



Key points for BREEAM, LEED and SKA.

Why the Billi boiling and chilled water systems helps to score high with BREEAM, LEED and SKA?

Systems self-calibrate to boiling point to ensure steam is not emitted the system is also vented, so risk of pressure build up is negated.

With the use of inverter pump, the water from the boiling tank (necessary for the water to be at correct temperature for tea brewing) is delivered directly to the tap instantaneously (pipe length and pump speed set a point of installation), the pump speed is then reduced so greatly reduces the possibility of splashing as the water fills the cup (from empty).

Fully insulated tap dispensers ensure there is no scald risk from the tap and the boiling and chilled water can be dispensed consecutively without reduced performance.

Heat generation from appliances in cupboards provides the perfect environment within which bacteria and infections breed. Billi's drinking water systems are designed to keep cupboards and surrounding areas free from heat. Not only is the heat all contained within the unit, the energy is harvested, ensuring the highest level of energy efficiency as well as safety.

Eliminate the need of keeping troublesome door vents clean and free from dust and germ build-up, by installing Billi's drinking water systems. Billi's unique technology ensures that cupboard door vents, fans and ventilation are not required, for boiling and chilled systems.

Self-calibration

Splash-free

Insulation

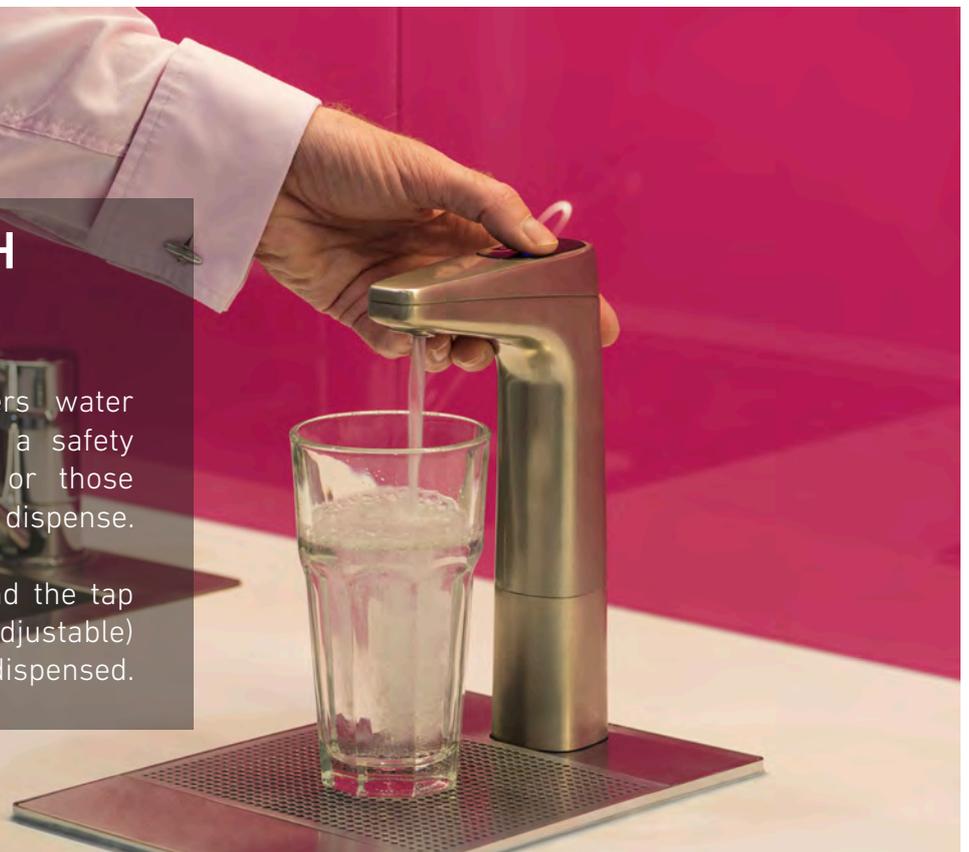
Waste-heat technology

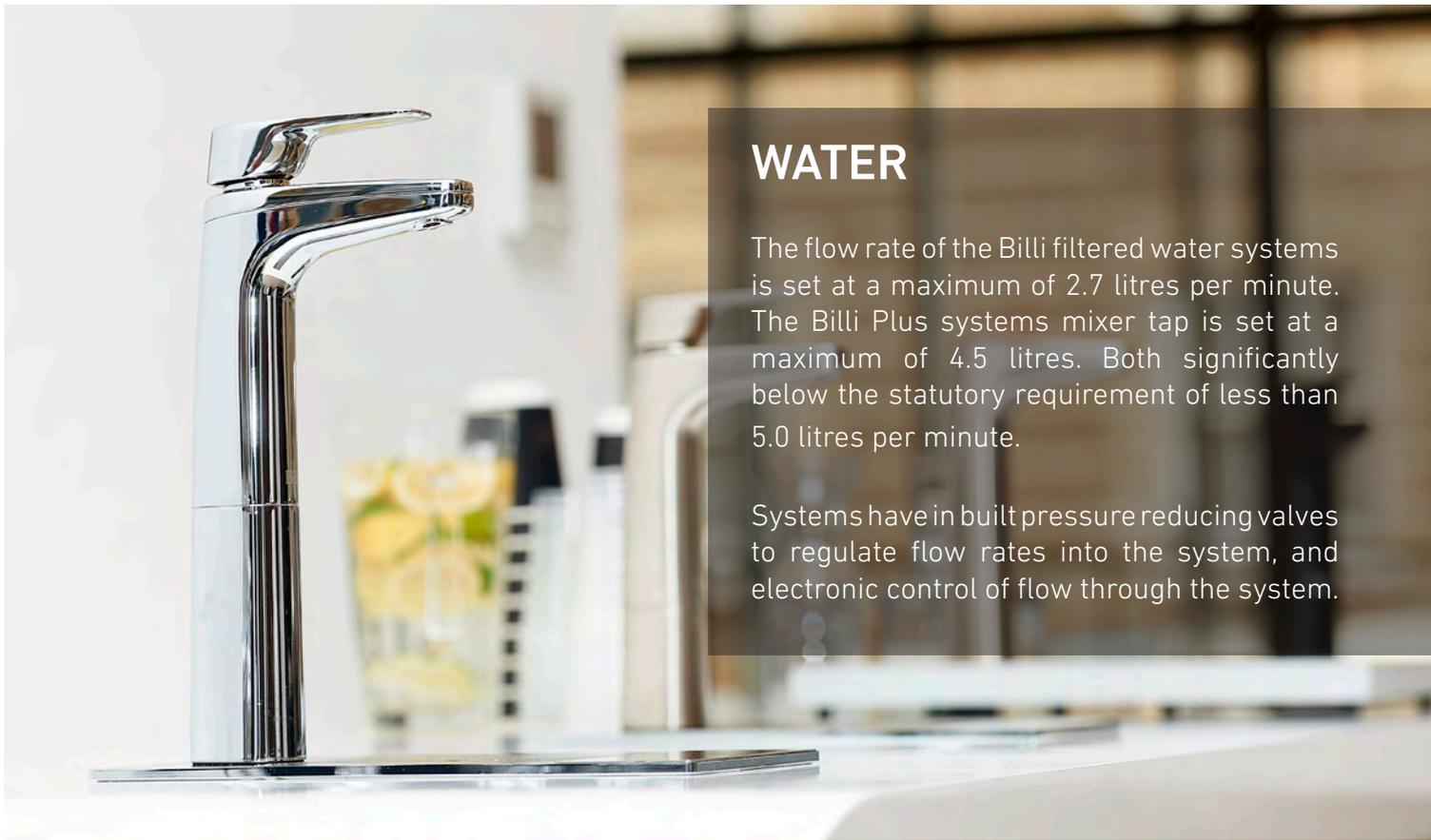
Easy clean

PERSONAL HEALTH AND SAFETY

The boiling tap which delivers water at 98.5°C comes pre-set with a safety switch to safeguard children or those handicapped being able to dispense.

