- Connections: 10mm Ø copper tails



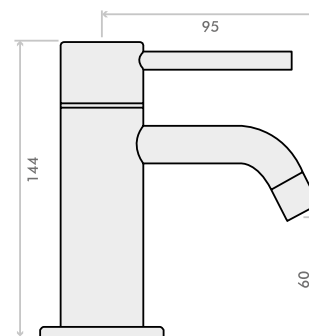
#### MINIMALISTIC LEVER TAP

- Smooth sequential lever operated control

##### LO990CP

Standard (75mm) lever minimalistic basin tap (single)

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max basin thickness: 26mm
- Connections: G 1/2" BSP



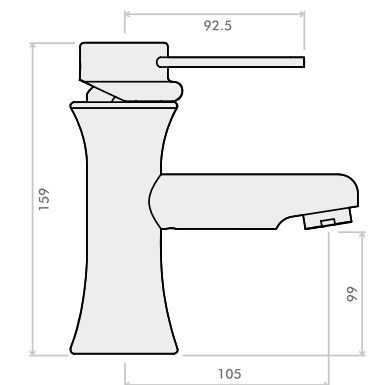
#### KINDERGARTEN TAP LEVER OPERATED

- Visually stimulating to encourage children's hand washing
- Lift up on/off control
- 50/50 click cartridge reduces water use by up to 50%
- Pre-set mixed water
- Infrared model available
- Intended for use with Intamix TMV

##### KTO1210

Kindergarten tap lever operated

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 5 bar static
- Max inlet temperature: 70°C





# inta

## Non-concussive

### FREQUENTLY USED APPLICATIONS



### NON-CONCUSSIVE BASIN-MOUNTED STANDARD TAP

- Timed flow control automatically closes the tap
- Intended for use with Intamix TMV

#### NC160CP

Non-concussive basin-mounted standard tap (pairs)

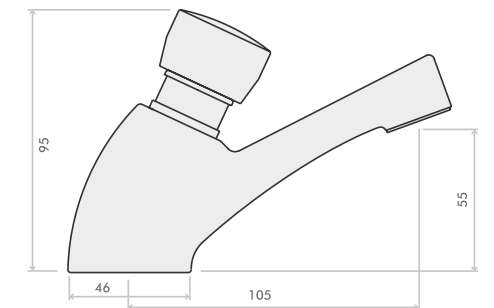
#### NC160CP(S)

Non-concussive basin-mounted standard tap (single)

#### NC160CP5

Non-concussive basin-mounted standard tap (pairs) 5 litre per min\*

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Timed flow at 1 bar: 15 seconds  $\pm$  3
- Max basin thickness: 26mm
- Connections: G 1/2" BSP
- Cartridge: NC300CP



### NON-CONCUSSIVE WALL-MOUNTED TAP (PAIRS)

- Timed flow control automatically closes the tap
- Intended for use with Intamix TMV

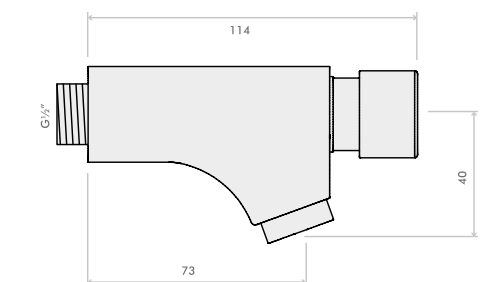
#### NC170CP

Non-concussive wall-mounted tap (pairs)

#### NC170CP5

Non-concussive wall-mounted tap (pairs) 5 litre per min\*

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Timed flow at 1 bar: 15 seconds  $\pm$  3
- Connections: G 1/2" BSP
- Cartridge: NC300CP





NON-CONCUSSIVE CONTEMPORARY
BASIN-MOUNTED TAPS

- Timed flow control automatically closes the tap
- Intended for use with Intamix TMV

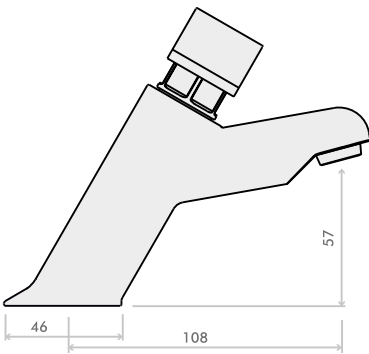
NC162CP
Non-concussive basin-mounted tap (pairs)

NC162CPS
Non-concussive basin-mounted tap (single)

NC162CP5
Non-concussive basin-mounted tap (pairs) - 5 litre per min\*

NC162CPS5
Non-concussive basin-mounted tap (single) - 5 litre per min\*

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Timed flow at 1 bar: 15 seconds ± 3
- Connections: G 1/2"
- Cartridge: TF008



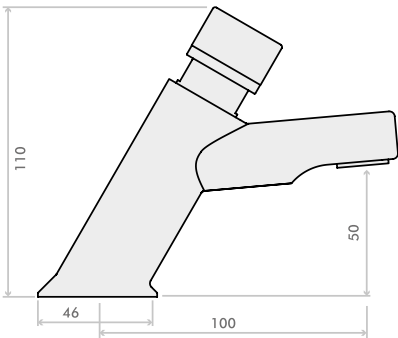
ADJUSTABLE FLOW TIME NON-CONCUSSIVE
ANTI-BLOCK BASIN-MOUNTED TAP

- Timed flow control automatically closes the tap
- Adjustable timed flow control between 3-30 seconds (NC177CP and NC177CP(S) only)
- Anti-block feature closes the tap should the control be forced on
- Intended for use with Intamix TMV

NC177CP
Adjustable flow time non-concussive basin-mounted tap with anti-block feature (pairs)

NC177CP(S)
Adjustable flow time non-concussive basin-mounted tap with anti-block feature (single)

- Adjustable flow time between 3 - 30 seconds
- Anti-block feature
- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 10 bar static
- Factory set timed flow at 1 bar: 15 seconds ± 3
- Max basin thickness: 26mm
- Connections: G 1/2"



NEW THERMOSTATIC TIMED
FLOW CONTROL COMBINES
INTA'S PROVEN ANTI-SCALD
THERMOSTATIC TECHNOLOGY,
WITH WATER SAVING TIMED
FLOW CONTROL

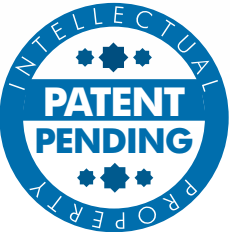


THERMOSTATIC TIMED FLOW NON-CONCUSSIVE BASIN
MOUNTED MIXER TAP WITH TEMPERATURE ADJUSTMENT

- Thermostatic control
- Anti-Scald failsafe technology
- Timed flow control automatically closes the tap
- Temperature adjustable

NC250CP
Thermostatic time flow non-concussive basin mounted mixer tap with temperature adjustment

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 5 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15 ± 5 seconds
- Factory set temperature: 41°C
- Min temperature differential (between mix outlet and hot inlet) to achieve failsafe: 10°C







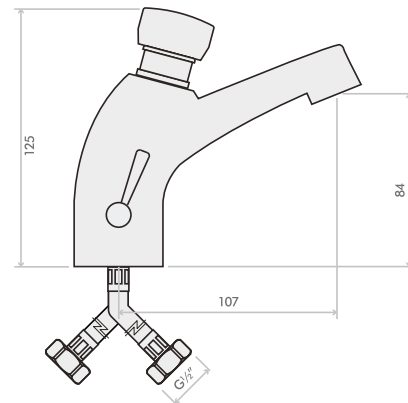
### NON-CONCUSSIVE BASIN-MOUNTED MIXER TAP WITH TEMPERATURE CONTROL

- Timed flow control automatically closes the tap
- Temperature adjustable
- Intended for use with Intamix TMV

#### NC180CP

Non-concussive basin-mounted mixer tap with temperature control

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 10 bar static
- Timed flow at 1 bar: 15 seconds  $\pm$  5
- Max basin thickness: 38mm
- Connections: G 1/2" flexible tails
- Cartridge: NC300CP



### NON CONCUSSIVE BASIN MOUNTED TAP

- Timed flow control automatically closes the tap
- Intended for use with Intamix TMV

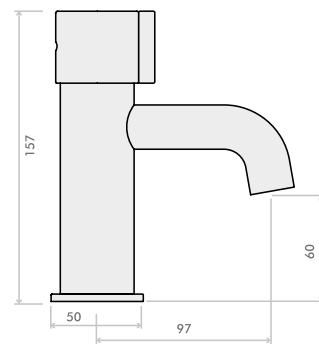
#### NC230CP

Non-concussive basin-mounted manual mixer tap\*

#### NC230CT

Non-concussive basin-mounted manual mixer tap with copper tails

- Max operating pressure: 6 bar
- Min operating pressure: 1 bar
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15  $\pm$  3 seconds



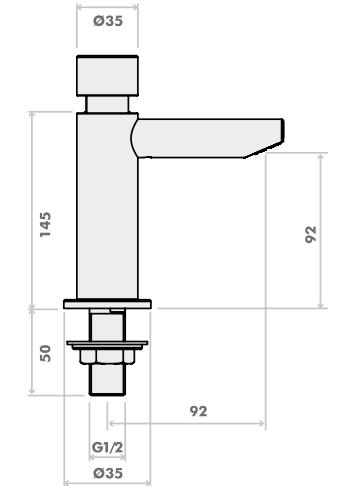
### NON CONCUSSIVE BASIN MOUNTED TAP

- Timed flow control automatically closes the tap
- Intended for use with Intamix TMV

#### NC235CP

Non concussive basin mounted monoblock tap

- Max operating pressure: 6 bar
- Min operating pressure: 1 bar
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15  $\pm$  3 seconds



### MULTI-DIRECTIONAL NON-CONCUSSIVE WALL-MOUNTED VANDAL-RESISTANT TAP

- Timed flow control automatically closes the tap
- Toggle lever for users with limited dexterity
- Intended for use with Intamix TMV

