



CATALOGUE
2016

We've focused our entire business
on delivering absolute reliability
in every area of our manufacturing.

2016

Instanta Beverage And Catering Equipment



BRITISH
MANUFACTURING
SINCE 1957

Instanta

CATALOGUE
2016

INSTANTA BEVERAGE AND CATERING EQUIPMENT CATALOGUE 2016

ABOUT US

Reliability. Durability. Diligence.

When supplying and manufacturing to commercial businesses with heavy and industrial usage, a key requisite is the longevity and reliability of those products.

Every day, water boilers can be used countless times, servicing the needs of hundreds of members of staff, commercial clients and customers. Failure is not an option. That's why at Instanta we have focused our entire business on delivering that reliability in every area of our manufacturing, from the high-spec materials we use, to the rigorous testing we put each of our products through.

With Instanta you can be assured that we will do everything in our power to keep things running for you and your company at all costs.



CATALOGUE

CONTENTS

2016

Behind the Scenes of Instanta	6-7
British-made Reliability	8-10
NEW FOR 2016	
SL13, UCD40/STA, Lockable Tap & Key Fob	11-14
THE INSTATAP 2016	
The InstaTap 2016	16-19
InstaTap Chilled	20-21
COUNTER-TOP AUTO-FILL	
SureFlow Plus	22-23
SureFlow	24-25
SureFlow Pro	26-27
SureFlow Compact	28-29
SureFlow Touch	30-31
WALL MOUNTED AUTO-FILL	
Wall Mounted Premium Sure Flow	32-33
Wall Mounted Sure Flow	34-35
COUNTER-TOP AUTO-FILL STEAM & WATER	
Barista Pro	36-37
SOUS VIDE DIGITAL WATER BATHS	
Culinaire Premium	38-41
Culinaire Standard	42-43
COUNTER-TOP AUTO-FILL BOILER & CHILLER	
Smart Flow	44-45
BULK COUNTER-TOP AUTO-FILL	
Titan Pro	46-47
FILTRATION IN-LINE SCALE REDUCTION	
AQ35, AQ35A, AQ4, AQ6	48-49
After Sales Support	50
Technical Training & Product Commissioning	50
Guarantees	51

INSTANTA BEHIND THE SCENES

Being one of the UK's leading manufacturers of beverage and catering equipment requires a diligent approach at every level of the business.

Our Products

We design our products to be reliable and robust and reflect the company's competence and reputation as one of the leading manufacturers of premium beverage and catering equipment in the UK. Our products are independently tested and approved to British & European standards for EMC and Electrical Safety compliance. We strive to continuously enhance our products. As part of this, we have seen the introduction of a wider CPF range of counter-top boilers, which incorporate state-of-the-art electronics, with features such as the ECO mode (allowing the boiler to be switched to half-volume during quiet periods), the 7-day programmable timer and our built-in, high flow multi filtration system which reduces bad tastes and odour and inhibits limescale build-up.

Customer Support

At Instanta, attention to detail extends to every stage of the customer care philosophy, from guidance with specification, national product availability and on time delivery, to effective after sales service support.

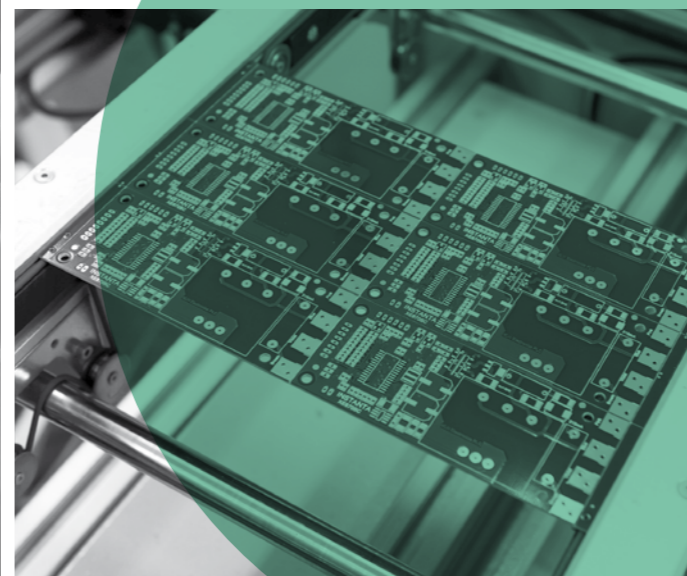
ISO 14001

We constantly strive to produce the very best products available and a vital part in achieving this goal is our commitment to good environmental practice. To further this aim, we operate a BSI accredited Environmental Management System to International Standard ISO 14001. This means that we consider the lifecycle of our products and conduct our day-to-day activities in compliance with all applicable environmental regulations, stated policies and procedures and strive for continuous improvement in all our operations.

We constantly monitor our manufacturing processes so that we can reduce waste, save energy, minimise pollution and recycle as much as we can.



RIGHT:
Circuit boards being manually connected.



LEFT:
Our products are hand-welded with care.

ABOVE:
Circuit boards being manufactured just two miles from the factory.

