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Instanta and Zip - the unbeatable team in boiling water solutions

We are delighted to announce that Instanta is now a wholly owned subsidiary the Zip industries group of companies.

Established in Australia in 1945, Zip is a world leader in instant boiling water technology and mirrors the ideals of Instanta such as working closely with staff, customers and suppliers to provide exceptional quality and service. Together our group share over a hundred years experience in supplying boiling water solutions throughout the world – a level of expertise that is unparalleled in the industry.

We know that this is an extremely positive step forward for Instanta and are sure that you will join us in supporting this move, which sees the brand - and our team - become strategically important parts of the Zip

The Professional's Choice

Instanta is committed to protecting the environment for the benefit of our children, our grandchildren and future generations.

To further this aim we have operated a BSI accredited Environmental Management System to ISO14001 since 2004 and are not simply jumping onto the environmental bandwagon. This means that all processes at Instanta are constantly monitored so that we can reduce waste, save energy, minimise pollution and recycle wherever possible. Some of our directors have recently taken delivery of their first hybrid vehicle in order to extend the Instanta philosophy to both business and private motoring. We take our responsibilities under the WEE directive seriously and are pleased to fulfill our obligations under this initiative.

During 2010 we will be pleased to offer our support to the 10:10 initiative and have developed a number of features in our boilers to help you, the user, to reduce emissions.

Models in this brochure marked with this symbol have the added feature of an ECO mode which allows the user to switch to half volume after a busy period has passed. Whilst this feature may only save you a small amount of energy, the compound effect of thousands using the feature will be significant. In addition, the boilers marked with the symbol now have the new TIMER PROGRAMME feature. This seven day timer will allow the user to programme their boiler to switch on and off at the best time for them every day. This feature will not only save energy but will also ensure that the boilers are up and running as soon as they are needed.

We strongly encourage all businesses to operate an Environmental Management System and will be delighted to share our experiences with you. Protecting the environment not only makes sense for our futures but can save you money as well.



This brochure is printed on paper from a sustainable source and is 100% recycled fibre



The Professional's Choice

Quality Beverage Making Equipment

Instanta is one of a rare breed today - a British manufacturer. We have been making boilers in Southport, Merseyside for over fifty years and have continued to succeed through a combination of innovation, quality, service and value for money. The temptation to manufacture outside the UK, whilst financially alluring, is not one to which we intend to succumb and we hope to continue to be part of the country's manufacturing base for years to come.

Our aim is to provide water heating (and chilling) equipment with designs that combine style with practicality.

The best design in the world is no use without the infrastructure to support it and we are delighted that our deliveries, measured against our BSI approved Quality Management System have been consistently ahead of target with 99.8% of spare parts ordered before 3pm despatched on the same day and 99.9% of boiler orders delivered on time. We have managed to achieve this throughout a recession in which many manufacturers have reduced stock in order to improve cash flow.

Our Promises

We offer up to four years' parts and labour guarantee on our products (see P19 for details). This is exceptional for this type of equipment and has only been achieved through constant monitoring of breakdowns and failures. Our current first year warranty costs are running at below 0.75% of sales and we are aiming to reduce this further all the time.

We like to innovate. We were early adopters of an Environmental Management System and our micro electronics are the most advanced that you will find in any comparable product.

Our People

We want the people who work at Instanta to enjoy doing so. To further this aim, we offer our employees decent working conditions including a four day thirty five hour factory week, good holidays, pensions and fair remuneration. Over 30% of our employees have been with us since school and many are related to others in the company. This solid and reliable workforce allows us to continue making products with real consistency.

We want to be approachable and have fitted webcams to our workstations so that we can talk to you face to face using to be solved by the solved www.instanta.com and click on the solved link to meet us. Don't be shy. Very few people have used it to date but it's innovative and, more importantly, it's free.







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It's impossible for us to stand still at Instanta. Having launched a whole raft of new models in 2008 it would have been easy to rest on our laurels and take a breather but this new brochure highlights six brand new models and major upgrades to every model in our hugely popular WM and CT ranges.

New Value Wall Mounted Range

Our WA5 stainless steel cased wall mounted boiler flew off the shelves during the recession and we have upgraded it to provide more user friendly displays and added both a smaller and a larger model to the range allowing users on a budget to have Instanta quality without paying a premium price. (see page 10)







CT and WM Boilers now fully programmable.

When we launched these models with their innovative energy saving ECO mode, we thought that we had reached the pinnacle of water boiling technology but we have now managed to move a step further forward. In conjunction with our electronics supplier KLH Electronics PLC we have devised a circuit that allows the user to programme the times when the boiler comes on and switches off. In addition, when using a filter (see page 22) you can programme these models to recognise when the filter needs to be changed.

New CT8000

To bridge that gap between the CT6000 and the enormous MOD18 we are now offering the CT8000. Available in 6kW (single phase) and 9kW (three phase) this large and stylish boiler will cope with the most demanding requirements. (see page 8 for details)





New WM25SS

Customers constantly ask if we make anything bigger than the WM15 in our wall mounted range and until now we have had to say "no". Well, now we can say "yes". Our new WM25SS offers a huge 25 litre draw off and can be installed on either a 3kW or 6kW single phase power supply.



People love our under counter hot water units and frequently ask us why we haven't got an under counter chiller in our range. So, once again, in response to customer demand, we are pleased to announce our new model UCCH1000 on page 16.