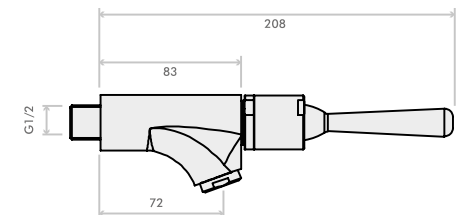
#### NC190CP

Multi-directional non-concussive wall-mounted tap

#### NC190CP5

Multi-directional non-concussive wall-mounted tap 5 litre per min\*

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Timed flow at 1 bar: 15 seconds  $\pm$  3
- Connections: G 1/2"
- Cartridge: ID0019





### MULTI-DIRECTIONAL NON-CONCUSSIVE BASIN-MOUNTED VANDAL-RESISTANT TAP

- Timed flow control automatically closes the tap
- Toggle lever for users with limited dexterity
- Intended for use with Intamix TMV

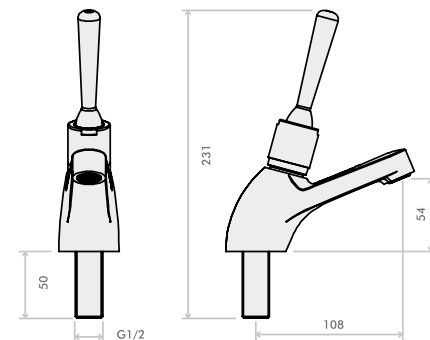
#### NC200CP.1

Multi-directional vandal-resistant basin-mounted tap (single)

#### NC200CP5.1

Multi-directional vandal-resistant basin-mounted tap (single) - 5 litre per min\*

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Timed flow at 1 bar: 15 seconds  $\pm$  3
- Max basin thickness: 26mm
- Connections: G 1/2"
- Cartridge: ID0019



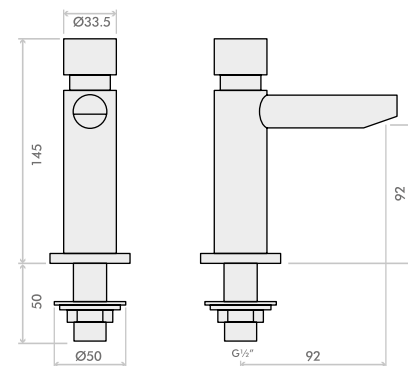
### STAINLESS STEEL NON-CONCUSSIVE BASIN-MOUNTED TAP

- Robust stainless steel construction - grade 316L
- Highly resistant to harsh chemical or cleaning agents
- Ideal for high use environments

#### NC112SS

Stainless steel non-concussive basin-mounted tap

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 6 bar static
- Timed flow at 3 bar: 15 seconds  $\pm$  3
- Connections: G 1/2"



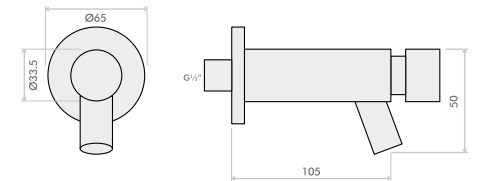
### STAINLESS STEEL NON CONCUSSIVE WALL-MOUNTED TAP

- Robust stainless steel construction - grade 316L
- Highly resistant to harsh chemical or cleaning agents
- Ideal for high use environments

#### NC113SS

Stainless steel non-concussive wall-mounted tap

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 6 bar static
- Timed flow at 3 bar: 15 seconds  $\pm$  3
- Connections: G 1/2"



### NON-CONCUSSIVE ACCESSORIES

- Extensions for wall-mounted taps

#### ID0061

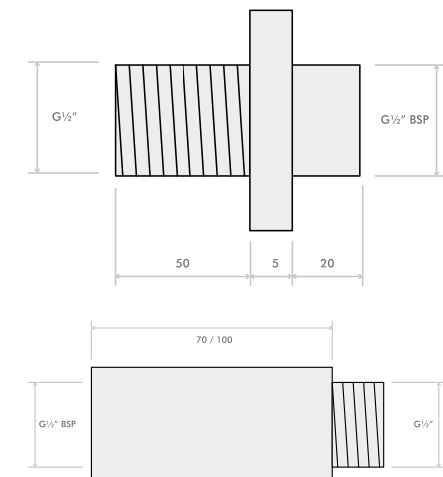
Bib tap wall connector

#### ID0062

Wall extension 1/2" M x 1/2" BSP 70mm

#### ID0063

Wall extension 1/2" M x 1/2" BSP 100mm







EXPOSED TIMED FLOW SHOWER CONTROL

- Timed flow control automatically closes the shower
- Intended for use with Intamix TMV

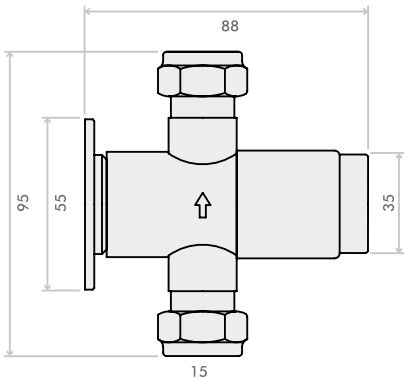
TF992CP

Timed flow shower control exposed (15 seconds)

TF99230CP

Timed flow shower control exposed (30 seconds)

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15/30 ± 3 seconds
- Inlet connections: 15mm compression
- Outlet connections: 15mm compression
- Cartridge TF006 (15 seconds)
- Cartridge TF0815530CP (30 seconds)



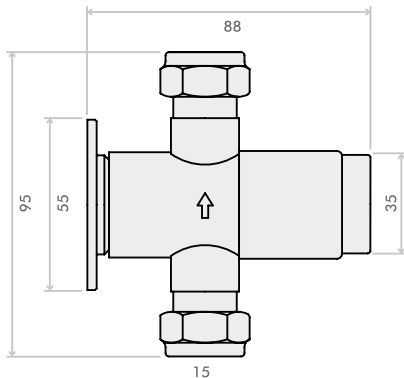
EXPOSED ADJUSTABLE TIMED FLOW  
ANTI-BLOCK SHOWER CONTROL

- Timed flow control automatically closes the shower
- Adjustable flow control between 3-30 seconds
- Anti-block feature closes the valve should the control be forced on
- Intended for use with Intamix TMV

TF177CP

Adjustable timed flow anti-block shower control

- Adjustable flow time between 3 - 30 seconds
- Anti-block feature
- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 10 bar static
- Factory set timed flow at 1 bar: 15 seconds ± 3
- Connections: 15mm compression



\* Includes 1 meter straight polished stainless steel pipe



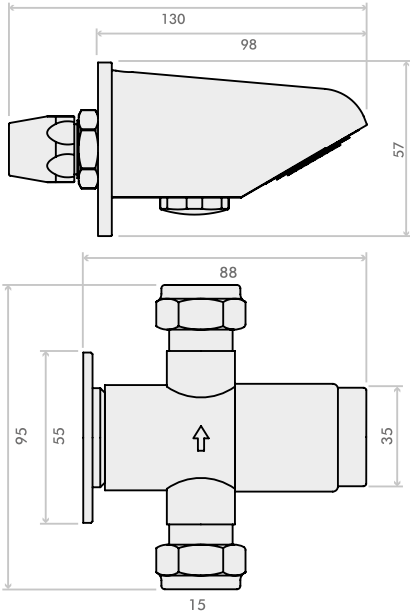
TIMED FLOW SHOWER EXPOSED  
WITH VR HEAD AND 1MTR RISER PIPE

- Timed flow control automatically closes the shower
- Intended for use with Intamix TMV
- Vandal-resistant design
- Bottom or back inlet connections

VR0001CP

Timed flow shower exposed with VR head and 1mtr riser pipe

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15/30 ± 3 seconds
- Inlet connections: 15mm compression
- Outlet connections: 15mm compression
- Cartridge TF006 (15 seconds)
- Cartridge TF0815530CP (30 seconds)
- For thermostatic protection use Intamix TMV 40015CP and for thermal re-circulation control use Inta thermal balancing valve 60040CP



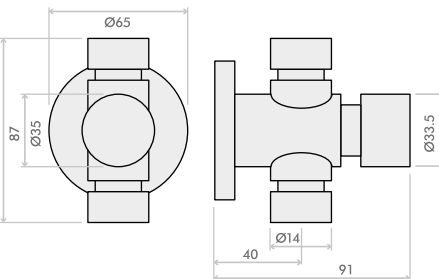
STAINLESS STEEL EXPOSED TIMED FLOW  
SHOWER CONTROL

- Robust stainless steel construction - grade 316L
- Highly resistant to harsh chemical or cleaning agents
- Ideal for high use environments

TF111SS

Stainless steel exposed timed flow shower control

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 6 bar static
- Timed flow at 3 bar: 15 seconds ± 3
- Connections: 15mm compression



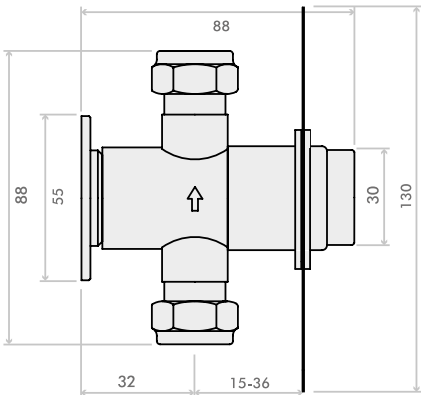
CONCEALED TIMED FLOW SHOWER CONTROL

- Timed flow control automatically closes the shower
- Intended for use with Intamix TMV

**TF997CP**  
Timed flow shower control concealed (15 seconds)

**TF99730CP**  
Timed flow shower control concealed (30 seconds)

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15/30 ± 3 seconds
- Inlet connections: 15mm compression
- Outlet connections: 15mm compression
- Cartridge TF006 (15 seconds)
- Cartridge TF0815530CP (30 seconds)

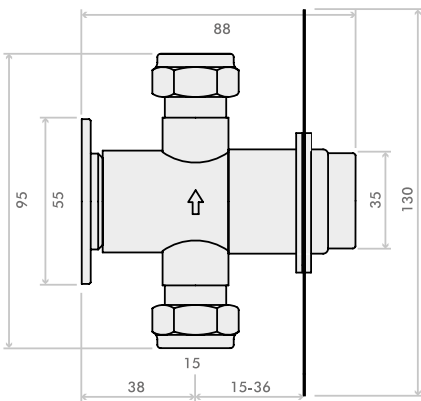


CONCEALED ADJUSTABLE TIMED FLOW  
ANTI-BLOCK SHOWER CONTROL

- Timed flow control automatically closes the shower
- Adjustable timed flow control between 3-30 seconds
- Anti-block feature closes the valve should the control be forced on
- Intended for use with Intamix TMV