Our Approach

We adopt a very practical approach to environmental management and sustainability because we understand that optimising environmental performance often goes hand in hand with reducing our business costs. For example, we constantly monitor our manufacturing processes so that we can reduce waste, save energy, minimise pollution and recycle as much as we can. This is not only more respectful of our planet, as it reduces our environmental impact, but also improves efficiency and saves money.

Continuous Improvement

Instanta recognises that continuous environmental improvement begins when we align the interests of people and nature with advancements in technology. We constantly strive towards achieving this through the promotion of good environmental practice. We also try to encourage everyone throughout our supply chain to make environmental performance an integral part of their business operations and we are always happy to share our own experiences.

WE ARE BSI ACCREDITED TO ISO 14001 FOR ENVIRONMENTAL MANAGEMENT SYSTEMS

BRITISH-MADE RELIABILITY

Being one of the UK's leading manufacturers of beverage and catering equipment requires a diligent approach at every level of the business.

We are a British manufacturer that has been making boilers in Southport, Merseyside since 1957. Throughout this time our objective has been to produce top quality, innovative products that offer real value for money and deliver unrivalled reliability.

All aspects of our manufacturing process are carried out in Southport, including design and product development (2 & 3D CAD), manufacture of metal fabrication, welding, assembly, testing and inspection, packing, and despatch. We have an on-site machine shop that produces the brass and stainless steel components for our water boilers.

Our electronics are also designed and manufactured in Southport, giving us control of the entire manufacturing process from start to finish. We believe this makes us unique and gives us total control over the consistency and quality of our products.

Robust and durable. Built and engineered for the commercial environment. High-grade components and stainless steel is used throughout the product range and our custom designed micro-electronics are the most advanced to be found on any comparable product.



BELOW RIGHT: Hand finishing ensures attention to detail for all Instanta products.



We invest in the latest technology with much of our production utilising CNC machining centres, punch presses, folding equipment, automatic placement in electronics manufacturing and mechanical handling equipment. However, our products are still 'hand-made' as such, and human labour is still very much a critical part of the manufacturing process.

Despite competition from cheap imports, Instanta has continued to succeed through a combination of innovation, high quality, unrivalled service and value for money.

Infrastructure to support our products and designs includes BSI-approved Quality Management System to ISO 9001, through which we measure and monitor our despatch-on-time performance, quality and product reliability.

We also believe that it is important to consider where a product is made, for a variety of reasons. Buying cheap from lesser developed countries with poor wages and working conditions and low health and safety standards naturally raises ethical concerns. Equally, environmental issues arise from shipping products many thousands of miles across the world.

The reliability of our products is matched by the reliability of our after-sales support. By buying Instanta products you get the care and attention you deserve from a long-established UK manufacturer.

Our objective has been to produce top quality, innovative products that offer real value for money and deliver unrivalled reliability.

ALL OUR PRODUCTS ARE MADE IN BRITAIN

LEFT: Products ready in the testing area.

Our Environmental Commitment

Instanta is committed to protecting and preserving the natural environment for the benefit of future generations. To further this aim, we have operated a BSI accredited Environmental Management System to ISO 14001 since 2004. This means that all processes at Instanta are constantly monitored so that we can reduce waste, save energy, minimise pollution and recycle wherever possible.



Our Products:

- **Energy saving ECO mode (CPF Series)**
For switching to half-tank volume on quiet days – this saves energy as less water is heated up.
- **Integrated 7-day timer (CPF Series)**
Allows the user to easily programme when the boiler comes on and switches off, optimising energy efficiency.
- **Fully insulated tank (All models)**
Reduces stand-by heat-loss and improves economy.
- Products manufactured in an **ISO 14001-accredited factory (All models)**.
- **Robust and durable equipment, designed to be reliable and last (All models)**
By using high-grade materials and components throughout (type 304 & 316 stainless steel, thicker tank-wall, metal tap stem not plastic etc.), lifespan of product is extended.

Our Manufacturing Process:

- **BSI-accredited Environmental Management System to International Standard ISO 14001.** We conduct our day-to-day activities in compliance with stated policies and procedures and strive for continuous improvement in all our operations.
- **Commitment to minimising the impact of our products and operations on the natural environment.** Our business impacts on the environment in many different ways, from the manufacture of our products at our Southport factory, including energy use and the generation of waste, to the day-to-day use of the appliance throughout its working life and its ultimate end-of life disposal.
- **Continuous improvement through regular monitoring of our manufacturing processes to reduce waste, save energy, minimise pollution and recycle wherever possible.**
We adopt a very practical approach to environmental management and sustainability because we understand that optimising environmental performance often goes hand in hand with reducing our business costs. We have also invested in low-energy metal-forming equipment (CNC punch and press-brake).
- **Communicate, raise awareness and encourage environmental commitment throughout our supply chain.** Our products are entirely manufactured within the UK from our factory site in Southport (no shipping finished goods across the world). We source a large percentage of our materials and components from within the UK and we involve our suppliers through initiatives such as recycling take-back arrangements. We also try to encourage everyone throughout our supply chain to make environmental performance an integral part of their business operations and we are always happy to share our own experiences.

Instanta is committed to protecting and preserving the natural environment for the benefit of future generations.