Make the most of your space with a top quality wall mounted boiler.

Our high performance wall mounted boilers are the perfect solution for your hot drink requirements. Designed to last, these advanced boilers are available in four sizes delivering 3, 7, 15 or 25 litres at any one time and from 28 to 57 litres per hour.

We offer our small and medium sized models with a choice of either impact resistant moulded plastic or stainless steel cases. The heavy-duty 15 and 25 litre models have stainless steel cases.

All models:

- Programmable seven-day timer
- Programmable filter change warning when used with Instanta water treatment (see page 22)
- Compact, reliable, long lasting
- Energy saving ECO mode (not WM3)
- Electronically controlled for constant temperatures programmable between 80° and 98°C
- Large, non-drip taps
- Easy installation and maintenance
- Insulated for economy and safety
- Low voltage switching on all controls
- Stainless steel boilers
- Minimal steam escape
- Early warning intelligent diagnostics with LCD read out

- Five water level sensors (not WM3)
- Safety cut-outs on overflows and elements
- 3kW electrical loading WM3, WM7 and WM15-3SS
- 6kW electrical loading on WM15-6SS
- 3kW or 6kW electrical loading on WM25SS (choose upon installation)
- Choice of connection through rear or from beneath









RANGE GUIDE

WM3 & WM3SS

3 Litre capacity boilers

Ideal for

Situations where up to 15 people need a hot drink at the same time or up to 140 servings per hour (based on 7oz mugs).

2 Year Guarantee 🗸



WM7 & WM7SS

7 Litre capacity boilers

Ideal for

Situations where between 15 and 35 people need a hot drink at the same time or up to 140 servings per hour (based on 7oz mugs).





Based in the beautiful Ribble Valley, Workhouse Advertising and Marketing is a creative marketing agency, with a team of 20 staff. Meeting tight deadlines is crucial to the company and as they only had the traditional method of brewing up...a kettle...they thought that a wall mounted boiler might just speed things up a little.

Mark Jones, MD of Workhouse Marketing said "Our big kettle took ages to boil, cost us a fortune and had to be changed regularly from over use. It became a gathering point for staff to meet and have a good gossip, it was always empty when I fancied a brew and often client meetings were nearly over before the drinks arrived! "I have to say our new water boiler is the best bit of kit we have in the building! Forget the Macs, the cameras, the sexy lighting, the Instanta water boiler saves us time, saves us money, increases our productivity, and clients don't have to wait for refreshment. I wish I'd bought one years ago"

FULL SPECIFICATION SEE PAGES 24-25

WM15SS

15 Litre capacity boilers

Ideal for

Situations requiring large volumes. These models can provide 80 servings in one go and up to 300 per hour (based on 6kW model and 7oz mugs).

2 Year Guarantee 🗸



WM25SS

25 Litre capacity boiler.

Ideal for

Situations when the highest volumes are required.



CounterTop Stainless Steel Range

Hundred & Thousand Series Water Boilers

Our first hundred series boiler was introduced almost forty years ago and our first thousand range arrived in 1989. Throughout the intervening years the models have constantly evolved and improved and, though unrecognisable from their early counterparts, the latest incarnations are still founded on the basic principle of reliability and value for money.

Hundred Series

The CT200 and CT300 are identical in outer appearance. The CT200 operates on a 3kW supply whilst the CT300 uses a powerful 6kW supply to double the hourly output. These models have high taps that are ideal for filling cafetiéres and tall jugs or teapots.

Thousand Series

Designed for situations where large volumes are needed over a short period, there are seven models in the Thousand Series boiler range with outputs of between 12 and 50 litres in one go plus 28 to 85 litres per hour. Models CT4000, CT6000 and CT8000 have the additional benefit of two taps to speed delivery and halve your serving time.

All models

- Programmable seven-day timer
- Programmable filter change warning when used with Instanta water treatment (see page 22)
- Stylish, compact, reliable and long lasting
- Energy saving ECO mode on all models
- Electronically controlled for constant temperatures programmable between 80° and 98°C
- Large, non-drip taps
- Easy installation and maintenance
- Insulated for economy and safety
- Low voltage switching on all controls
- Stainless steel boilers
- Minimal steam escape
- Early-warning intelligent diagnostics with LCD read out
- Five water level sensors
- Safety cut-out on overflow and element
- 2 years on-site parts and labour guarantee
- Choice of overflow position to front or rear
- Stainless steel drip tray included
- 2 metre food quality hose with 3/4" BSP connections
- 3kW electrical loading CT200, CT2000 and CT4000-3
- 6kW electrical loading on CT300, CT4000-6, CT6000-6 and CT8000-6
- 9kW (three phase) electrical loading on CT6000-9 and CT8000-9







Unique message display incorporating boiler status and detailed fault diagnosis.



Boilers can easily be switched to operate on energy saving half capacity.







RANGE GUIDI

CT200 & CT300

Over 60 cups (10litres) in one go and up to 57 litres per hour (CT300)

Ideal for

Caterers using tall pots or cafetiéres.

2 Year Guarantee •



CT2000

Over 72 cups (12 litres) in one go and up to 28 litres per hour.

Ideal for

Regular servings with the occasional rush.

Guarantee .



CT4000

Two twin tapped boilers with a choice of 3kW (28 litres per hour) or 6kW (57 litres per hour) and 19 or 23 litres rapid draw off.