**TF178CP**  
Adjustable timed flow anti-block shower control

- Adjustable flow time between 3 - 30 seconds
- Anti-block feature
- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 10 bar static
- Factory set timed flow at 1 bar: 15 seconds ± 3
- Connections: 15mm compression



TIMED FLOW VANDAL-RESISTANT SHOWER CONTROL  
FOR PRISONS, WITH EXTENDED SPINDLE

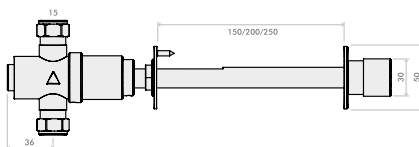
- Timed flow control automatically closes the shower
- Cross-wall design in three length options with vandal-resistant construction
- Intended for use with Intamix TMV

**TF222CP150**  
Timed flow vandal-resistant shower control for prisons with 150mm spindle

**TF222CP200**  
Timed flow vandal-resistant shower control for prisons with 200mm spindle

**TF222CP250**  
Timed flow vandal-resistant shower control for prisons with 250mm spindle

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15 ± 3 seconds
- Inlet connections: 15mm compression
- Outlet connections: 15mm compression

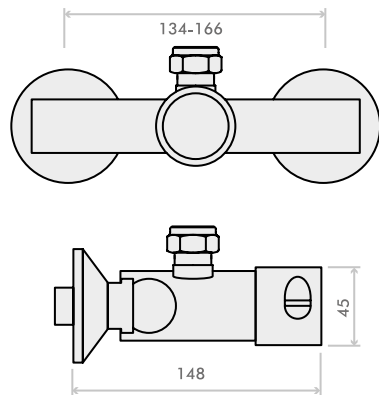


EXPOSED TIMED FLOW SHOWER CONTROL  
WITH TEMPERATURE ADJUSTMENT

- Timed flow control automatically closes the shower
- Temperature adjustable
- Intended for use with Intamix TMV

**NC140CP**  
Timed flow exposed shower control with temperature adjustment

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 5 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15 ± 3 seconds
- Inlet connections: G 3/4" F
- Outlet connections: 15mm compression
- Cartridge ID8112







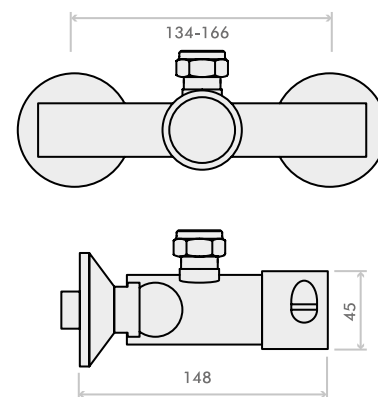
**EXPOSED THERMOSTATIC TIME FLOW NON-CONCUSSIVE MIXER SHOWER WITH TEMPERATURE ADJUSTMENT**

- Timed flow control automatically closes the shower
- Temperature adjustable

**NC252CP**

Exposed thermostatic timed flow non-concussive mixer shower with temperature adjustment

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 5 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15 ± 5 seconds
- Factory set temperature: 41°C
- Min temperature differential (between mix outlet and hot inlet) to achieve failsafe: 10°C



COMMERCIAL EDUCATION LEISURE



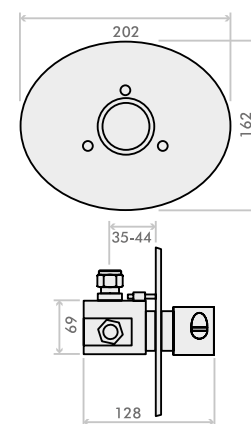
**CONCEALED TIMED FLOW SHOWER CONTROL WITH TEMPERATURE ADJUSTMENT**

- Timed flow control automatically closes the shower
- Temperature adjustable
- Intended for use with Intamix TMV

**NC145CP**

Timed flow concealed shower control with temperature adjustment

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 5 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15 ± 3 seconds
- Inlet connections: G 1/2" F
- Outlet connections: 15mm compression
- Cartridge ID8112



COMMERCIAL EDUCATION LEISURE



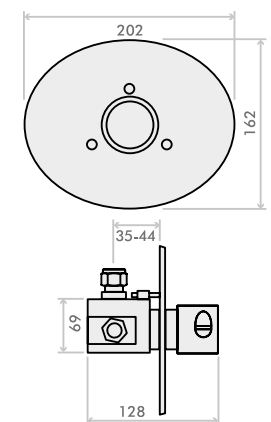
**CONCEALED THERMOSTATIC TIME FLOW NON-CONCUSSIVE MIXER SHOWER WITH TEMPERATURE ADJUSTMENT**

- Timed flow control automatically closes the shower
- Temperature adjustable

**NC253CP**

Concealed thermostatic timed flow non-concussive mixer shower with temperature adjustment

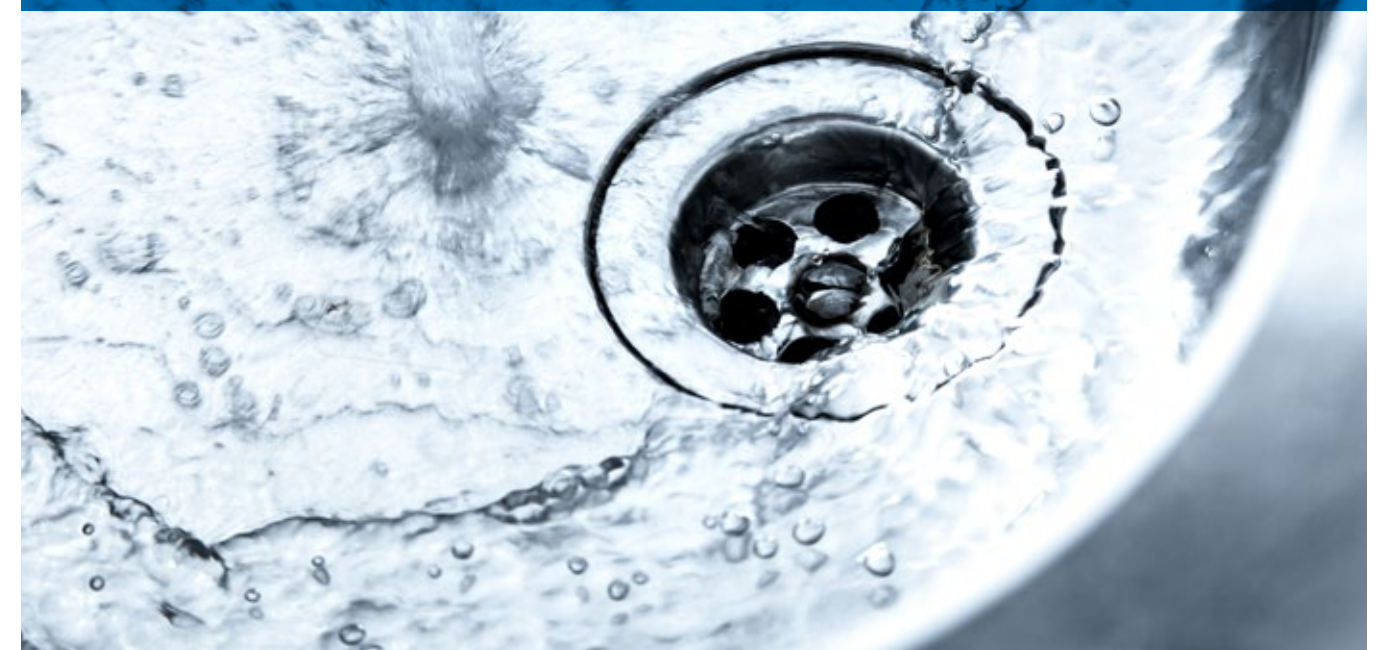
- Min operating pressure: 1 bar dynamic
- Max operating pressure: 5 bar static
- Max inlet temperature: 65°C
- Timed flow at 1 bar: 15 ± 5 seconds
- Factory set temperature: 41°C
- Min temperature differential (between mix outlet and hot inlet) to achieve failsafe: 10°C



COMMERCIAL EDUCATION LEISURE

**WATER SAVING?  
NEED TO LIMIT WATER FLOW?**

See page 71 - 73 for solutions that can be used with the Inta timed flow range.  
Or contact Technical support on 01889 272 199 or email [technical@intatec.co.uk](mailto:technical@intatec.co.uk)



# inta

## *Infrared products*

*View our extensive range of infrared products allowing users total control in touch free environments where hygiene and water economy is paramount - our extensive range of products features the following:*

- Basin mounted taps
- Wall-mounted taps
- Urinal control valves
- Concealed cistern packs
  - Shower controls
  - Soap dispensers



# inta

## Infrared products

### FREQUENTLY USED APPLICATIONS



HEALTHCARE COMMERCIAL EDUCATION LEISURE



HEALTHCARE COMMERCIAL EDUCATION LEISURE

## 2.07

## Infrared products

### INFRARED CONTEMPORARY BASIN-MOUNTED TAP

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Hygiene flush every 24 hours without operation
- Copper inlet connection
- Intended for use with Intamix TMV

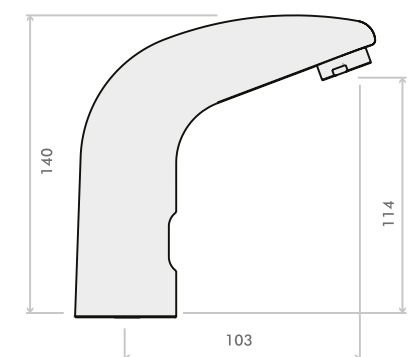
#### IR120CP.1

Infrared contemporary basin-mounted tap (battery operated)

#### IR121CP.1

Infrared contemporary basin-mounted tap (mains operated)

- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Max basin thickness: 26mm
- Connections: copper tail 10mm
- 24 Hour hygiene flush



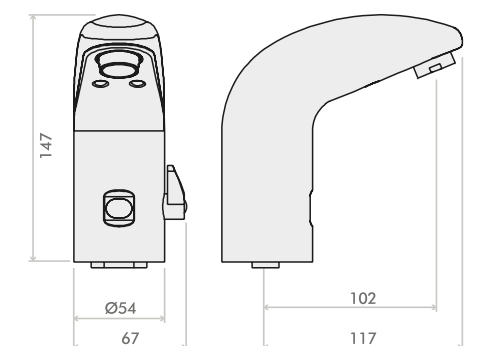
### INFRARED MINIMALISTIC TEMPERATURE ADJUSTABLE BASIN MOUNTED TAP (BATTERY OPERATED)

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Temperature adjustable
- Hygiene flush every 24 hours without operation
- Copper inlet connections
- Intended for use with Intamix TMV

#### IR180CP

Infrared minimalist temperature adjustable basin mounted tap (battery operated)

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 65°C
- Max basin thickness: 26mm
- Connections: G 1/2"
- 24 Hour hygiene flush



HEALTHCARE COMMERCIAL EDUCATION LEISURE



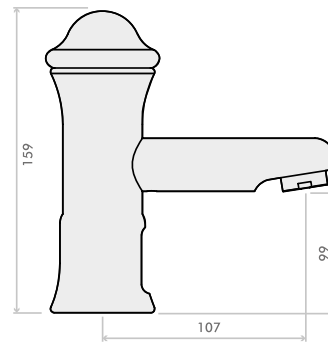
### KINDERGARTEN TAP

- Visually stimulating to encourage children's hand washing
- Pre-set mixed water
- Intended for use with Intamix TMV

#### KT01250

Kindergarten tap infrared

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 5 bar static
- Max inlet temperature: 65°C



### INCLINED INFRARED BASIN MOUNTED TAP

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Hygiene flush every 24 hours without operation
- Intended for use with Intamix TMV

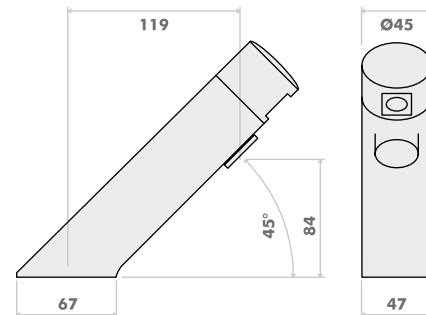
#### IR500CP

Infrared deck mounted tap (battery operated)

#### IR501CP

Infrared deck mounted tap (mains operated)

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 65°C
- Max basin thickness: 26mm
- Connections: G 1/2"
- 24 Hour hygiene flush



### TUBULAR INFRARED WALL-MOUNTED TAP

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Intended for use with Intamix TMV

#### IR270CP

Infrared tubular tap 170mm length (battery operated)

#### IR271CP

Infrared tubular tap 170mm length (mains operated)

#### IR278CP

Infrared tubular tap 220mm length (battery operated)

#### IR279CP

Infrared tubular tap 220mm length (mains operated)



### TUBULAR INFRARED WALL-MOUNTED MIXER TAP

#### IR272CP

Infrared tubular mixing tap 170mm length (battery operated)

#### IR273CP

Infrared tubular mixing tap 170mm length (mains operated)

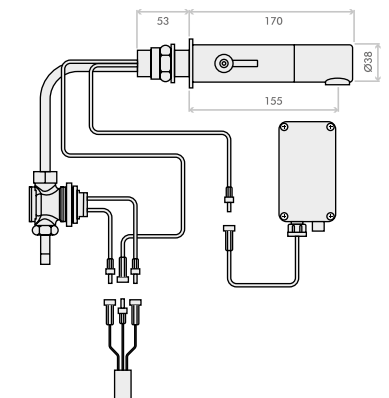
#### IR274CP

Infrared tubular mixing tap 220mm length (battery operated)

#### IR275CP

Infrared tubular mixing tap 220mm length (mains operated)

- Min operating pressure: 1 bar
- Max operating pressure: 5 bar static
- Max inlet temperature: 65°C
- Min height above basin: 300mm







### INCLINED INFRARED THERMOSTATIC BASIN TAP WITH SPOUT AND THERMAL BY-PASS

- Infrared touch-free operation
- Available with either temperature control handle or tamper proof fixed temperature
- Built in thermal by-pass for disinfection
- Battery or mains operated versions
- Copper inlet connections
- Auto self closing tap, preventing water wastage

#### IR291CP

Infrared thermostatic basin tap with adjustable temperature and thermal by-pass (battery operated)

#### IR292CP

Infrared thermostatic basin tap and thermal by-pass (battery operated)

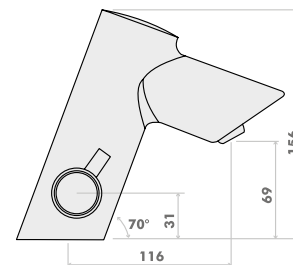
#### IR293CP

Infrared thermostatic basin tap with adjustable temperature and thermal by-pass (mains operated)

#### IR294CP

Infrared thermostatic basin tap and thermal by-pass (battery operated)

- Max inlet pressure static: 5 bar
- Min inlet pressure dynamic: 0.2 bar
- Max inlet temperature: 80°C



HEALTHCARE COMMERCIAL EDUCATION LEISURE

### INCLINED INFRARED THERMOSTATIC BASIN TAP WITH SPOUT

- Infrared touch-free operation
- Available with either temperature control handle or tamper proof fixed temperature
- Battery or mains operated versions
- Copper inlet connections
- Auto self closing tap, preventing water wastage

#### IR295CP

Infrared thermostatic basin tap with adjustable temperature (battery operated)

#### IR296CP

Infrared thermostatic basin tap with (battery operated)

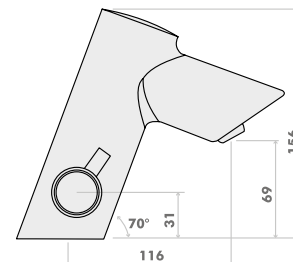
#### IR297CP

Infrared thermostatic basin tap with adjustable temperature (mains operated)

#### IR298CP

Infrared thermostatic basin tap with (battery operated)

- Max inlet pressure static: 5 bar
- Min inlet pressure dynamic: 0.2 bar
- Max inlet temperature: 80°C



HEALTHCARE COMMERCIAL EDUCATION LEISURE



### INFRARED MODERN BASIN-MOUNTED TAP

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Programmable timed flow between 1 - 60 seconds
- Intended for use with Intamix TMV

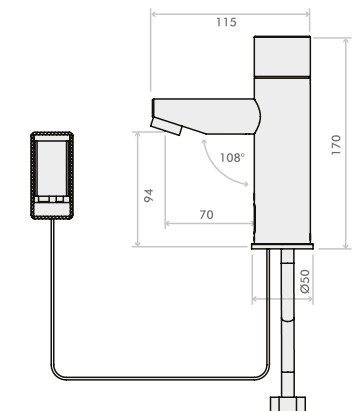
#### IR411CP

Infrared modern basin-mounted tap (battery operated)

#### IR412CP

Infrared modern basin-mounted tap (mains operated)

- Max inlet pressure static: 5 bar
- Min inlet pressure dynamic: 1 bar
- Max inlet temperature: 65°C



HEALTHCARE COMMERCIAL EDUCATION LEISURE



### INFRARED MODERN BASIN MOUNTED SOAP DISPENSER

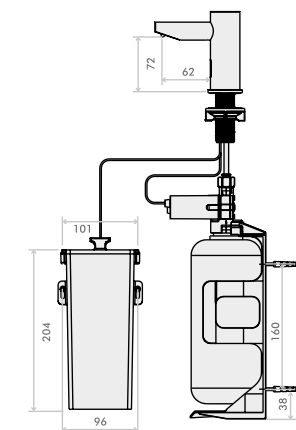
- Infrared touch-free operation
- Delivers 1.4cc of soap per operation
- Soap viscosity: 100 - 3800 cPs

#### IR401CP

Infrared modern deck-mounted soap dispenser (battery operated)

#### IR402CP

Infrared modern deck-mounted soap dispenser (mains operated)



HEALTHCARE COMMERCIAL EDUCATION LEISURE



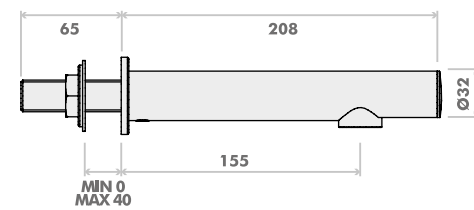
### INFRARED WALL-MOUNTED MIXER BATTERY OPERATED

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Hygiene flush every 24 hours without operation
- Copper inlet connection
- Intended for use with Intamix TMV

#### IR2582CP

Infrared wall-mounted mixer battery operated

- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Max basin thickness: 26mm
- Connections: G 1/2" flexi tails
- 24 Hour hygiene flush
- Automatic shut off after 60 seconds of continual use
- Aerator 6 l/m



HEALTHCARE COMMERCIAL EDUCATION LEISURE



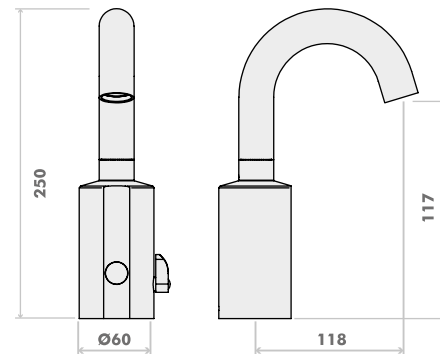
### INFRARED BASIN MIXER BATTERY OPERATED

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Hygiene flush every 24 hours without operation
- Intended for use with Intamix TMV

#### IR2504CP

Infrared basin mixer battery operated

- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Max basin thickness: 26mm
- Connections: G 1/2" flexi tails
- 24 Hour hygiene flush
- Automatic shut off after 60 seconds of continual use
- Connections: flexible hose
- Aerator 6 l/m
- Low battery LED indicator