NEW PRODUCTS 2016

SL13
UCD40/STA
Lockable Tap & Key Fob



SureFlow Slimline

SL13: Counter-top, Slim-line Automatic-fill Water Boiler

The new slim-line unit has been designed for those locations where Counter-top space is limited but standards are high. Made to Instanta's exacting specification criteria, the slim-line unit is the boiling water solution for small to medium sized catering establishments.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Clearance to Drip Tray (mm)
SL13	738	180	520	245

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
SL13	3	34	0.5	13	78	27	162

*Based on 6 cups per litre.

Under-counter SureFlow

2-YEAR GUARANTEE

UCD40/STA: Under-counter, Hot Water Dispenser with Twin Fonts

The Under-counter SureFlow provides an impressive rapid draw off of 40 litres. Suitable for stadiums and arenas, the SureFlow is both compact and powerful, with push button dispense and twin InstaTap with adjustable temperatures.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Clearance to Drip Tray (mm)
UCD40/STA	560	465	500	150

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
UCD40/STA	3	85	0.5	40	240	28	168

*Based on 6 cups per litre.

SureFlow Lockable Tap

SureFlow Lockable Tap and Key

New for 2016, the lockable tap is built with safety in mind. The SureFlow tap is easy to fit and install and can be used on all units with a standard tap and is suitable for nurseries, schools and nursing homes where boiling water needs to be restricted. Locking mechanism using a torx key.

EASY FIT AND
INSTALLATION

WHERE
SECURITY
MATTERS



INSTANTA PRODUCTS

2016

We've been manufacturing products of unrivalled reliability and innovation in our UK manufacturing facility since 1957.

STYLE AND SUBSTANCE. INSTANTLY.



THE INSTATAP 2016

The INSTATAP is suitable for retail use, a small office or can even service something as large as a football arena. This stylish chrome and stainless steel font is available with a choice of three powerful boilers.



INSTATAP™

INSTATAP™



The InstaTap is compatible with SureFlow Under-counter Boilers UCD7, UCD12, UCD40/STA and UCD47

Features and Benefits

- Electronically controlled for constant temperature up to 95°C
- Programmable measured water delivery
- Early warning diagnostics with LCD read-out
- Five water level sensors (excludes UCD7)
- Automatic re-circulating mode to prevent under temperature drinks
- Energy saving mode on 12 and 47 litre models

Installation

Easy to install with font positioned in work surface with boiler sited below. Adequate space around unit to provide sufficient air flow and ventilation.

Plumbing

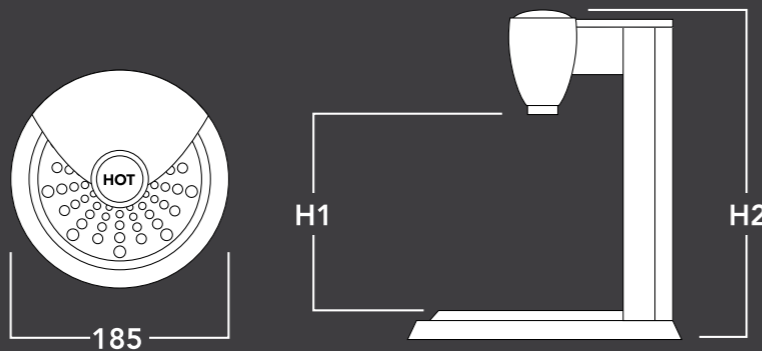
Designed for direct connection to a potable cold water supply using the 1.5 metre (3/4" BSP) food quality hose supplied. An isolating valve should be installed between the supply and the machine. Right-hand side water connection and overflow.

Electrical

UCD7, UCD12 and UCD40/STA: Fitted with 1.75 metres of cable and a 13 amp moulded plug. UCD47: Connect to a 230V supply with a suitable break capacity of 20 amps (if configured as 4.5kW unit), or 30 amps (if configured as 6.7kW unit).

Construction

- Stainless steel case
- Stainless steel heating chamber



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Font	Dia (mm)	H1 (mm)	H2 (mm)
UCD7	502	280	380	Standard	185	150	225
UCD12	540	360	415	Tall	185	250	325
UCD47	560	465	500				
UCD40/STA	560	465	500				



Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Loss (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
UCD7 and UCD7/L	3	20	0.5	0.09	7	42	28	168
UCD12 and UCD12/L	3	37	0.5	0.09	12	72	28	168
UCD47 and UCD 47/L	4.5 or 6.7	63 (4.5kW) or 40 (6.7kW)	0.7 (4.5kW) or 1.2 (6.7kW)	0.12	47	280	42 or 63	252 or 378
UCD47/D	4.5 or 6.7	63 (4.5kW) or 40 (6.7kW)	0.7 (4.5kW) or 1.2 (6.7kW)	0.12	47	280	42 or 63	252 or 378
UCD40/STA	3	85	0.5	-	40	240	28	168

*Based on 6 cups per litre.

INSTATAP™ CHILLED



The InstaTap is compatible with ChillFlow Under Counter Chilled Water Dispensers

For installations where there is a requirement for fresh, clean tasting drinking water the UCCH1000 offers 120 cups per hour via a counter mounted front and under counter chiller unit.

Features and Benefits

- Illuminated push-button dispenser
- Stylish chrome and stainless steel font
- Low voltage switching on front control
- Ventilation kit included for use when enclosed in a cupboard space
- R134a refrigerant used
- Cooling power of 185W
- Chilled water at <10°C

Installation

Easy to install with font positioned in work surface and boiler sited below.