Ideal for

Caterers needing large volumes in peak periods.







Situated on the river Thames in southwest London between Richmond and Twickenham, Marble Hill House is a Palladian villa built in the early 18th Century. The beautiful house, set in acres of parkland came under the care of English Heritage in 1986 and its interiors have been exquisitely restored and recreated, some of its dispersed original contents have been re-assembled from as far afield as Philadelphia and Melbourne, Australia.

The cafe within the original coach house is open to visitors all year round from 10am until 4pm and, when looking for a water boiler for the cafe, Marble Hill House's David West needed one that would give him the reliability that such 365 day opening demands and was happy to choose the Instanta CT2000. The boiler has lived up to his expectations and, with the additional benefit of the ECO mode, the cafe has been able to save energy by switching to half volume on quiet days in the season.

FULL SPECIFICATION SEE PAGES 24-25



CT6000 & CT8000 Larger twin tapped models for the very heaviest usage



Value Wall Mounted Water Boilers W

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. Following the success of the WA5 we have upgraded it and added two additional sizes to the range. Where space is at a premium and you need the keenest price, these wall mounted boilers with simple stainless steel cases are ideal and will provide a plentiful supply of hot water.

All models:

- · Compact, reliable and long lasting
- Electronically controlled for constant temperatures of around 97° C
- Large, non-drip taps
- · Easy installation
- Insulated for economy and safety
- Low voltage switching on all controls
- Stainless steel boilers
- Minimal steam escape
- Basic diagnostics with user friendly display
- Safety cut-out on overflow and element
- 1 year on-site parts and labour guarantee
- Choice of connection through rear or from beneath
- 2kW electrical loading WA2N
- 3kW electrical loading WA5N WA10N
- See page 22 for compatible water treatment







RANGE GUIDE

WA2N

Our smallest ever boiler has been introduced through popular demand. Operating on 2kW this is ideal for small operations with low demand but will still provide over 100 cups in an hour.

Ideal for

Low volume users.

1 Year Guarantee 🗸



WA5N

Great value stainless steel cased wall mounted boiler. Now upgraded with new easy read display.

Ideal for

Higher volumes on a low budget.







WA10N

If your budget won't stretch to our programmable WM series you can still get good volumes from this big economy model.

Ideal for

Situations where up to 60 cups (10 litres) are needed in one go with the potential to serve an additional 160 cups per hour.

1 Year Guarantee 🗸



FULL SPECIFICATION SEE PAGES 24-25

Value Autofill CounterTop Water 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 these two value models.

1500LCD & 3000LCD

These two models are an offshoot of our powerful Thousand Series boilers (page 8). They have slightly less styling and less comprehensive diagnostic features and are not programmable, but offer substantial initial draw offs and excellent hourly output at a highly competitive price.

All models:

- Compact and reliable
- Large non-drip taps with brass spindle
- Self-priming
- Long-life incoloy elements
- Boil dry protection
- Electronically controlled for constant temperatures of around 97°C
- Low voltage switching
- Drip tray included
- Basic fault self diagnosis with clear LCD read out
- 12 months parts and labour guarantee
- Easy access for service and cleaning
- Choice of front or rear overflow connection
- 27 litres per hour output
- 3kW electrical loading
- 2 metre food quality hose with 3/4" BSP connections
- See page 22 for compatible water treatment







RANGE GUIDE

1500LCD

Our best selling economy model is simply the best value-for-money boiler on the market today.

Ideal for

11.5 litres in one go and 27 litres per hour output. With clear digital display.

1 Year Guarantee 🗸



FULL SPECIFICATION SEE PAGES 24-

3000LCD

The 1500's bigger partner.

Ideal for

17 litres in one go and 27 litres per hour output. With digital display.



WB2 Supreme

The boiler that gave Instanta its name is a favourite choice for high volume users. These superbly efficient models guarantee large volumes of boiling water - essential equipment for a varied beverage menu.

The Versatility of Steam

Though best known for its ability to add froth to cappuccino, steam injection has many more uses. Making perfect chocolate drinks, super fast heating of soups, custards and sauces are just a few possibilities - in an instant.

- Advanced electronic controls
- Compact, reliable and long-lasting
- Large high pressure non-drip taps
- Drip Tray included
- Easy installation and maintenance
- Insulated for economy and safety
- Low voltage switching on all controls
- Powerful 14psi working pressure
- No overflow required
- Vacuum relief and safety valves
- Food quality hose with 3/4" female connections
- Needs 25psi incoming water pressure (if you have insufficient pressure, a pump will be needed)
- 12 months parts and labour guarantee
- Interchangeable steam nozzles, slow for frothing milk and fast for instant boiling.
- See page 22 for compatible water treatment



D 420mm

Tap Clearance 180mm Allow up to 45mm on depth for connections to rear and 214mm to depth for drip tray.

1 litre = 6 cups or 4 mugs (approx.)

Performance	WB2 Supreme	WB2-6 Supreme
Heat up time from cold in minutes	51	27
Rapid draw off after initial heat up	13ltr (23pt)	13ltr (23pt)
Minimum hourly output	23ltr (40pt)	51ltr (90pt)
Recovery per minute	0.45ltr (0.8pt)	1ltr (1.8pt)
Power loading (single phase)	3kW	6kW
Average standby power consumption	0.2kW/hr	0.2kW/hr

We believe that ours are the most advanced and efficient boilers available and that our hourly output figures are achievable every hour, are accurate and cannot be beaten on equivalent kW loadings. Figures may vary slightly with changes in ambient

N.B. Under present regulations, all pressure vessels must be inspected annually by a competent person. Copy boiler test certificates for new machines available upon request.

