

**PRODUCT
UPDATE**

FilterFlow Automatic Water Boilers



Pure Quality



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Filtered hot water on tap

Around the world we drink countless millions of cups of tea and coffee each and every day. The consumer's seemingly insatiable demand for tea and coffee drives sales of many other food products too. So the ability to make hot beverages quickly, efficiently and economically around the clock is essential. From the smallest cafés to the busiest restaurants and the largest hotels, from the factory canteen to the humble office kitchen, all catering establishments need to have a reliable supply of piping hot water on tap every day!

Permanently plumbed to the mains water supply, the new range of FilterFlow automatic water boilers from Lincat will not only ensure you keep the hot drinks coming, they provide the finest quality filtered water for your customers and staff.

A better choice, pure and simple

- Unique built-in filtration ensures premium water quality and reduced scale build-up
- Reduced limescale means higher energy efficiency and lower running costs
- Low-cost, easy-fit replacement filter cartridges
- Lower maintenance and energy costs
- High hourly output – ideal even in busy establishments
- Reliable electronic control system
- Stylish contemporary design – ideal for front-of-house
- Advanced diagnostics with LCD panel showing operational status

WRAS
APPROVED
PRODUCT



See the FilterFlow demonstration video, scan the above QR code

Built-in filtration fitted as standard

Manufactured to the highest standards, FilterFlow automatic water boilers combine style, function, reliability and value for money with a pioneering new development in water boiler filtration.

A water filter is essential, not only in hard water areas to reduce problematic scale build-up, but also to remove impurities that can leave an unpleasant taste. With standard boilers, these filters are plumbed in as a separate unit, which is costly and unattractive. However, FilterFlow is ingeniously different – it revolutionises water boiler design by incorporating the filter cartridge within the boiler casing.

Give your customers the taste of quality

FilterFlow boilers ensure that water is always of the highest quality. Their advanced filtration system produces a real improvement, even to beverages made with soft water, by reducing sediment and other impurities, as well as the taste and odour of chlorine. Drinks not only taste better, they look better too.

You can give your customers a visible assurance of water purity and beverage quality by affixing the branded FilterFlow badge to your water boiler. This is supplied as standard with all FilterFlow models.



Convenient, easy-change filters

No need to call out an engineer to replace the filter unit. With FilterFlow, changing the filter cartridge is as easy as changing a light bulb. Just slide the cartridge into its housing and turn to lock it into position. Job done!

Reliable and responsive electronic control systems

Water boilers are constantly in use, so reliability is important. FilterFlow boilers utilise the latest technology to ensure peak performance, day in, day out. Internal level sensors detect the volume of water in the boiler and control replenishment at a rate that avoids excessive falls in water temperature. Reliable and responsive electronic control maintains water temperature within very close tolerances. This means that the water is always held at the correct temperature.

LCD panel keeps you informed

An advanced diagnostics system, complete with an LCD panel, keeps you informed of the boiler's status at all times. As well as advising you when water heating is in progress, and when water has reached the correct temperature, the display will alert you when the filter needs changing and when descaling is required. In the unlikely event of a breakdown, the diagnostics will advise you of the likely cause. The display will also inform you of other faults, such as an interruption to the water supply.

Designed for easy maintenance

Routine maintenance of your FilterFlow automatic water boiler couldn't be easier. Access to all internal components is gained simply by removing the lid and front panel. FilterFlow boilers require much less descaling, but when this is required, the process is quick and straightforward – and there's no need to move the boiler from its normal position.



LCD panel keeps you informed

A model to meet your needs

The FilterFlow range offers you a choice of six automatic water boilers, with outputs ranging from 31 litres to 60 litres per hour. The range of dispense options includes push-button and push-button with programmable metered

dispense, alongside the traditional tap design. Each model is supplied with an integral drip tray as standard – an accessory often only available as an optional extra from other manufacturers.



EB3F

EB4F

EB6F

EB6TF



EB3F/PB

EB3F/PBM

Inclusive Accessories

- First filter cartridge
- Drip tray
- Water feed hose

Optional Accessories

- **BR49** - Wall mounting kit for EB3F, EB3F/PB, EB3F/PBM and EB4F
- **BR50** - Wall mounting kit for EB6F and EB6TF
- **FC02** - Replacement filter cartridge

High hourly output - low energy input

A high performance machine, FilterFlow is ideal for busy establishments. The EB3F model for example can deliver 31 litres of piping hot water every hour, the highest output from any 3kW water boiler on the market.

Better still, FilterFlow water boilers don't thirst for energy! The heating element is controlled by a highly accurate electronic temperature management system. Coupled with effective insulation, economic operation is assured. During 'stand by' periods, power consumption per hour is just 100 watts. So your FilterFlow boiler can be left on at all times, ensuring that piping hot water is always on tap.

FilterFlow saves you money in other ways too

FilterFlow water boilers not only eliminate the need for costly separate filtration installations, they save you energy too! Even a 1.6mm coating of limescale on a heating element can make it up to 12% less efficient. So, by substantially reducing calcium carbonate content, the cause of scale build-up in hard water areas, you can significantly reduce energy consumption. And you save on service and downtime costs!

With a long working life of around 4,000 litres, FilterFlow cartridges offer exceptional value for money and replacement costs are surprisingly low.

Sleek, clean, fully integrated design

No separate filter unit. No unsightly exposed pipework. With its sleek, stylish profile and attractive stainless steel back, FilterFlow water boilers are ideal for front-of-house applications.



Our convenient push-button model

FilterFlow push-button models offer convenience, safety and ease of use for the busiest of outlets. Rather than the conventional tap method, premium-quality, filtered, hot water is dispensed at the touch of a button. And with their sleek, contemporary design, these models are also perfect for front-of-house and self-service operations.