Maximum of 120 cups/glasses per hour based on performance below:

- Power loading (kW): 0.185
- One x 180ml drink per minute @ 5°C
- Two x 180ml drinks per minute @ 7°C
- 1st Litre instantaneous @ 6°C
- 2nd Litre instantaneous @ 9°C
- Litres/hour below 10°C = 20

Plumbing

Designed for direct connection to a potable cold water supply using the 1.5 metre food quality hose supplied. An isolating valve should be installed between the supply and the heater.

Electrical

To be connected to a 230 volt supply using the cable and moulded plug (fused at 5 amp) supplied.

Construction

- Stainless steel case



Dimensions

Tap Font	Dia (mm)	Tap Clearance (mm)	Height (mm)	Model	Height (mm)	Width (mm)	Depth (mm)
Standard	185	150	225	UCCH1000	390	180	340

CHILLED ON TAP.



SureFlow Plus Series

SureFlow Plus – Premium Auto-Fill Counter-top range with built-in filtration

The first choice for thousands of customers, our stylish SureFlow Plus Series is manufactured to the highest standards and offers a choice of nine different models to suit the most demanding situations and locations. The CPF2100, traditionally our best-selling unit in this range, is ideal for regular servings with the occasional rush.

For situations where large volumes are required over a short timescale, there are five twin-tap models to choose from; CPF 4100-3, CPF4100-6, CPF520-3, CPF520-6 & CPF6100-6. The twin-tap design speeds up delivery and halves serving time.

For customers with a requirement to fill cafetieres, tall jugs or high teapots, we offer a choice of three single-tap (CPF210, CPF310 & CPF510) and two twin-tap (CPF 520-3 & CPF5206) units. All come with high-level draw-off tap(s) that provide a greater clearance for taller vessels. Whichever model is chosen, the CPF Series represent the ultimate in commercial, automatic fill water boilers.

Features and Benefits

- Integral seven day programmable timer
- Built-in multi-purpose filtration
- Energy saving ECO mode
- Temperature programmable between 80°C - 98°C
- Two tier comprehensive diagnostics system
- Integral stainless steel drip tray included
- Programmable filter monitor from 2,000 - 19,500 litres

Plumbing

Designed for direct connection to a potable cold water supply using the 1.5 metre (3/4" BSP) hose supplied. An isolating valve should be installed between the supply and the heater. Rear supply connection and choice of rear or front overflow.

Electrical

CPF2100, CPF210, CPF4000-3, CPF510 & CPF520-3 models: Fitted with 1.75 metres of cable and a 13 amp moulded plug.

CPF300, CPF4000-6, CPF6000-6 & CPF 520-6 models: Supplied with 1.6 metres of cable for connection to a 230 volt supply with a suitable break capacity of 30 amps.

Construction

- Brushed stainless steel case
- Stainless steel heating chamber
- Low voltage switching
- Two safety cut-outs

Installation

Easy to install on a stable worktop.

Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Clearance to Drip Tray (mm)	Rear Connection Clearance (mm)
CPF2100	610	260	555	200	45
CPF4100-3	610	360	555	200	45
CPF4100-6	610	360	555	200	45
CPF6100-6	610	440	555	200	45
High-tap units					
CPF210	705	260	555	304	45
CPF310	705	260	555	304	45
CPF510	705	360	555	304	45
CPF520-3	705	360	555	304	45
CPF520-6	705	360	555	304	45



WRAS
APPROVED

UP TO
3-YEAR
WARRANTY†

ECO
MODELS

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Loss (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
CPF2100	3	32	0.5	0.084	10	60	28	168
CPF4100-3	3	48	0.5	0.09	17	102	28	168
CPF4100-6	6	24	1	0.09	19	114	57	342
CPF6100-6	6	31	1	0.09	27	162	57	342
CPF210	3	32	0.5	0.084	10	60	28	168
CPF310	6	16	1	0.084	11	66	57	342
CPF510	3	48	0.5	0.09	17	102	28	168
CPF520-3	3	48	0.5	0.09	17	102	28	168
CPF520-6	6	24	1	0.09	19	114	57	340

*Based on 6 cups per litre.

SureFlow Series

2-YEAR WARRANTY†

NEW FEATURES

WRAS APPROVED

SureFlow Auto-fill Counter-top Range – with built-in filtration 1501F and 3001F

These two models are an offshoot of our powerful SureFlow Plus Series (page 22 & 23). They have slightly less styling and reduced diagnostic features and are not programmable, but offer substantial initial draw off and excellent hourly output at a highly competitive price.

Both models feature built-in multi-functional filtration which can be adjusted to hard, medium and soft water.

Features and Benefits

- Basic fault self-diagnosis with LCD read out
- Built-in multi-purpose filtration
- Electronic temperature control for constant temperature at around 97°C
- Easy access for service and cleaning
- Long-life incoloy elements
- Boil dry protection
- Stainless steel drip tray included
- 27 litres per hour output (higher if set at lower temperature)
- Over-fill protection against lime-scale

Plumbing

Designed for direct connection to a portable cold water supply using the 1.5 metre (3/4" BSP) hose supplied. An isolating valve should be installed between the supply and the heater. Rear supply connection and choice of rear (optional additional kit) or front overflow as standard.