HEALTHCARE COMMERCIAL EDUCATION LEISURE



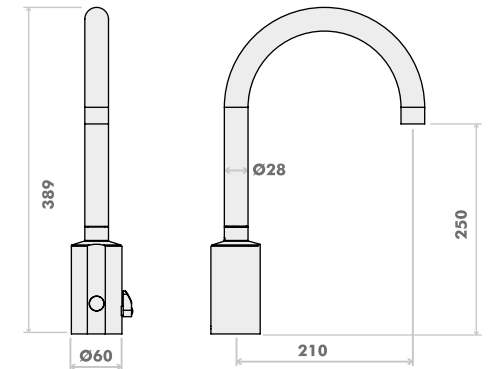
### INFRARED BASIN MIXER FIXED SPOUT BATTERY OPERATED

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Hygiene flush every 24 hours without operation
- Intended for use with Intamix TMV

#### IR2505CP

Infrared basin mixer fixed spout battery operated

- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Max basin thickness: 26mm
- Connections: G 1/2" flexi tails
- 24 Hour hygiene flush
- Automatic shut off after 60 seconds of continual use



HEALTHCARE COMMERCIAL EDUCATION LEISURE



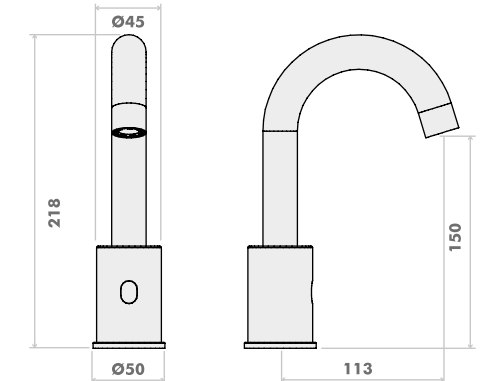
### INFRARED BASIN CURVE SERIES BATTERY OPERATED

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Hygiene flush every 24 hours without operation
- Intended for use with Intamix TMV

#### IR2503CP

Infrared basin curve series battery operated

- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Max basin thickness: 26mm
- Connections: G 1/2" flexi tails
- 24 Hour hygiene flush
- Automatic shut off after 60 seconds of continual use
- Aerator 6 l/m



HEALTHCARE COMMERCIAL EDUCATION LEISURE





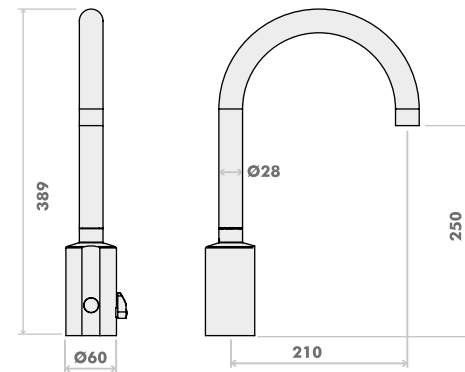
#### INFRARED BASIN MIXER SWINGING SPOUT BATTERY OPERATED

- Infrared touch-free operation
- Timed flow control automatically closes the tap
- Hygiene flush every 24 hours without operation
- Intended for use with Intamix TMV

##### IR2506CP

Infrared basin mixer swinging spout battery operated

- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Max basin thickness: 26mm
- Connections: G 1/2" flexi tails
- 24 Hour hygiene flush
- Automatic shut off after 60 seconds of continual use
- Aerator 6 l/m



#### PERFECT TIME ELECTRONIC TAP

- Touch operation
- Timed flow control automatically closes the tap
- Programmable timed flow between 1-60 seconds
- Intended for use with Intamix TMV

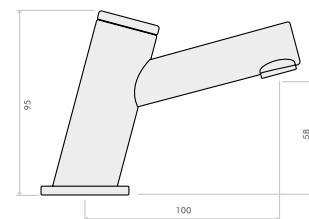
##### IR162CP

Perfect time electronic touch tap (battery operated)

##### IR163CP

Perfect time electronic touch tap (mains operated)

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 8 bar static
- Factory set flow time: 8 seconds
- Flow time adjustment range: 1 - 60 seconds
- Max inlet temperature: 70°C
- Max basin thickness: 26mm
- Connections: G 1/2" BSP / 10mm
- Wall-mounted min height above basin: 300mm



#### PERFECT TIME WALL-MOUNTED ELECTRONIC TAP

- Touch operation
- Timed flow control automatically closes the tap
- Programmable timed flow between 1-60 seconds
- Intended for use with Intamix TMV

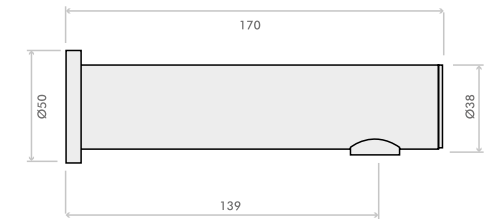
##### IR253CP

Perfect time wall-mounted electronic tubular touch tap (battery operated)

##### IR254CP

Perfect time wall-mounted electronic tubular touch tap (mains operated)

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 8 bar static
- Factory set flow time: 8 seconds
- Flow time adjustment range: 1 - 60 seconds
- Max inlet temperature: 70°C
- Max basin thickness: 26mm
- Connections: G 1/2" BSP / 10mm
- Wall-mounted min height above basin: 300mm



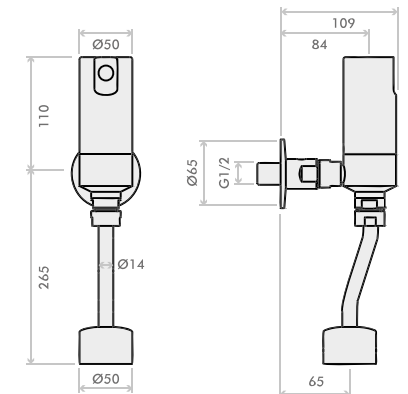
#### EXPOSED INFRARED URINAL CONTROL

- Infrared touch-free operation
- Prevents waste water when urinal is not in use
- 5 second flow time

##### IR2520CP

Exposed infrared urinal control

- Min operating pressure (dynamic): 1 bar
- Max operating pressure (static): 8 bar
- Operates after presence is detected for over 10 seconds
- Battery operated





#### INFRARED WC FLUSH CONCEALED CISTERN, FLUSH VALVE, INLET AND INFRARED SENSOR

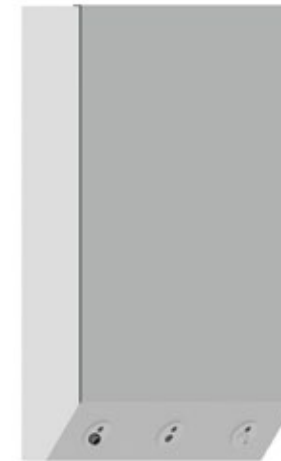
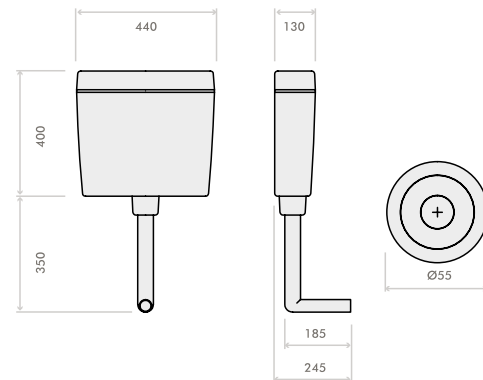
- Infrared touch-free operation
- 6 litre flush

##### IR2568

Infrared WC 6 litre flush (battery operated)

##### IR2569

Infrared WC 6 litre flush (mains operated)



#### COMPACT MIRROR WITH SOAP WATER AIR DISPENSER

- Infrared touch-free operation
- Timed flow control automatically closes the tap after 60 seconds of continuous use
- Hygiene flush every 24 hours without operation
- Solid surface construction

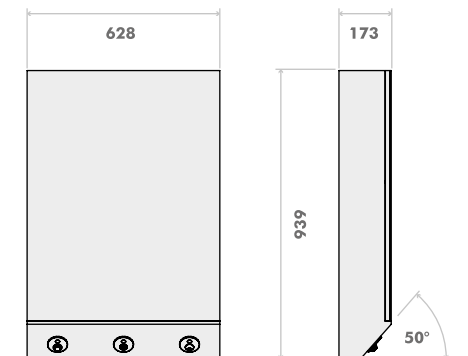
##### ID10575CP

Compact mirror with soap water air dispenser

- Flow rate: 6 l/m (flow regulator)
- Operating pressure: 1 - 8 bar
- Operating temperature: 5 - 70°C
- 230V mains powered

- Soap dispense time: 3 seconds
- Soap tank capacity: 2 Litres

- Electronic wall-mounted hand dryer
- Mains transformer 230V - 6V
- Flexible tube for air connection



- For more information, please refer to our data sheet



#### INFRARED SOAP DISPENSER

- Infrared touch-free operation
- Each operation delivers one drop of soap or hand sanitiser (1ml)
- Infrared sensor with presence detection function
- Tank capacity 600ml
- Easy refill tank

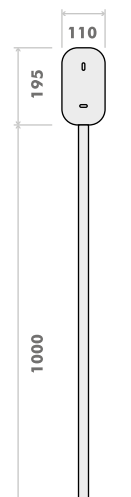
##### IR420WH

Infrared touch free soap dispenser (battery operated)

##### FS0001CP

Dispenser floor stand for IR420WH

- Battery (6v): 4 x 1.5v (alkaline)
- Soap: suitable for any liquid soap or hand sanitiser
- Liquid Capacity: 600ml
- Supply: 1ml/supply



**inta**  
**TRADE-TEC**

TO VIEW OR DOWNLOAD OUR  
COMBINED SHOWERING AND  
PLUMBING & HEATING RANGE,  
SCAN THE QR CODE OR VISIT  
**INTATEC.CO.UK**



# inta

## Shower panels

### FREQUENTLY USED APPLICATIONS



## 2.08 Shower panels

### INTA I-SPORT SHOWER PANEL WITH PUSH BUTTON TIMED FLOW CONTROL AND ADJUSTABLE SHOWER HEAD

- Timed flow control automatically closes the water
- Directional control of the shower head
- Limescale is easily removed with the rub clean shower head
- Compact lightweight design, with optional 8 litre per minute flow regulator included
- Intended for use with the Intamix TMV