DB2000 Push Button Dispense Boiler

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

- Simple push and hold dispense button
- Capable of producing 28 litres per hour and 12 litres initial draw off
- Stylish, compact, reliable and long lasting
- Energy saving ECO mode
- Electronically controlled for constant temperatures of 98°C (easily programmable down to 80°C if required)
- Easy installation and maintenance
- Insulated for economy and safety
- Low voltage switching on all controls
- Stainless steel boiler
- Minimal steam escape
- Early warning intelligent diagnostics with LCD read out
- Five water level sensors
- Safety cut-out on overflow and element
- 2 years on-site parts and labour guarantee
- · Choice of overflow position to front or rear
- Stainless steel drip tray included
- 2 metre food quality hose with 3/4" BSP connections
- Over 20 individual electronic keys can be programmed
- See page 22 for compatible water treatment





TECHNICAL SPECIFICATIONS

Performance	DB2000
Heat up time from cold in minutes	35
Rapid draw off after initial heat up	12ltr
Rapid draw off after initial heat up	72 cups
Minimum hourly output	28ltr
Minimum hourly output	168 cups
Recovery per minute	0.5ltr
Power loading (single phase)	3kW
Average standby power consumption	0.1kW/hr

We believe that ours are the most advanced and efficient boilers available and that our hourly output figures are achievable every hour, are accurate and cannot be beaten on equivalent kW loadings. Figures may vary slightly with changes in ambient temperatures.





H 608mm W 260mm

D 465mm

Tap Clearance 145mm Allow up to 45mm on depth for connections to rear



CH1000

Combined Water Boiler And Chiller

Convenient and cost-efficient, the Instanta CH1000 gives you the flexibility of filtered hot and cold water on tap.

- Saves the cost, storage and carrying of bottled water
- Fresh, clean tasting water thanks to the in-line filter, which also helps to reduce lime scale
- Easy to use non-drip taps
- Over 60 cups per hour chilled water below 11°C (depending on ambient room temperature)
- Thermistor controlled for constant hot water temperature of 98°C
- · Quality stainless case and insulated boiler
- Compact, reliable and long-lasting
- Low-voltage switching on all controls
- Easy installation and maintenance
- Choice of overflow at front or rear
- Complete with 13amp moulded plug
- 2 metre food quality hose with 3/4" BSP female connections and inline filter
- It is important that this unit is situated in a well-ventilated area
- 12 months parts and labour warranty
- See page 22 for compatible water treatment





TECHNICAL SPECIFICATIONS

Performance	CH1000
Heat up time from cold in minutes	10
Constant cold water performance	60-80 cups per hr
Rapid draw off after initial heat up	20 cups
Minimum hourly output	28ltr (50pt)
Recovery per minute	0.5ltr (0.9pt)
Power loading (single phase)	3kW
Average standby power consumption	0.10kW/hr

We believe that ours are the most advanced and efficient boilers available and that our hourly output figures are achievable every hour, are accurate and cannot be beaten on equivalent kW loadings. Figures may vary slightly with changes in ambient temperatures.





579mm W 233mm 503mm TC 148mm Allow up to 45mm on depth for connections to rear

Suitable for anywhere from a small office to a football stadium these stylish chrome and stainless steel fonts are available with a choice of three powerful boilers.

• Programmable to dispense a measured volume or to deliver on demand

• Electronically controlled for constant temperatures of up to 95°C (can easily be programmed down to 80°C if required)

- Stainless steel boilers
- Minimal steam escape
- Early warning intelligent diagnostics with LCD read out
- Four water level sensors
- Safety cut out on overflow and element
- 2 year guarantee
- Stainless steel drip tray included
- A second font can be used with the 47 litre model
- Single phase power supply
- 47 litre model can be configured to either 4.5kW (20 amp) or 6.75kW (30amp) loading
- Recommended incoming water pressure minimum 1 bar and maximum 7 bar
- Automatic recirculating programme to prevent cold drinks
- Energy saving Eco mode on 12 and 47 litre models
- 2 metre food quality flexible hose with 3/4" BSP female thread for plumbing included



Font 2



Technical Specif	Technical Specifications											
Model	Heat up time from cold	Max Draw Off Litres	Max Draw Off Cups	Hourly Output Litres	Hourly Output Cups	Recovery Per Min	Power Loading kW	Standby Power kW				
UCD7	25	7	42	28	168	0.5	3	0.10				
UCD12	35	12	72	28	168	0.5	3	0.10				
UCD47	PI	Please note that the UCD47 has 3 x 2.25kW elements and can be configured as either a 4.5kW or 6.75kW unit										
UCD47	71 / 47	47	280	42/63	252 / 378	0.7 / 1.2	4.5 / 6.7	0.18				

Dimensions



Under Counter Water Heater Font 1 (Font also used for Under Counter **Cold Water Dispenser)**



Font

221mm 185mm \// D 185mm Tap Clearance 132mm



Under Counter Water Heater Font 2



Font

H 321mm W 185mm D 185mm Tap Clearance 232mm



UCD7



502mm

W 280mm

380mm



UCD12



540mm

360mm

415mm



UCD47



560mm 465mm

500mm

If enclosing the base unit within a cupboard, the cupboard must be well ventilated