Electrical

Fitted with 1.75 metres of cable and a 13 amp moulded plug.

Construction

- Brushed stainless steel case
- Stainless steel heating chamber
- Low voltage switching
- Two safety cut-outs

Installation

Easy to install on a stable worktop.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Depth excluding Drip Tray (mm)	Tap Clearance to Drip Tray (mm)	Rear Connection Clearance (mm)
1501F	610	252	518	362	190	50
3001F	618	310	518	362	190	50

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Power (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
1501F	3	32	0.5	0.087	10	60	27	162
3001F	3	42	0.5	0.09	17	102	27	162

*Based on 6 cups per litre.

SureFlow Pro Series

SureFlow Pro CT6000-9, CT8000-6 and CT8000-9

These 6kW (single phase) and 9kW (three phase) large and stylish boilers will cope with the most demanding situations where large volumes are needed in a short period. All feature twin taps for speedy delivery.

Features and Benefits

- Integral seven day programmable timer
- Energy saving ECO mode
- Temperature programmable between 80°C - 98°C
- Comprehensive diagnostics system
- Integral stainless steel drip tray included

Installation

Easy to install on a stable worktop.

Plumbing

Designed for direct connection to a potable cold water supply using the 1.5 metre (3/4" BSP) hose supplied. An isolating valve should be installed between the supply and the heater. Rear supply connection and choice of rear or front overflow.

Electrical

The CT8000-6 should be connected to a 230 volt supply with a suitable break capacity of 30 amps.

The CT6000-9 and CT8000-9 are both 9kW and require a 400 volt, three phase supply.

Construction

- Brushed stainless steel case
- Stainless steel heating chamber
- Low voltage switching
- Two safety cut-outs

Approvals

WRAS approved.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Clearance to Drip Tray (mm)	Rear Connection Clearance (mm)
CT6000-9	608	440	555	165	45
CT8000-6	760	440	555	185	45
CT8000-9	760	440	555	185	45

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Power (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
CT6000-9	9	23	1.4	0.17	36	216	85	500
CT8000-6	6	49	1	0.17	45	270	57	340
CT8000-9	9	35	1.4	0.2	50	300	85	500

*Based on 6 cups per litre.

SureFlow Compact

The SureFlow Compact 1000C and 1000M are designed for those locations where space is limited but standards are high. Made to Instanta's exacting specification criteria, these compact units are the boiling water solution for small to medium sized catering establishments.

Features and Benefits

- Self diagnostics system
- Long-life incoloy element
- Well insulated for minimal heat loss & energy use
- Stainless steel drip tray included
- Complete with 1.75 metres of cable & 13 amp plug

Installation

Easy to install on a stable worktop.

Plumbing

Designed for direct connection to a potable cold water supply using the 1.5 metre (3/4" BSP) hose supplied. An isolating valve should be installed between the supply and the heater. Rear supply connection and choice of rear or front overflow is available (rear option requires kit not supplied).

Electrical

Fitted with 1.75 metres of cable and a 13 amp moulded plug.

Construction

- Brushed stainless steel case
- Stainless steel heating chamber
- Low voltage switching
- Two safety cut-outs

Approvals

WRAS approved.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Depth excluding Drip Tray (mm)	Tap Clearance to Drip Tray (mm)	Rear Connection Clearance (mm)
1000C	440	218	465	345	150	50
1000M	400	218	465	345	150	50

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Power (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
1000C	3	16	0.5	0.066	5	30	27	162
1000M	2.25	13	0.37	0.066	3	18	20	120

*Based on 6 cups per litre.



SureFlow Touch Series

Counter-top SureFlow Touch Dispense Boiler DB2000

Ideal for self-service, the SureFlow Touch has an optional advanced programmable locking system. This allows the unit to be ready for use at the touch of an electronic key and is perfect for high security users or where health and safety is a concern.

Features and Benefits

- Electronically controlled for constant temperatures
- Programmable down to 80°C if required
- Simple push and hold dispense button
- Energy saving ECO mode
- Lock-off setting using electronic key-fob
- Early warning LCD diagnostics
- Five water level sensors

Installation

Counter mounted with drip tray.

Plumbing

Designed for direct connection to a potable cold water supply using the 1.5 metre (3/4" BSP) hose supplied. An isolating valve should be installed between the supply and the heater. Rear supply connection and choice of rear or front overflow.

Electrical

Fitted with 1.75 metres of cable and a 13 amp moulded plug.

Construction

- Brushed stainless steel case
- Stainless steel heating chamber
- Low voltage switching
- Two safety cut-outs

Approvals

WRAS approved.

Locking System

The locking system is activated by touching an electronic key fob against a sensor (located below the display panel). The boiling water dispense function can be set up in four different ways:

- 1 NONE/OPEN** (Standard setting) – No lock. Simply push & hold button to dispense boiling water.
- 2 TOGGLE** – Key fob turns the dispense function on and off sequentially, as required.
- 3 TIMED** – Boiling water dispense is available for a pre-set time (adjustable in minutes), determining how long it can be used before locking off.
- 4 ONE-SHOT** – A single drink can be dispensed before the boiling water function locks off.