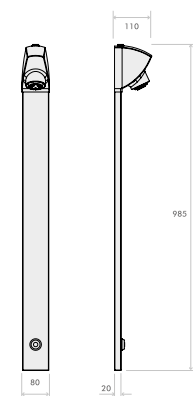
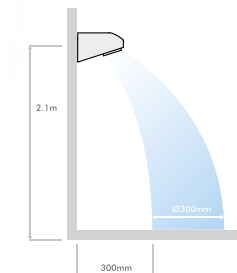
#### SP9206CP

Inta i-Sport shower panel with push button timed flow control and adjustable shower head top inlet

#### SP9207CP

Inta i-Sport shower panel with push button timed flow control and adjustable shower head back inlet

- Timed flow at 3 bar: 30 seconds  $\pm$  5
- Min operating pressure: 1.0 bar dynamic
- Max operating pressure: 5 bar
- Directional control head



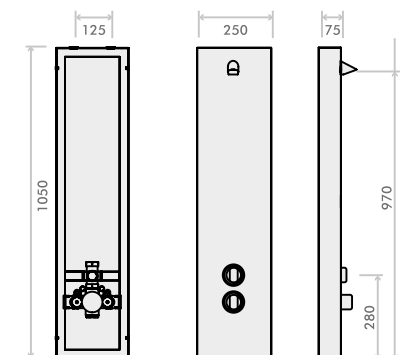
### STAINLESS STEEL SHOWER PANEL WITH ADJUSTABLE TEMPERATURE, TIMED FLOW CONTROL AND VANDAL- RESISTANT SHOWER HEAD

- Timed flow control automatically closes the water
- Thermostatic temperature control
- Stainless steel panel

#### SP9210CP

Shower panel stainless steel with thermostatic temperature control, timed flow control and vandal-resistant shower head

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 10 bar static
- Min temperature differential to achieve failsafe: 15°C
- Max inlet temperature: 65°C
- Factory pre-set temperature: 38°C
- Max pressure inlet differential: 5:1
- Temperature stability:  $\pm 2^\circ\text{C}$
- Inlet connections: 15mm compression





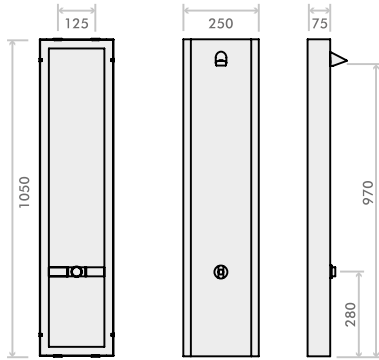
STAINLESS STEEL SHOWER PANEL WITH INFRARED CONTROL AND VANDAL-RESISTANT SHOWER HEAD

- Infrared operation
- Timed flow control automatically closes the water
- Stainless steel panel
- Intended for use with Intamix TMV

SP9203CP

Shower panel stainless steel with infrared control and vandal-resistant shower head (battery operated)

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Inlet connections: G 1/2"



STAINLESS STEEL SHOWER PANEL WITH TIMED FLOW CONTROL AND TMV3 MIXING VALVE

- Timed flow control automatically closes the water
- Includes Intamix thermostatic mixing valve (SP9200CP Only)
- Stainless steel panel
- Intended for use with Intamix TMV

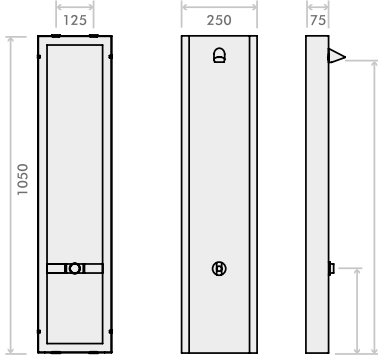
SP9200CP

Shower panel stainless steel with timed flow control and TMV3 mixing valve

SP9202CP

Shower panel stainless steel with single entry timed flow control and vandal-resistant head

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 10 bar static
- Min temperature differential to achieve failsafe: 15°C
- Max inlet temperature: 65°C



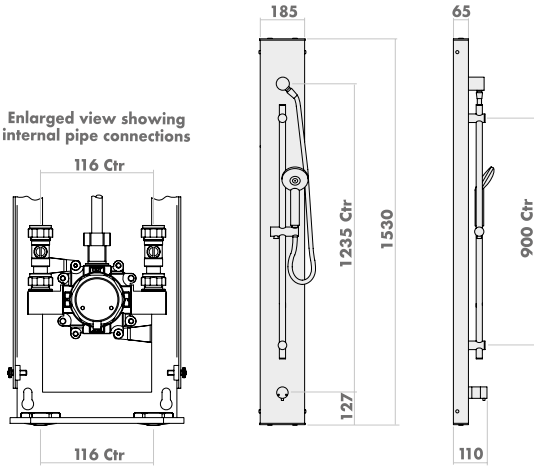
WALL-MOUNTED THERMOSTATIC SHOWER PANEL IN STAINLESS STEEL WITH RISER RAIL, HANDSET AND HOSE IN CHROME FINISH

- Temperature adjustable
- Stainless Steel Panel
- Thermostatic control
- Anti-scald failsafe

SP9301CP

Wall-mounted thermostatic shower panel

- Maximum pressure: 6 bar
- Minimum pressure: 1 bar
- Hot water inlet temperature: 50 to 90°C  
Recommended: 55 to 60°C
- Cold water inlet temperature: 5 to 20°C
- Minimum temperature differential: 10°C
- Outlet water temperature range: 18 to 46°C
- Setting tolerance: ±2°C
- Factory temperature setting: 41 ±1°C
- Flow rate with flow regulator: 7 l/min



SHOWER TOWER STAINLESS WITH SELF CLOSING TAP

- Timed flow control automatically closes the shower
- Intended for use with Intamix TMV

SP9220CP

Shower tower stainless with self closing tap

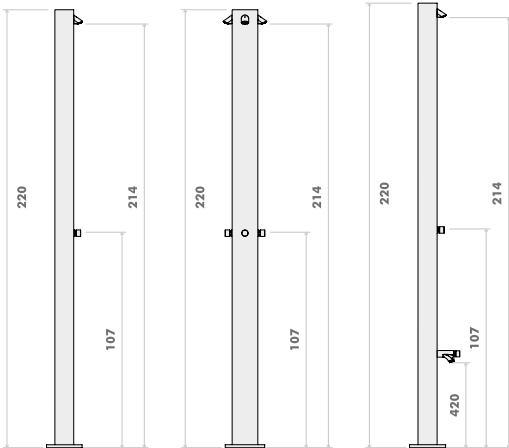
SP9224CP

Shower tower stainless with self closing tap and head x 4

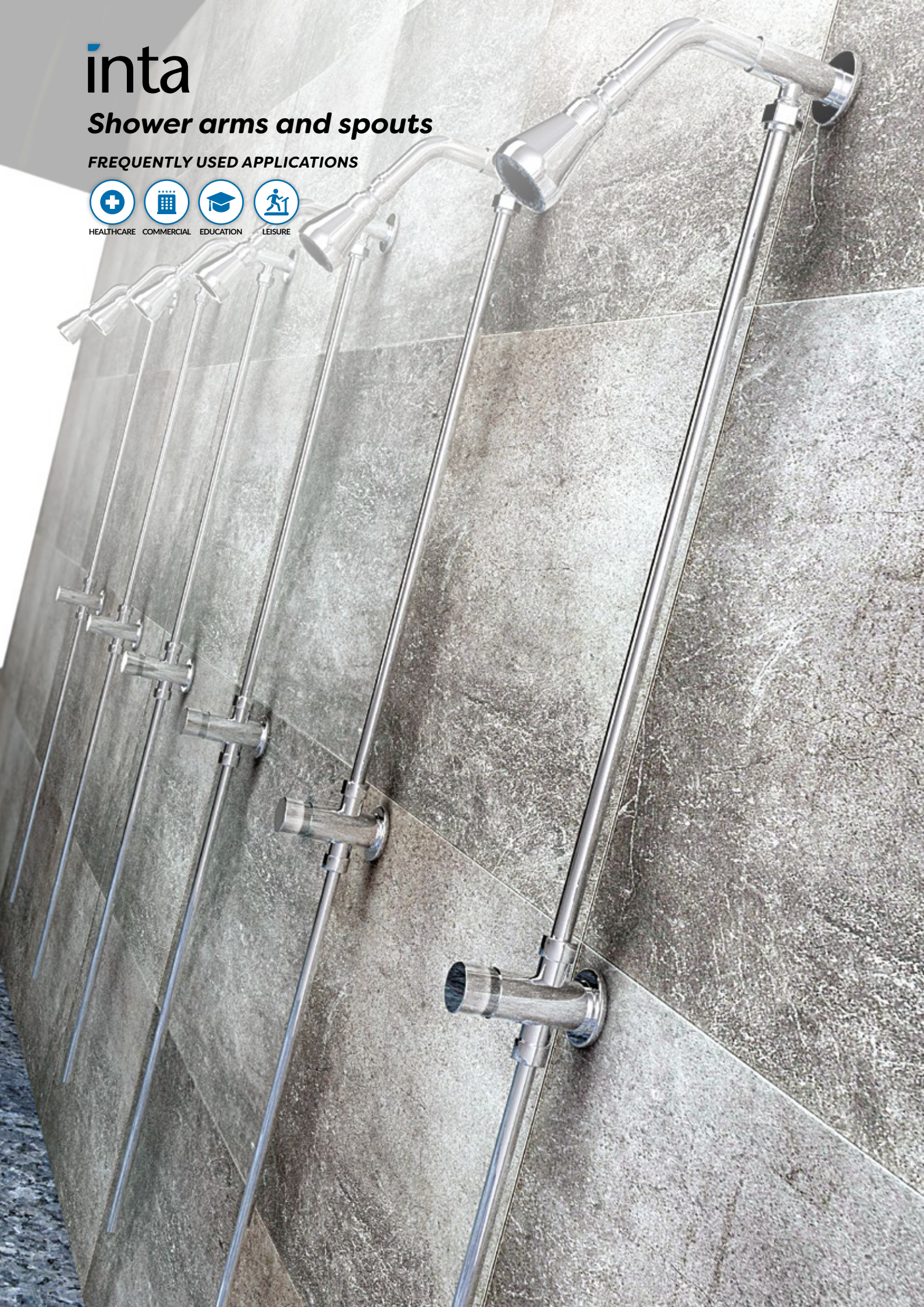
SP9225CP

Shower tower stainless foot and shower with self closing tap

- Min operating pressure: 1 bar dynamic
- Max operating pressure: 6 bar static
- Max inlet temperature: 65°C
- Min inlet temperature: 5°C
- Timed flow at 3 bar: 15 ± 3 seconds
- Inlet connections: G 1/2"
- Panel body A1S316
- Must not be subject to freezing conditions