The lock has to be disabled and the tap operated within 8 seconds (adjustable) following, for water to be dispensed.





WATER

The flow rate of the Billi filtered water systems is set at a maximum of 2.7 litres per minute. The Billi Plus systems mixer tap is set at a maximum of 4.5 litres. Both significantly below the statutory requirement of less than 5.0 litres per minute.

Systems have in-built pressure reducing valves to regulate flow rates into the system, and electronic control of flow through the system.

Systems have in-built automatic leak detection, when activated shuts the system down. The base tray of the system has sufficient capacity to carry the volume of water within the unit, so that should there be an internal leak, this does not cause damage to surrounding joinery and also reduces the possibility of wasting water. Filtration is to the water to boiling side only, as this is a real challenge at 65°C+ ensuring greater life of the filters and also the taste of the chilled water is not affected.

Billi taps can be programmed to perform a hygiene flush, for 2 minutes combating legionella and preventing unwanted odours caused by dry taps.

In hands free mode, with the levers up or touch pad 'double click', systems have an automatic time out at 20 seconds (adjustable) for boiling side and 60 seconds (adjustable) for the chilled side, should taps be left running. Standard operation of the tap is by fingertip flow control holding the lever or touch pad, and on release the water flow ceases.

New advanced 5-stage filtration with Fibredyne™ technology which is certified to NSF Standards 53 and 42 and WRAS. Limescale control filtration is to the water to boiling side only, as this is a real challenge at 65°C+ ensuring greater life of the filters and also the taste of the chilled water is not affected

Leak Detection

Hygiene Flush

Safety Timeout

Filtration



ENERGY SAVING

The Billi units are fully programmable via a 7 day time switch programme. The Billi units offer up to 40.2% energy savings when compared with other systems.

SPACE EFFICIENCY

Billi units are up to 46% more space efficient than other systems on the market. Not only is the actual physical size of the systems compact, the negated requirement for ventilation around the unit makes the systems extremely space-efficient.

All the boiling and chilled systems have a heat exchange system, where the heat energy generated by the cooling process is harvested to pre-heat the water entering the boiling tank, and therefore reduce the energy required to heat the water to 98.5°C. This has the added benefit of being more compact and the systems can be installed without ventilation or cooling fans.

Stand-by-power is less than 39.0w per hour over a 24 hour period. Stand-by-mode powers down the unit after a pre-selected time of inactivity.

The Billi under counter units offer excellent space savings. Many under counter systems take up a large amount of valuable cupboard space. The Billi unit includes all plumbing and power inside the cupboard which are all easily accessible at the top of the unit for maintenance purposes. Connections are via quick release John Guest ensuring simple and efficient on-going maintenance.

Heat exchange system

Energy efficiency

No cupboard ventilation

Advanced software self-diagnosis system continually monitors performance, provides a working history of the system, along with filter life and litres of throughput and leak detection.

Billi has Service Engineers to cover the UK and Ireland. With Partners in Europe and across the World. We offer a range of Service Plans for the ongoing maintenance of our systems.

Environmental Production and Recycling Program best 'Cradle to the Grave' philosophy (LCA), individual parts are recyclable and bear internationally recognised codes. Global GreenTag Gold Certification - World First Gold Green Tag Accreditation for the drinking water category awarded to Billi systems for Billi Eco, Quadra & Quadra Plus.

Billi units are installed in the most prestigious and famous workplace buildings around the globe. Billi are the tap of choice for landlords, property developers and blue chip companies in the UK, Europe, Middle East, Far East and Australasia.

The Billi units have been designed to offer outstanding energy, space, and time and money savings. It is a complete solution for locations where excellent/outstanding/platinum BREEAM, LEED or SKA ratings are being sought by the client.

