

Instant draw off

Instant draw off refers to the maximum volume of hot water that can be immediately dispensed from a water boiler or cooler before the temperature starts to drop. This is typically measured in litres.

This metric is crucial in scenarios where there is a need for a large amount of hot water in a short period. Settings such as restaurants, catering services, or offices during peak times would require a hot water cooler or boiler with a higher instant draw off. This means that the unit can handle more significant surges in demand without compromising water temperature.

Hourly output

Hourly output measures the total volume of hot water that a boiler or cooler can produce in one hour, considering both the heating capacity and the recovery rate of the system. This is typically measured in litres per hour (ltrs/h).

Hourly output is vital in environments where there is a continuous or sustained demand for hot water throughout the day. This metric gives an indication of the system's ability to replenish hot water after the initial draw off and maintain supply over extended periods.

Selecting the right system

When choosing between systems based on these metrics, it's essential to consider the specific needs of your environment. A high instant draw off might be more valuable for a small office that experiences peak demand at specific times, while a high hourly output is better suited for environments with consistent and ongoing hot water requirements.

Understanding these metrics will help you in making an informed decision when deciding which hot water cooler or boiler is most suited for your customer.

Our standout products

Selecting the right hot water dispensing machine is crucial for delivering high-quality products to your customers. Aligning the machines capabilities with the needs of your customers will lead to satisfaction and loyalty.

Not sure where to start? Check out our top hot water boiler and cooler picks. It's also important to remember that hot water machines, especially in hard water areas, are susceptible to scale build-up. Make sure you install your machines with an appropriate scale removal filter.



PowerSmart 3

- 6ltr instant draw off
- 17ltr/h hourly output (96 cups)
- Table top water boiler
- Integrated eco-sensor technology
- Water temperature up to 96°C



ArcticStar 55

- 9ltr/h hourly output (51 cups)
- Floor standing & table top cooler
- Eco-sensor technology
- Integrated cup dispenser
- Water temperature up to 90°C
- Boosted water temp up to 95°C



Brita C-150

- Resin based filter
- Removes scale
- For use in hard water areas
- Mainly used with boilers