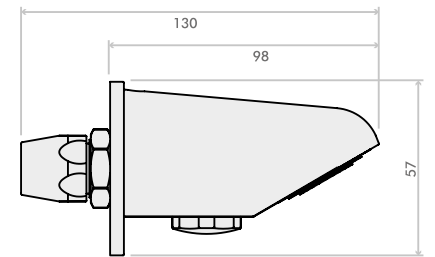
**VANDAL-RESISTANT STANDARD SHOWER HEAD  
WITH BACK OR BOTTOM CONNECTION**

- Vandal-resistant design
- Bottom or back inlet connections
- Intended for use with Inta timed flow controls and Intamix TMV

**VR991CP**

Vandal-resistant standard shower head

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Inlet connections: 15mm compression



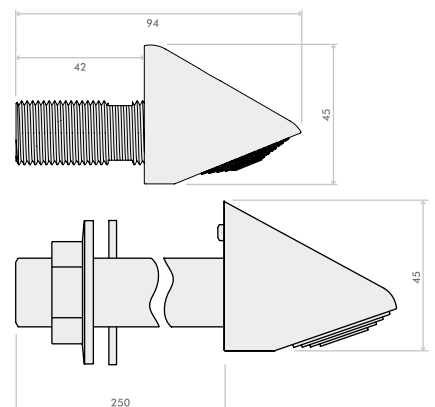
**VANDAL-RESISTANT MINI SHOWER HEAD**

- Vandal-resistant design
- Panel or cross-wall inlet connections
- Intended for use with Inta timed flow controls and Intamix TMV

**VR992CP**

Vandal-resistant mini shower head

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Mini shower head inlet connections: G 1/2" BSP
- Crosswall mini shower head inlet connections: G 1/2" m







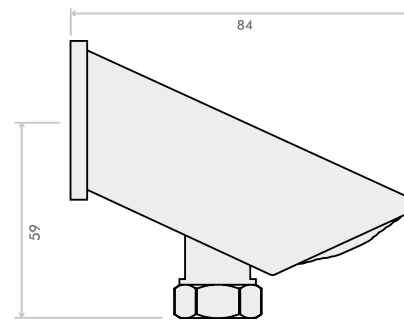
### VANDAL-RESISTANT COMPACT SHOWER HEAD

- Vandal-resistant design
- Back or bottom inlet connection
- Intended for use with Inta timed flow controls and Intamix TMV

#### VR994CP

Vandal-resistant compact shower head with concealed or exposed connection

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Inlet connections: 15mm compression



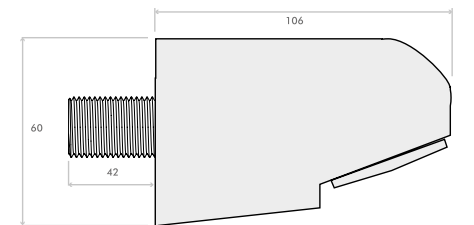
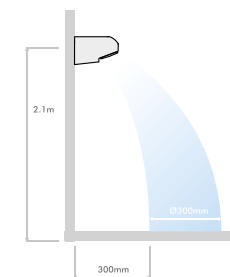
### RUB CLEAN VANDAL-RESISTANT HEAD

- Back or bottom inlet connection
- Rub clean shower head to easily remove limescale
- Compact spray footprint allows for functional use, even in compact areas
- Intended for use with Inta timed flow controls and Intamix TMV

#### VR996CP

Rub clean vandal-resistant head with exposed or concealed connection

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Inlet connections: G 1/2" M / 15mm compression



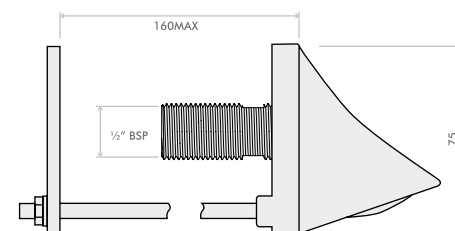
### ANTI-LIGATURE VANDAL-RESISTANT SHOWER HEAD

- Anti-ligature and vandal-resistant design
- Cross-wall inlet connection
- Can be used as shower head or basin spout for hand washing
- Intended for use with Intamix TMV

#### VR995CP

Anti-ligature vandal-resistant shower head

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Inlet connections: G 1/2" M



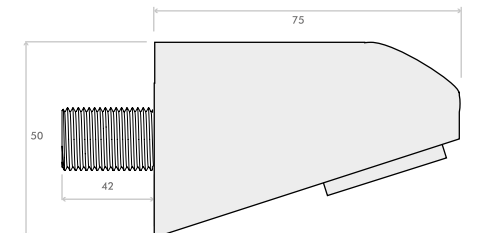
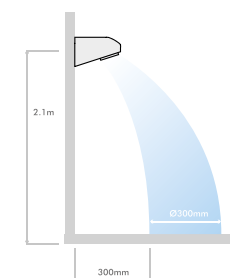
### ANTI-LIMESCALE VANDAL-RESISTANT HEAD

- Directional control of the shower head
- Rub clean shower head to easily remove limescale
- Intended for use with Inta timed flow controls and Intamix TMV

#### VR997CP

Vandal-resistant head with back connection, anti-limescale adjustable spray plate

- Min operating pressure: 0.2 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Inlet connections: G 1/2" m

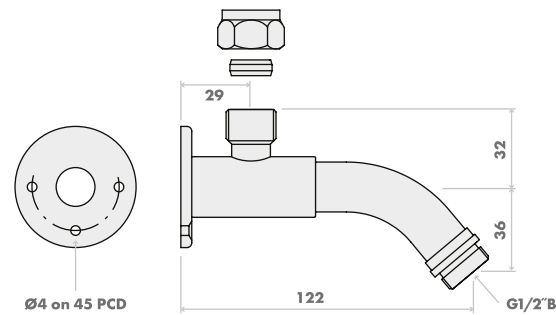




INTACEPT SHOWER ARM

- Top inlet connection
- Brass construction

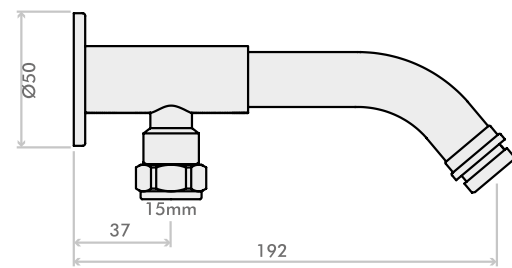
IN902CP  
Intacept top entry shower arm



INTACEPT SHOWER ARM

- Bottom inlet connection
- Brass construction

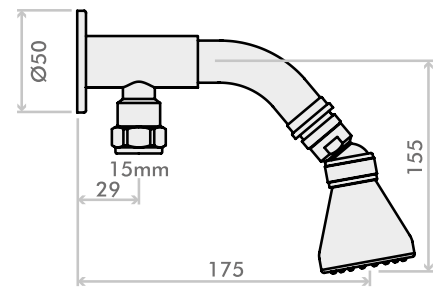
IN904CP  
Intacept bottom entry extended shower arm



INTACEPT BOTTOM ENTRY SHOWER ARM

- Bottom inlet connection
- Anti-limescale rub clean shower head
- Brass construction

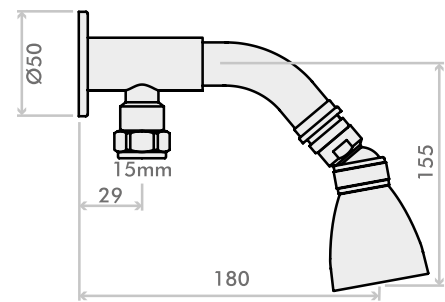
IN930CP  
Intacept bottom entry shower with rub clean shower head



INTACEPT BOTTOM ENTRY SHOWER ARM

- Bottom inlet connection
- Anti-limescale twist and clean shower head
- Brass construction

IN940CP  
Intacept bottom entry extended shower arm with anti-limescale shower head (mini)

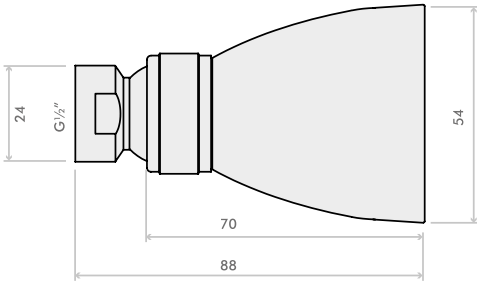




INTACEPT ANTI-SCALE SHOWER HEAD

- Anti-limescale twist and clean shower head

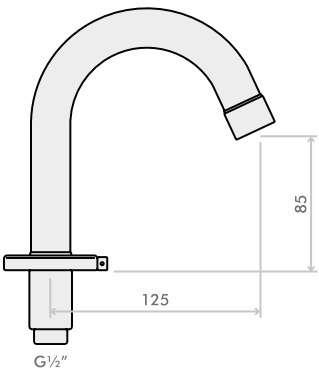
IN9100CP  
Intaccept anti-scale shower head (standard)