UCCH1000 Under Counter Cold Water Dispenser

- · Saves the cost, storage and carrying of bottled water
- Fresh, clean tasting water thanks to an in-line filter
- Illuminated push-button dispense

Stylish chrome and stainless steel front

 Low voltage switching on front control

• 2 cups (180ml) per minute chilled water below 7°C (dependent on ambient room temperature)

• 120 cups per hour chilled water below 10°C (dependent on ambient room temperature)

- Easy installation
- Complete with 5amp moulded plug
- Ventilation kit available for when chiller is enclosed within a cupboard

Operating Parameters

230V AC Rated Voltage Rated Current 1.2A Minimum Ambient Temp 5°C Maximum Ambient Temp 30°C

1.0 bar (15psi) Water Pressure (Min) Water Pressure (Max) 4.0 bar (58psi)

Dimensions & Weight of Under Counter Cold Water Unit

Height 390mm Width 180mm Depth 340mm

Weight 17.0kg (empty)

Refrigeration System

R134a 85g Refrigerant type & charge Cooling Power 185W 18.3 Wh/L **Energy Consumption**

Performance

The professional's choice

5°c 1 x 180ml drink per minute 2 x 180ml drinks per minute 7°c 6°C 1st litre instantaneous 2nd litre instantaneous 9°C Litres/hour below 10°C 20



Cup Carousels and Cup Holders

Ideal solutions for storing cups neatly whilst keeping them warm and ready for use.

HCC60

Capable of holding 60 (85mm max diameter) stacking cups and 60 saucers, this carousel revolves through a full 360°. Using only 200w power, the carousel will help you to serve piping hot drinks by substantially reducing the temperature drop caused by cold cups.

Unlike some other carousels, Instanta carousels have unique protecting runners, which prevent unsightly scratches to both the cups and the equipment. The carousel takes the popular 85mm stacking cups as standard but, if required, we can supply runners, which are easy to fit and reduce the aperture to 80, 75 or 70mm (please specify at time of order).

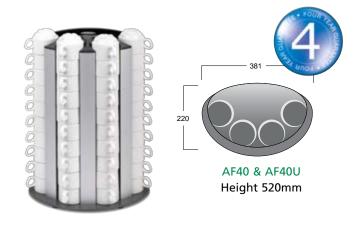
Also available unheated for storage only (Model CC60)

HCC60 & CC60 Height 710mm

The AF40'S unique design means that, when counter space is at a premium, it takes up only 60% of the space needed for a conventional carousel. Built to the high quality you have come to expect from Instanta, the AF40 has the capacity to hold 40 (85mm maximum diameter) stacking cups.

Using only 100w power, the AF40 helps you to serve piping hot drinks by substantially reducing the temperature drop caused by cold cups. The AF40 apertures can be adapted at the factory from the standard 85mm to take 80, 75 and 70mm diameter stacking cups (please specify at time of order).

Also available unheated for storage only (Model AF40/U)



MOD18

Bulk Water Boiler MOD18

Built in collaboration with the Ministry of Defence, this massive automatic fill water boiler is designed to serve hundreds. But you don't have to be in the military to need one of these machines. They are equally at home in sporting arenas, concert venues or any high volume site.

Each boiler is custom built so tap positions can be adjusted to your specification. (Illustration for guidance only)

- Advanced electronic controls
- Reliable and long-lasting
- Large non-drip taps with optional swivel arms
- Easy maintenance
- Insulated for economy and safety
- Low voltage switching on all controls
- Food quality hose with 3/4" female connections
- Needs 20psi incoming water pressure (if you have insufficient pressure, a pump and a factory modification may be needed)
- 12 months parts and labour guarantee
- Unique Instanta service self diagnostics
- See page 22 for compatible water treatment





After Sales

Service, Spares And Guarantees

We believe that our high quality products and an efficient after-sales service make us stand out from our competitors

Service early warning

Instanta products are built to last, but for times when maintenance is needed our LCD displays or coded service displays give the user plenty of warning. Designed to alert you to problems with limescale, water supply or simple operator errors, these provide a quick, accurate diagnosis, minimising time wastage and reducing costly engineers'

Protect yourself and your equipment from hard water

Many places have a hard water supply. Check with your local water supplier or ask Instanta. Bristol, Brighton, Hartlepool, Milton Keynes, Norwich, Southampton and Poole have proved to be particular black spots. Although the mineral deposits do no harm to your health, they can damage your beverage making equipment if you do not fit scale reduction technology. We therefore strongly recommend that you invest in a scale reducer or a food quality water softener. The protection afforded to your equipment will soon turn the initial expense into an economy.

SEE PAGE 22 For our comprehensive range of water treatment

Spare parts

We carry a comprehensive range of spare parts. Place your order before 3pm and currently 99% of the time we achieve same-day despatch via first class post.

Guarantees & Accreditation

Don't just take our word for it

Everyone is going to tell you that they are great but we have the accreditations to support us. Our Quality and Enivronmental Management Systems are approved by BSI. Many of our boilers are WRAS and KIWA certificated, we are SAFEcontractor approved and members of the British Safety Council.

Guarantees

Please note that we cannot guarantee against problems caused by customer misuse, insufficient water pressure. high water pressure or hard water limescale. Tap springs and washers are subject to wear and tear and, whilst we will be pleased to replace these springs and washers free of charge during the guarantee period, we will only send engineers to fit them to Steam & Water boilers.