RIGHT:

One key fob is supplied with each boiler with additional keys available from Instanta spares department (Part No: DB2000L). Up to 20 individual keys can be programmed.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Clearance to Drip Tray (mm)	Rear Connection Clearance (mm)
DB2000	608	260	465	145	45

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Power (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
DB2000	3	32	0.5	0.09	15	90	28	168

*Based on 6 cups per litre.

Wall Mounted Premium **SureFlow**



WM Premium SureFlow Wall Mounted Boilers

These high performance wall mounted boilers are the perfect solution for hot drink requirements.

Designed to last, these advanced boilers are available in impact resistant thermoplastic (WM3 & WM7) or high-grade stainless steel.

Features and Benefits

- Integral 7 day programmable timer
- Programmable filter change indicator
- Energy Saving ECO mode
- Electronic temperature control, programmable between 80°C - 98°C
- Comprehensive diagnostics system

Plumbing

Designed for direct connection to a potable cold water supply using the fittings supplied. An isolating valve should be installed between the supply and the heater. These wall mounted boilers have a choice of connection through rear or from beneath and require 2 bar incoming water pressure.

Installation

As per instructions supplied.

Electrical

To be connected to 230 volt 13 amp or 30 amp (6kW) supply.

Construction

- Stainless steel or impact resistant thermoplastic case
- Stainless steel heating chamber
- Low voltage switching
- 2 safety cut-outs

Approvals

WRAS approved.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Depth (mm)
WM3	452	332	210	90
WM3SS	414	314	215	90
WM7	498	350	220	90
WM7SS	456	320	225	90
WM15SS	545	350	250	80
WM25SS	596	410	304	90

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Loss (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
WM3 / WM3SS	3	11	0.5	0.1	3	18	28	168
WM7 / WM7SS	3	20	0.5	0.1	7	42	28	168
WM15-3SS	3	31	0.5	0.12	15	90	28	342
WM15-6SS	6	16	1	0.12	15	90	57	342
WM25-3SS	3	62 (3kW)	0.5 (3kW)	0.14	25	150	28	168
WM25-6SS	6	32 (6kW)	1 (6kW)	0.14	25	150	57	342

*Based on 6 cups per litre.

Wall Mounted SureFlow

WA SureFlow Wall Mounted Boilers

For customers who are working to a budget and want Instanta quality and reliability but with slightly lower specification and style, we are pleased to offer three wall mounted value models. These boilers with simple stainless steel cases are ideal where the keenest price is needed and space is a premium.



Features and Benefits

- Introductory diagnostic system
- Three models available
- Large heavy duty non-drip taps
- Mirror finished stainless steel case

Installation

As per instruction manual supplied.



Plumbing

Designed for direct connection to a potable cold water supply using fittings supplied. An isolating valve should be installed between the supply and the heater. These wall mounted boilers have a choice of connection through rear or from beneath and require 2 bar incoming water pressure.

Electrical

To be connected to a 230V, 13 amp supply.

Construction

- Polished stainless steel case
- Stainless steel heating chamber
- Low voltage switching
- Two safety cut outs

Approvals

WRAS approved.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Depth (mm)
WA2N	428	254	187	85
WA5N	432	290	205	85
WA10N	480	340	247	85

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Loss (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
WA2N	2	13	0.35	0.1	2.5	15	18	108
WA5N	3	16	0.5	0.1	5	30	27	162
WA10N	3	30	0.5	0.1	10	60	27	162

*Based on 6 cups per litre.

Barista Pro Steamer/Boiler

Counter-top Barista Pro Steam and Water WB2 & WB2-6

The WB2 boiler is the one that gave Instanta its reputation and is a favourite choice for high volume users. These superbly efficient models guarantee large volumes of water proving to be an essential piece of equipment for a varied beverage menu.

Though best known for its ability to add froth to cappuccino, steam injection has many uses. Making chocolate drinks, custards and sauces are just a few suggestions.

Features and Benefits

- Advanced electronic controls
- Large high-pressure non-drip taps
- Drip tray included
- Interchangeable steam nozzles, slow for frothing milk and fast for instant boiling
- Low voltage switching on all controls
- No overflow required
- Powerful 14 psi operating pressure

Installation

Easy to install on a stable worktop.

Plumbing

Designed for direct connection to a potable cold water supply using the food quality hose supplied. An isolating valve should be installed between the supply and the heater. Rear supply connection.

Electrical

To be connected to 230 volt supply with a suitable break capacity of 13 amps or 30 amps.

Construction

- Stainless steel case
- Stainless steel heating chamber

Annual Inspection

Current regulations require all pressure vessels to be inspected annually by a competent person.

Boiler Test Certificates

Copy test certificates are available on request.



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Depth excluding Drip Tray (mm)	Tap Clearance to Drip Tray (mm)	Rear Connection Clearance (mm)
WB2	585	345	600	420	180	45
WB2-6	585	345	600	420	180	45

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
WB2	3	50	0.45	13	78	23	138
WB2-6	6	26	0.9	13	78	51	306

*Based on 6 cups per litre.