BASIN-MOUNTED FIXED SPOUT

- Aerator outlet

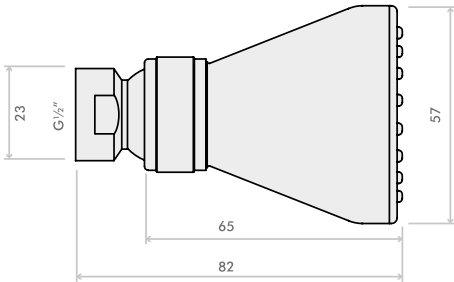
5160CP  
Basin-mounted fixed spout



INTACEPT RUB CLEAN SHOWER HEAD

- Anti-limescale rub clean shower head

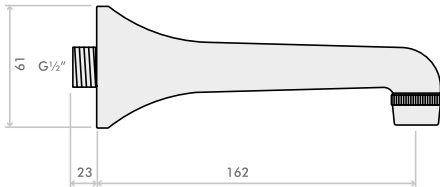
IN9200CP  
Intaccept rub clean shower head



WALL-MOUNTED FIXED BASIN SPOUT

- Aerator outlet

5161CP  
Wall-mounted fixed basin spout

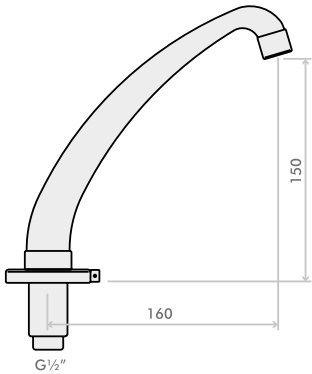




BASIN MOUNTED SWIVEL TUBE SPOUT

- Swivel spout
- Aerator outlet

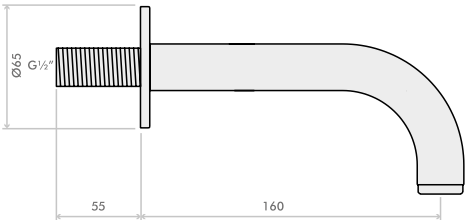
5162CP  
Basin-mounted swivel tube spout



WALL-MOUNTED FIXED MINIMALISTIC SPOUT

- Aerator outlet

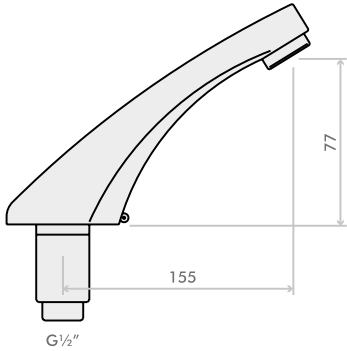
5165CP  
Wall-mounted fixed minimalist spout



BASIN-MOUNTED FIXED SPOUT

- Aerator outlet

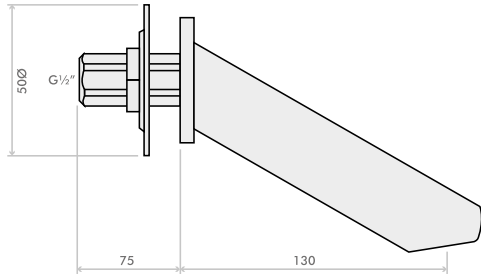
5163CP  
Basin-mounted fixed spout



WALL-MOUNTED SPOUT

- Vandal-resistant
- Flow straightener

5287CP  
Wall-mounted spout



# inta

## Drinking Fountains

FREQUENTLY USED APPLICATIONS



COMMERCIAL EDUCATION LEISURE



## 2.10

## Drinking Fountains

### PUSH BUTTON DRINKS FOUNTAIN

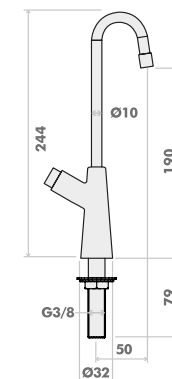
- Drinking fountain with instant shut-off

#### DF2179CP

Push button drinks fountain



- Min operating pressure: 0.1 bar dynamic
- Max operating pressure: 8 bar static
- Recommended pressure: 2 - 4 bar
- Water temperature range: 5 - 65°C
- Adjustable flow rate



### LEVER OPERATED DRINKS FOUNTAIN

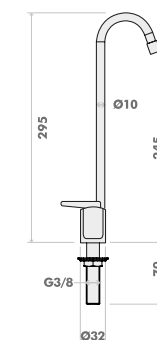
- Drinking fountain with instant shut-off

#### DF2180CP

Lever operated drinks fountain



- Min operating pressure: 0.1 bar dynamic
- Max operating pressure: 8 bar static
- Recommended pressure: 2 - 4 bar
- Water temperature range: 5 - 65°C
- Adjustable flow rate



### LEVER OPERATED DRINKS FOUNTAIN WITH INSTANT CUT OFF

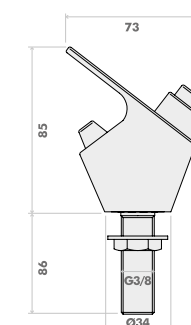
- Drinking fountain with instant shut-off

#### DF2178CP

Lever operated drinks fountain with instant cut off



- Min operating pressure: 0.1 bar dynamic
- Max operating pressure: 8 bar static
- Recommended pressure: 2 - 4 bar
- Water temperature range: 5 - 65°C
- Adjustable flow rate







COMMERCIAL



LEISURE

### KNEE OPERATED EXPOSED VALVE

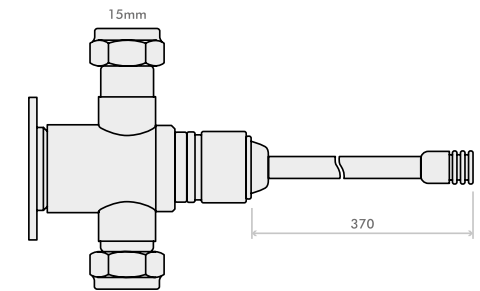
- Timed flow control
- Lever operated non concussive action

#### LO810CP

Knee operated exposed valve with 350mm lever



- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Timed flow: 15 ± 3 seconds
- Inlet connections: 15mm compression
- Outlet connections: 15mm compression



### KNEE OPERATED CONCEALED VALVE

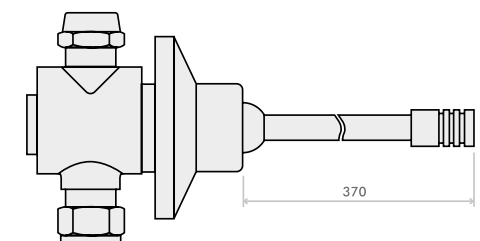
- Timed flow control
- Lever operated non concussive action

#### LO820CP

Knee operated concealed valve with 350mm lever



- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 10 bar static
- Max inlet temperature: 65°C
- Timed flow: 15 ± 3 seconds
- Inlet connections: 15mm compression
- Outlet connections: 15mm compression



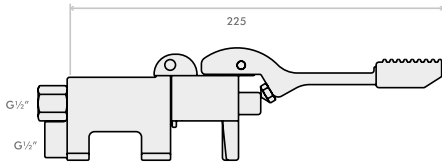
FOOT OPERATED FLOOR-MOUNTED MIXING VALVE

- Timed flow control
- Hygienic pedal operation
- Stop control pedal for continuous flow
- Intended for use with the Intamix TMV

LO801CP

Foot operated floor-mounted mixing valve with stop for continuous flow

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Inlet connections: G 1/2" F BSP
- Outlet connections: G 1/2" F BSP



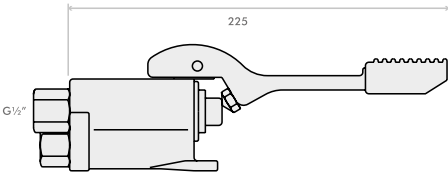
FOOT OPERATED FLOOR-MOUNTED MIXING VALVE

- Timed flow control
- Hygienic pedal operation
- Stop control pedal for continuous flow
- Intended for use with the Intamix TMV

LO803CP

Foot operated floor-mounted mixing valve

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Inlet connections: G 1/2" F BSP
- Outlet connections: G 1/2" F BSP



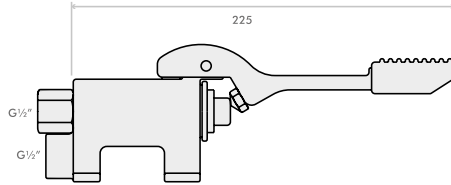
FOOT OPERATED FLOOR-MOUNTED VALVE

- Timed flow control
- Hygienic pedal operation
- Intended for use with the Intamix TMV

LO802CP

Foot operated floor-mounted valve

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Inlet connections: G 1/2" F BSP
- Outlet connections: G 1/2" F BSP



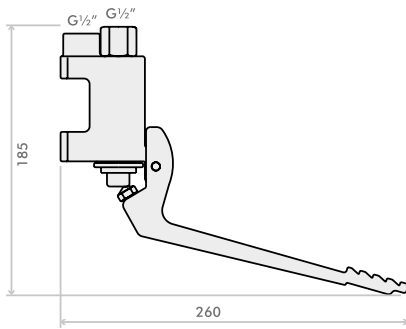
FOOT OPERATED WALL-MOUNTED VALVE

- Timed flow control
- Hygienic pedal operation
- Intended for use with the Intamix TMV

LO804CP

Foot operated wall-mounted valve

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Inlet connections: G 1/2" F BSP
- Outlet connections: G 1/2" F BSP



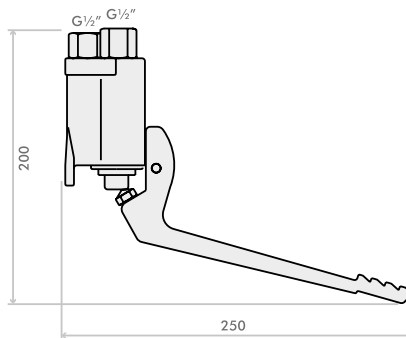
FOOT OPERATED WALL-MOUNTED MIXING VALVE

- Timed flow control
- Hygienic pedal operation
- Independent control of the hot and cold
- Intended for use with the Intamix TMV

LO805CP

Foot operated wall-mounted mixing valve

- Min operating pressure: 0.5 bar dynamic
- Max operating pressure: 8 bar static
- Max inlet temperature: 70°C
- Inlet connections: G 1/2" F BSP
- Outlet connections: G 1/2" F BSP







# inta

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