Should your Instanta product need repair, we are pleased to offer the following guarantees:

- 12 Months parts and labour All value models, CH1000, UCCH1000, MOD18, WB2 Steam & Water Boilers
- 24 Months parts and labour CT Hundred and Thousand Series Boilers, WM wall mounted range, Under Counter Water Heaters, DB2000 and Sous Vide digital water baths
- 48 Months parts and labour all cup carousels and cup holders

For technical help and advice please call our friendly service helpline on 01704 502911

Due to continuous improvements we reserve the right to alter the design or specification without notice.











See individual pages for approved products

Digital Water Bath

With over 50 years expertise in hot water technology Instanta has developed these Digital Water Baths as a natural move into prime cooking equipment. Many of the digital water baths currently on the market have been adapted from scientific baths but our baths have been designed specifically for the chef. We have built this equipment in full consultation with award winning chefs who have told us exactly what they want including highly accurate temperature control, circulated water for constant temperatures throughout the baths, plenty of options for separating the portions, timers for different portions and reliable boil dry protection. These baths will be a must for all chefs currently using Sous Vide and will give those who have not yet tried the method the perfect introduction to it.



These units have been designed as a collaborative project with Marc Vérité, a Michelin award winning chef (Bib Gourmand). Since their launch in the summer of 2009 they have received accolades from many top chefs and have generated huge interest when shown at catering trade fairs.

Sous Vide Cooking

The process of 'Sous Vide' cooking from the French "under vacuum" is a culinary trend that has recently been seized upon by both industrial caterers and world-class chefs.

The technique involves cooking the ingredients in vacuum-sealed pouches at low temperatures (often around 60°C) sometimes for long periods although many excellent dishes can be prepared quickly. By slow-cooking food at low temperatures in sealed bags chefs have found that they can retain the texture, nutrients and flavours that conventional cooking could destroy. Bags are often chilled and stored for regeneration quickly and easily during service. This aspect of Sous Vide cooking can improve efficiency, service and portion control to a massive degree.

The technique is currently being used by many of the UK's leading and most renowned chefs.





38 litre and 25 litre models.



Digital display includes both 'Set' and 'Actual' temperature control to within 0.1°C. Temperature range from room temperature to 99.9°C.



Unique agitation pumps the water regularly around the bath to eliminate hot and cold spots.

Low water level warning including boil-dry protection.



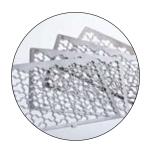
Five timers including hours, minutes and seconds. As soon as these individual buttons are pressed the time will count upwards allowing the chef to see at a glance exactly how long a particular portion has been in the bath. Pressing the button again returns the time to zero.



Heavy duty hinged safety glass lid



Removable stainless steel rack system for suspending pouches as standard



Stainless steel partitions to divide tanks available as an optional extra



Easy draining for cleaning



Electrical Sp	pecification:								
Both model	s 3kW 13 an	np single pha	ise						
Technical S	oecification T	able:							
Model	Width (mm)	Height (mm)	Depth (mm)	Height with lid open to working level (mm)	Maximum capacity (litres)	Recommended working capacity (litres)	Empty weight (kg)	Weight at working capacity (kg)	Heat up time to 65°C (Approx mins
SV25	375	415	465	615	25	21	17.2	38.1	31
SV38	375	415	588	765	38	31	19.0	50.0	44
Internal Tan	k Dimensions								
Model Width (mm)		n (mm)	Height (mm)		Depth (mm)				
	SV25		300		0 290		295		
	SV38		3	00	290)	418		

We build our boilers to the highest standards and they are designed to give many years of use.

However, if you are in a hard water area, we strongly recommend that you take steps to prevent the damage that can be caused by scale. Scale can block internal fittings, insulate water and temperature sensors, cause heating elements to fail and generally shorten the life of your boiler.

Such damage can turn out to be very inconvenient and extremely expensive and, whilst our boilers are designed to warn you of scale build up, our guarantees cannot and do not cover problems and malfunctions arising from it.

We have therefore got together with a leading water treatment manufacturer to provide you with a number of potential solutions.



Element damaged by scale

AQ4

These filters, complete with fittings, will convert the scale into a more manageable form. The filters will not eliminate scale and are suggested for low volume users in moderately hard water areas. They are good for up to 5,000 litres or a maximum of 6 months.

AQOM 30

These filters will remove scale and are recommended for higher volume users in medium to hard water areas. They are good for up to 5,000 litres or a maximum of six months (based on water hardness of 200ppm of CaCO3)

AQOM 40

These filters will remove scale and are recommended for higher volume users in medium to hard water areas. They are good for up to 10,000 litres or a maximum of six months (based on water hardness of 200ppm of CaCO3)



You may ask what we mean by high and low volume users. For example, from our experience, commercial caterers and residential homes are almost always high volume users whereas offices tend to have more moderate requirements.

All our scale reducers are supplied complete with hoses to connect to the water supply. To help you to identify when your filter needs to be changed, the CT and WM range of boilers are programmable and the screen will display when the need for a replacement is imminent.

With the CH1000 and the WB2 Supreme we offer an external scale monitor which will flash and offer an audible warning when the filter is approaching exhaustion.

With all other models it is necessary to estimate water usage and make a note in your diary when a replacement is due.