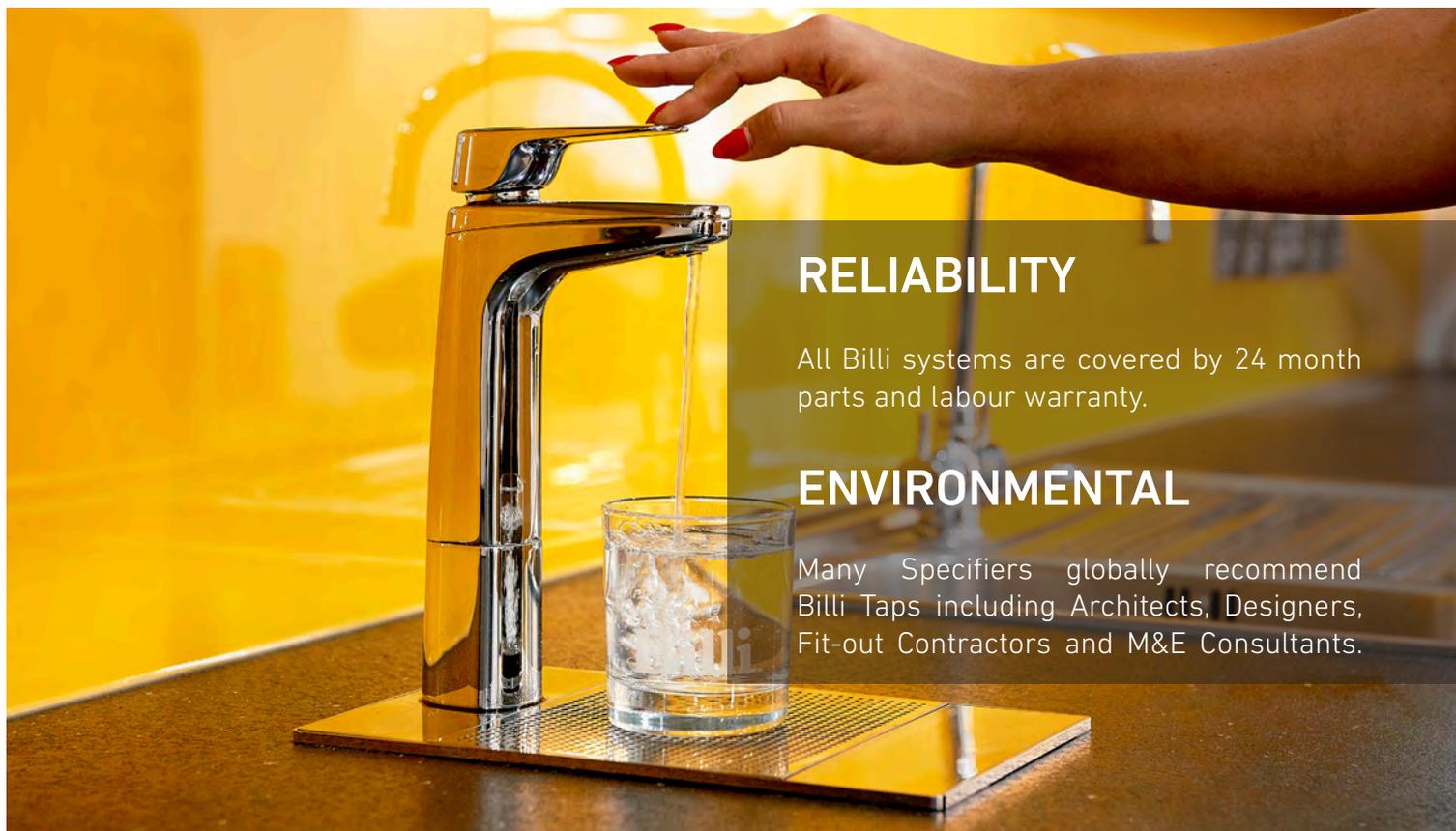
Monitoring system

Servicing

Certification

Global presence

SET advantage - space, energy and time efficiency



RELIABILITY

All Billi systems are covered by 24 month parts and labour warranty.

ENVIRONMENTAL

Many Specifiers globally recommend Billi Taps including Architects, Designers, Fit-out Contractors and M&E Consultants.



Should you have any queries, please consult the Billi Team.

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