Culinaire Sous Vide Digital Water Baths

Our digital water baths have been designed and tested in full consultation with award-winning chefs, and many of the features and benefits found on our equipment have evolved from this process. The CSV economy range baths are developed to the same exacting standards as our now well-established CSV premium range.

Our digital water baths have been designed and tested in consultation with award-winning chefs.



SV25 & SV38



SW12 & SW18

Culinaire Premium

Culinaire Premium Sous Vide Digital Water Baths SV Premium Range SV25 and SV38 Pro

With over 50 years of expertise in hot water technology, Instanta has developed these Digital Water Baths in consultation with award-winning chefs.

The Culinaire Sous Vide technique involves cooking ingredients in vacuum-sealed pouches at low temperatures (around 60°C) sometimes for long periods, although many dishes can be prepared quickly. Culinaire Sous Vide can improve efficiency, service and portion control and is used by many leading chefs.

Features and Benefits

- Digital display showing actual temperature
- Unique agitation that pumps water around the bath to eliminate cold spots
- Low water level warning
- Extra deep tank for larger portions
- Five timers including hours, minutes
- Heavy duty glass hinged lid
- Removable stainless steel rack system
- Optional stainless steel partitions
- Easy draining facility
- Powerful heater for faster temperature recovery

Electrical

Fitted with 1.75 metres of cable and a moulded plug.

Construction

- Stainless steel case
- Stainless steel heating chamber



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)
SV25	415	375	465
SV38	415	375	588

Technical Data

Model	Power Loading (kW)	Maximum Capacity (Litres)	Recommended Working Capacity (Litres)	Empty Weight (kg)	Weight at Working (kg)	Approximate Heat Up Time to 60°C (Minutes)
SV25	3	25	21	17.2	38.1	31
SV38	3	38	31	19	50	44

Culinaire Standard

Culinaire Sous Vide Digital Water Baths SV Range SVV12 and SVV18

Built to the same standards with slightly lower specification, the CSV Water Baths are perfect for consistent and controlled sous vide cooking.

Features and Benefits

- Digital display showing actual temperature
- Count-up timer (hours, minutes)
- Low water level warning
- Extra deep tank for larger portions
- Temperature range: Ambient to 95°C
- Easy draining facility (SVV18)
- One year guarantee (return to base)
- Powerful heater for faster temperature recovery

Electrical

Fitted with 1.75 metres of cable and a moulded plug.

Construction

- High quality stainless steel case
- Stainless steel heating chamber



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)
SVV12	325	286	386
SVV18	325	343	410

Technical Data

Model	Power Loading (kW)	Maximum Capacity (Litres)	Recommended Working Capacity (Litres)	Empty Weight (kg)	Weight at Working (kg)	Approximate Heat Up Time to 60°C (Minutes)
SVV12	1.6	12	10	6.8	16.8	16
SVV18	1.6	18	14.5	8.5	22.8	23

SmartFlow Boiler and Chiller

SmartFlow Water Boiler and Chiller CH1000

Convenient and cost efficient, the CH1000 gives the flexibility of filtered hot and chilled water on tap.

Features and Benefits

- Constant hot water at 97°C
- Saves the cost, storage and transport of bottled water
- In-line filter for fresh, clean-tasting water
- Easy to use non-drip taps
- Over 60 cups per hour of chilled water at <11°C
- Compact, reliable and long-lasting
- Complete with moulded plug

Installation

Counter mounted with integral drip tray. Should be sited in a well-ventilated area.

Plumbing

Designed for direct connection to a potable cold water supply with a minimum pressure of 2 bar. An isolating valve should be installed between the supply and the heater. Rear supply connection and choice of rear or front overflow.

Electrical

Fitted with 1.75 metres of cable and a 13 amp moulded plug.

Construction

- Stainless steel case
- Stainless steel heating chamber
- Low voltage switching
- Two safety cut-outs



CH1000 Combined Water Boiler and Chiller

Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)	Tap Clearance to Drip Tray (mm)	Rear Connection Clearance (mm)
CH1000	579	270	503	148	45

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Power Loss (kW/h)	Boiling Water Rapid Draw-Off After Initial Heat Up (Cups)	Boiling Water Minimum Hourly Output (Litres)	Cold Water Constant Performance (Cups per Hour)*
CH1000	3	12	0.5	0.1	20	28	60-80

*Based on 6 cups per litre.

Titan Pro Bulk Boiler

Titan Pro Bulk Water Boiler MOD18

The MOD18, built in collaboration with the Ministry of Defence, is an automatic water boiler designed to serve hundreds of people. Not exclusively for the military, they are equally at home in sporting arenas, concert venues or any other high volume site.

Features and Benefits

- Advanced electronic controls
- Two large non-drip taps with one swivel arm fitted as standard
- Easy maintenance
- Low voltage switching
- Comprehensive diagnostic system

Installation

Easy to install on a stable, heavy duty worktop.

Plumbing

Designed for direct connection to a potable cold water supply using the food quality hose supplied. An isolating valve should be installed between the supply and the heater. Rear connection and overflow. Requires 2 bar incoming water pressure.

Electrical

To be connected to 400 volt 3 phase supply.