The range includes two dispense options – push and hold, as well as a programmable metered dispense. They share all the performance and specification benefits of the tap dispense models, such as a built-in filtration, high volume output, and accurate electronic temperature control.



Concealed, easy-change filter cartridges

Neatly concealed behind a removable front panel, FilterFlow filter cartridges are easy to change. Simply slide the cartridge into its housing and turn to lock it into position. Job done!

EB3F/PB

Now available with metered dispense

With busy outlets, it's essential to invest in robust, easy-to-use equipment that you can rely on to carry out one job while you get on with other tasks. Lincat's FilterFlow push-button water boiler with metered dispense does exactly this.

With the same high-standard specification and excellent output as the EB3F/PB push-and-hold model, the EB3F/PBM produces piping hot, premium-quality water immediately – but with just one touch of a button.

Simply set the programmes using the easy, on-screen instructions and it will deliver up to three different, precise volumes of filtered water to suit the hot beverage needs of any business. This makes it ideal for self-service operations, as you just press the button and leave it to fill. If the wrong fill level is selected, the flow can be switched off by simply pressing the button a second time.



Easy to setup and operate



Choose a program to deliver up to 3 precise measures



Place cup/mug, press and hold to fill to desired measure



Programs can then be tested

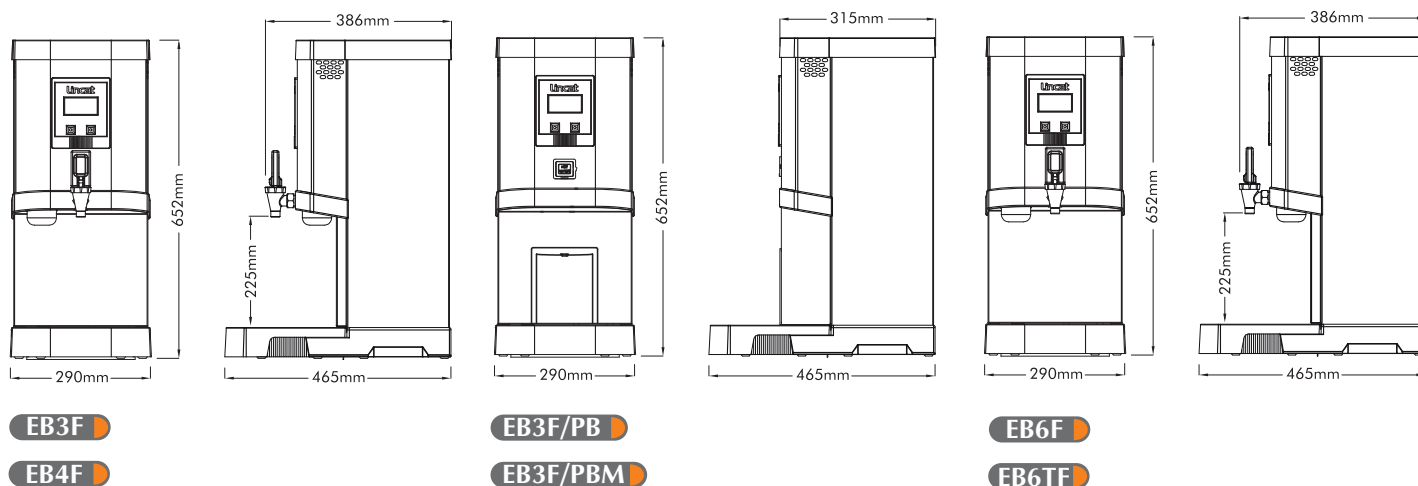


Now simply press and release to fill



EB3F/PBM





Technical Specifications

| Model | EB3F | EB3F/PB | EB3F/PBM | EB4F | EB6F | EB6TF |
|--|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| Dimensions H x W x D (mm) | 652 x 290 x 465 | 652 x 290 x 465 | 652 x 290 x 465 | 652 x 290 x 465 | 652 x 455 x 465 | 652 x 455 x 465 |
| Power Rating (kW) | 3.0 | 3.0 | 3.0 | 4.5 | 6.0 | 6.0 |
| Standby power consumption (kW/hr)* | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Method of dispense | Tap | Push & hold | Push & release | Tap | Tap | Tap |
| Programmable | No | No | Yes | No | No | No |
| Output per hour | 31 litres 55 pints 205 cups | 31 litres 55 pints 205 cups | 31 litres 55 pints 205 cups | 45 litres 79 pints 300 cups | 60 litres 105 pints 400 cups | 60 litres 105 pints 400 cups |
| Rapid draw off | 9 litres 16 pints 60 cups | 9 litres 16 pints 60 cups | 9 litres 16 pints 60 cups | 9 litres 16 pints 60 cups | 17 litres 30 pints 110 cups | 17 litres 30 pints 110 cups |
| Recovery per minute | 0.52 litres 0.92 pints | 0.52 litres 0.92 pints | 0.52 litres 0.92 pints | 0.75 litres 1.32 pints | 1.00 litres 1.76 pints | 1.00 litres 1.76 pints |
| Boiling time** | 26 mins | 26 mins | 26 mins | 19 mins | 23 mins | 23 mins |
| Single phase current @ 230V (1N~+⏏) amps per phase | 13 | 13 | 13 | 20 | 26 | 26 |
| Three phase current @ 400V (3N~+⏏) amps per phase | N/A | N/A | N/A | N/A | 13/13/0 | 13/13/0 |

* The approximate power consumption when the boiler is full and to temperature. This is the typical consumption during periods of non-use, such as overnight.

** Boiling time is the time to heat to full capacity from empty.

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