In soft water areas we also offer taste and odour filters for better tasting water. All filters are carriage paid within the UK when ordered with a boiler. Carriage charges apply to replacement filters and filters ordered without boilers. The following chart details the recommended units for initial installation. See our filter price list for details of replacements. It is recommended that a pressure reduction valve and a water block are fitted in line before the equipment to avoid the risk of water damage in the event of high water pressure or component failure.



The CT and WM range can be programmed to warn when the filter is nearing exhaustion



Instanta Scale Monitor XE860 for use with CH1000 And WB2

Choosing the right filter.	All filters should be changed after six months even if litrage has not been reached			
	Part Number	Description	Change after (whichever comes first)	Compatible with
Light Use/Light Scale	AQ4	Scale reducer with hose	6 months - 5000 litres	All models
Heavy Use/Hard Scale	AQOM30	Scale filter with fittings	6 months - 5000 litres	All models
Heaviest Use/Hardest Scale	AQOM40	Scale filter with fittings	6 months -10000 litres	All models
Optional Extra	XE860	External monitor		WB-2 Supreme CH1000
Taste & odour filters	AQ6	Taste and odour filter with hose and fittings	6 months - 5000 litres	All models

Technical Specifications										
Part Number	Diameter	Height	Min /Max Water pressure	Max incoming Water temperature	Water Connection					
AQ4	50mm	310mm*	2/6 bar	35°C	3/4"					
АQОМ 30	222mm	490mm	2/6 bar	35°C	3/4"					
AQOM40	263mm	530mm	2/6 bar	35°C	3/4"					

Performance

We believe that ours are the most advanced and efficient boilers available and that our hourly output figures are achievable every hour, are accurate and cannot be beaten on equivalent kW loadings. Figures may vary slightly with changes in ambient temperature.

Page		Heat Up Time From Cold In Minutes	Rapid Draw Off In Litres When Full	Rapid Draw Off In Cups* When Full	Hourly Output Litres	Hourly Output Cups*	Recovery Per Minute In Litres	Electrical Power Loading kW Single Phase	Standby Power Consumption In kW Hours	Programmable Seven Day Timer	Programmable Filter Monitor
	WM Range										
6	WM3	12	3	18	28	168	0.5	3	0.10	✓	✓
6	WM7	25	7	42	28	168	0.5	3	0.12	✓	✓
6	WM15-3SS	57	15	90	28	168	0.5	3	0.13	✓	✓
6	WM15-6SS	28	15	90	57	342	1	6	0.13	✓	✓
6	WM25SS	82/41	25	150	28/57	168/342	0.5/1	3 or 6	0.15	√	1
	CT Range										
8	CT200	31	10	60	28	168	0.5	3	0.10	✓	✓
8	CT300	16	11	66	57	342	1	6	0.10	✓	1
8	CT2000	35	12	72	28	168	0.5	3	0.10	✓	1
8	CT4000-3	57	19	114	28	1689	0.5	3	0.13	✓	✓
8	CT4000-6	32	23	138	57	342	1	6	0.13	✓	✓
8	CT6000-6	41	33	198	57	342	1	6	0.17	✓	✓
8	CT6000-9	27	36	216	85	510	1.4	9 (3 Phase)	0.17	√	✓
8	CT8000-6	57	45	270	57	342	1	6	0.17	√	✓
8	CT8000-9	38	50	300	85	510	1.4	9 (3 Phase)	0.22	√	✓
	Value Wall Mounted Range										
10	WA2N	15	2.5	15	18	108	0.3	2	0.10	Х	Х
10	WA5N	18	5	30	27	162	0.5	3	0.10	Х	Х
10	WA10N	31	10	60	27	162	0.5	3	0.12	Х	Х
	Value Counter Top Range										
12	1500LCD	35	11	66	27	162	0.5	3	0.10	Х	Х
12	3000LCD	52	17	102	27	162	0.5	3	0.10	Х	Х
	Bulk Boiler										
18	MOD18	45	135	810	204	1224	3.4	18 (3 Phase)	0.64	X	Х

^{*}Cups. All figures for cups are based on 6 cups per litre.

Dimensions

Wall Mounted Range			
•	WM3 & WM3SS Dimensions are for the plastic case, stainless steel cases are marginally smaller. Water and power connections to the base or through the back on the left hand side.		H 452mm W 332mm D 208mm TE 90mm
	WM7 & WM7SS Dimensions are for the plastic case, stainless steel cases are marginally smaller. Water and power connections to the base or through the back on the left hand side.		H 498mm W 350mm D 220mm TE 90mm
	WM15SS Water and power connections to the base or through the back on the left hand side.		H 545mm W 350mm D 250mm TE 80mm
V	WM25SS Water and power connections to the base or through the back on the left hand side.	8	H 596mm W 410mm D 304mm TE 90mm
Counter Top Range			
V	CT200 & CT300 Allow up to 45mm on depth for connection. Depth includes integral drip tray		H 678mm W 260mm D 555mm TC 275mm
	CT2000, CT4000, CT6000 Allow up to 45mm on depth for connections. Depth includes integral drip tray.		For all H 608mm D 555mm TC 165mm CT2000 W 260mm CT4000 W 360mm CT6000 W 440mm
LI II	CT8000 Allow up to 45mm on depth for connections. Depth includes integral drip tray.	8 8	H 760mm W 440mm D 560mm TC 185mm
Value Range			
	WA2N Water and power connections to the base or through the back on the left hand side.	8 6	H 428mm W 254mm D 187mm TE 85mm
	WA5N Water and power connections to the base or through the back on the left hand side.	→	H 432mm W 285mm D 205mm TE 85mm
	WA10N Water and power connections to the base or through the back on the left hand side.		H 480mm W 340mm D 247mm TE 85mm
8	1500 LCD Allow up to 45mm on depth for connection. Drip Tray: add a further 146mm to depth		H 610mm W 238mm D 345mm TC 190mm
-	3000 LCD Allow up to 45mm on depth for connection. Drip Tray: add a further 146mm to depth		H 618mm W 298mm D 345mm TC 190mm
Speciality Products			
ii	MOD18		H 896mm W 660mm D 550mm