Construction

- Brushed stainless steel case
- Stainless steel heating chamber



Dimensions

Model	Height (mm)	Width (mm)	Depth (mm)
MOD18	896	660	550

Technical Data

Model	Power Loading (kW)	Heat-up Time (Mins)	Recovery Rate (Litres)	Stand-by Loss (kW/h)	Rapid Draw-Off (Litres)	Rapid Draw-Off (Cups)*	Hourly Output (Litres)	Hourly Output (Cups)*
MOD18	18	44	2.8	0.5	135	810	204	1224

*Based on 6 cups per litre.



Filtration

Multi-purpose Filtration Range AQ35, AQ35A and AQ4

Instanta boilers are built to the highest standards and are designed to give many years of service.

However, if the product is to be used in a hard water area it is strongly recommended that a scale management programme is put in place.

Scale build-up and the resultant damage can prove inconvenient, expensive and, whilst our boilers are designed to warn users of scale build-up, product guarantees specifically exclude issues arising from it.

As a preventative measure, Instanta provides a range of filters to suit different levels of scale and volume of usage.

AQ35 & AQ35A

The Instanta high-flow water filter delivers the best quality of water by removing sediment and impurities such as chlorine. The filter also reduces scale build-up which results in lower running costs and improved energy efficiency.

AQ4

Suitable for low usage situations, these filters remove taste and odours from the mains water (e.g. chlorine) and also reduce scale build-up.

AQ6

These filters remove impurities such as chlorine from the mains water improving the quality of drinks.

Now with the latest triple action filtration for better tasting and healthier drinks, the AQ35 3-micron filter cartridges are incorporated into the Instanta CPF and SF counter-top water boilers (excluding 1000C and three phase models).

This Instanta 3-micron filter reduces chlorine, taste and odour, filters out particles as small as three micron and inhibits the formation of limescale.

Instanta 3-micron filter cartridges are hygienically encased for fast and easy filter cartridge replacements. Cartridges are replaced every six months or 10 thousand litres.

Look for the NSF symbol on any water filter label. It is the only way you know for sure that your filter is tested and certified by the globally recognised NSF International organisation against the NSF/ANSI standard 42.

Instanta CPF 'filter change bar' indicates when a filter change is due. It can be set to measure both water volume and the number of days in service, signalling a change is due.

For a higher level of protection, consideration should be given to using the Instanta 0.2-micron triple action filter. This filter is certified to remove cryptosporidium and giardia under NSF standards.



Selecting the Correct Filter

Model	Application	Description	Change After (whichever comes first)	Compatible With
AQ35	Medium/high usage (grey label)	Scale, taste and odour reducer	6 months / 13,500 litres	CPF Series and SF Range
AQ35A	Medium/high usage (blue label)	Scale, taste and odour reducer	6 months / 13,500 litres	CPF Series and SF Range
AQ35H	Mounted bracket	Wall mounting bracket for AQ35	N/A	AQ35 and AQ35A
AQ4	Low usage	Scale reducer with hose	6 months / 5,000 litres	All models
AQ6	Low usage	Taste and odour with fittings	6 months / 5,000 litres	All models

Technical Data and Dimensions

Model	Water Pressure		Max Incoming Water Temp °C	Water Connection (ins)	Height (mm)	Diameter (mm)
	Min (bar)	Max (bar)				
AQ35	2	7	35	Integral	223	85
AQ35A	2	7	35	Integral	223	85
AQ4	2	6	35	3/4	310	50
AQ6	2	6	35	3/4	310	50

After Sales SUPPORT

Instanta is now proud to offer technical and sales training for engineers, sales representatives and end user clients.

Technical Training and Product Commissioning

Training can be conducted either at your premises or at our manufacturing plant in Southport, Merseyside.

These courses are suitable for all levels of competency and can be tailored to the clients' needs. Product training is available on all current models. Free commissioning and customer training is also available on all new products sold post-installation.

Technical Training

- Maintenance
- Repair, servicing and fault finding
- Filtration and scale management
- Specification of Instanta products

Sales Training

- Introduction to Instanta Ltd
- Product range and selection
- Key features and benefits
- Method of operation

For further information or to book a training session please contact us on 01704 501114 or email us at sales@instanta.com



Customer Guarantee

The entire Instanta range has proven inherently reliable in service but in the event that a product requires attention the following guarantees are offered:

A full 12 months parts and labour guarantee applies to:

- SureFlow Compact
- InstaTap Chilled
- Barista Pro
- Culinaire Standard (return to base)
- SmartFlow
- Titan Pro

A full 24 months parts and labour guarantee applies to:

- SureFlow Slimline
- Undercounter SureFlow
- SureFlow Series
- SureFlow Pro Series
- SureFlow Touch Series
- Wall Mounted SureFlow
- InstaTap
- Culinaire Premium

A full 36 months parts and 24 months labour guarantee applies to:

- SureFlow Plus

The following are specifically excluded from the aforementioned guarantees.

Issues arising from:

- Misuse
- Insufficient or excessive water pressure
- Hard water limescale

In addition tap springs and washers are subject to wear and tear and whilst replacements will be provided free of charge during the warranty period, an engineer will only be made available to fit them to the Barista Pro range of steam and water boilers.

**WARRANTY
ON ALL
INSTANTA
PRODUCTS**



Certificate No. FM 36413 and EMS 75807.



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