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6	WM15-6SS	28	15	90	57	342	1	6	0.13	✓	✓
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	CT Range										
8	CT200	31	10	60	28	168	0.5	3	0.10	✓	✓
8	CT300	16	11	66	57	342	1	6	0.10	✓	1
8	CT2000	35	12	72	28	168	0.5	3	0.10	✓	1
8	CT4000-3	57	19	114	28	1689	0.5	3	0.13	✓	✓
8	CT4000-6	32	23	138	57	342	1	6	0.13	✓	✓
8	CT6000-6	41	33	198	57	342	1	6	0.17	✓	✓
8	CT6000-9	27	36	216	85	510	1.4	9 (3 Phase)	0.17	√	✓
8	CT8000-6	57	45	270	57	342	1	6	0.17	✓	✓
8	CT8000-9	38	50	300	85	510	1.4	9 (3 Phase)	0.22	√	✓
	Value Wall Mounted Range										
10	WA2N	15	2.5	15	18	108	0.3	2	0.10	Х	Х
10	WA5N	18	5	30	27	162	0.5	3	0.10	Х	Х
10	WA10N	31	10	60	27	162	0.5	3	0.12	Х	Х
	Value Counter Top Range										
12	1500LCD	35	11	66	27	162	0.5	3	0.10	Х	Х
12	3000LCD	52	17	102	27	162	0.5	3	0.10	Х	Х
	Bulk Boiler										
18	MOD18	45	135	810	204	1224	3.4	18 (3 Phase)	0.64	X	Х

^{*}Cups. All figures for cups are based on 6 cups per litre.



PAGE	MODEL	DESCRIPTION	POWER RATING Single Phase kW	PRICE (£)
6	WM3	Wall mounted boiler plastic case	3	520
6	WM3SS	Wall mounted boiler stainless case	3	585
6	WM7	Wall mounted boiler plastic case	3	615
6	WM7SS	Wall mounted boiler stainless case	3	710
6	WM15-3SS	Wall mounted boiler stainless case	3	820
6	WM15-6SS	Wall mounted boiler stainless case	6	865
6	WM25SS	Wall mounted boiler stainless case	3 or 6	945
8	CT200	Counter top boiler	3	625
8	CT300	Counter top boiler	6	690
8	CT2000	Counter top boiler	3	605
8	CT4000-3	Counter top boiler twin taps	3	745
8	CT4000-6	Counter top boiler twin taps	6	800
8	CT6000-6	Counter top boiler twin taps	6	840
8	CT6000-9	Counter top boiler twin taps	9kW 3 Phase	1050
8	CT8000-6	Counter top boiler twin taps	6	1235
8	CT8000-9	Counter top boiler twin taps	9kW 3 Phase	1445
10	WA2N	Value range wall mounted boiler stainless case	2	450
1.0	WA5N	Value range wall mounted boiler stainless case	3	480
10	WA10N	Value range wall mounted boiler stainless case	3	605
12	1500LCD	Value range counter top boiler	3	450
12	3000LCD	Value range counter top boiler	3	495
13	WB-2	Counter top steam and water boiler	3	1575
13	WB-2/6kW	Counter top steam and water boiler	6	1680
14	DB2000	Push button counter top boiler	3	805
14	DB2000L	Locking device for DB2000	N/A	11
15	CH1000MK3	Combined boiler and chiller	3	1290
16	UCD7	Under counter hot water dispenser	3	1285
16	UCD7/L	Under counter hot water dispenser tall font	3	1350
16	UCD12	Under counter hot water dispenser	3	1365
16	UCD12/L	Under counter hot water dispenser tall font	3	1420
16	UCD47	Under counter hot water dispenser	5 or 7.5	1605
16	UCD47/L	Under counter hot water dispenser tall font	5 or 7.5	1655
16	UCD47/D	Under counter hot water dispenser double font	5 or 7.5	2075
16	UCCH1000	Under counter chiller	3	1350
18	HCC60	Heated cup carousel	200w	690
18	CC60	Unheated cup carousel	N/A	625
18	AF40	Heated cup holder	100w	290
18	AF40/U	Unheated cup holder	N/A	270
18	MOD18	Bulk water boiler	18kw 3 Phase	3310
20	SV25	Sous vide digital water bath	3	1105
20	SV38	Sous vide digital water bath	3	1210
20	SV4P	Sous vide divider set of four	N/A	150

Drip trays, food quality hoses for plumbing and electrical cable (with moulded plugs on 3kW models) are included ONLY with counter top and under-counter models.

Prices include delivery to UK Mainland and Northern Ireland. Prices exclude V.A.T



The Professional's Choice

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