

Specification Sheet - KwikWash I Series



Mini hot water system with the option of hands free sensor taps



KwikWash I Series

The KwikWash I Series is a mini hot water system and is available as a *plus* range or stand alone unit. The *plus* range is made up of the highly energy efficient KwikWash I Series instant hot water unit and up to 2 hands-free sensor taps. It is ideal for use in washroom and hospitality environments.

World leading temperature control with no TMV

This unit is NSW Health certified, as the unit has an incorporated temperature monitor. It is able to provide water within +/-1.5C, eliminating the need for a TMV, reducing upfront installation and ongoing maintenance costs. This is unique in the instant water heating market.

99.7% energy efficient

The Billi KwikWash incorporates unique heating technology which directly heats the water without using a conventional resistance element, called Optimised Direct Energy Transfer.

The unit will use no power at all unless the tap is being used. When the water flows, the system determines the exact amount of energy needed to heat the water to the required temperature, reducing scale and increasing efficiency.

Scald-safe design

The Billi KwikWash incorporates inbuilt safety sensors which prevent the temperature exceeding 43.5°C, eliminating the risk of scalding.

Single model

Typically hot water units are rated to different inlet water temperatures which means you are required to choose the correct system. The Billi KwikWash has a single model which delivers the accurate temperature water no matter what the inlet temperature.

Note; Not suitable for SA & WA. New model to follow.

Multiple taps

Save on space and costs with the new Billi KwikWash I Series *plus*; one system can run multiple outlets.

Stylish tap options

Select either the Billi wall mounted or bench mounted sensor tap



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Billi KwikWash Specification Guide

| Product Number | Description | Rated Power (kW) | Rated Amps | WELS Rating | Unit Height (mm) | Unit Width (mm) | Unit Depth (mm) | Tap Size (mm) |
|----------------|--|------------------|------------|-------------|------------------|-----------------|-----------------|---------------|
| 960001 | KwikWash I Series Unit | 9.6 | 40 | - | 295 | 210 | 125 | - |
| 960101 | KW I Series <i>plus</i> 1 bench mount tap | 9.6 | 40 | 6 Star | 295 | 210 | 125 | 35 |
| 960102 | KW I Series <i>plus</i> 1 wall mount tap | 9.6 | 40 | 6 Star | 295 | 210 | 125 | 45 |
| 960103 | KW I Series <i>plus</i> 2 bench mount taps | 9.6 | 40 | 6 Star | 295 | 210 | 125 | 35 |
| 960104 | KW I Series <i>plus</i> 2 wall mount taps | 9.6 | 40 | 6 Star | 295 | 210 | 125 | 45 |

Flow rates at 42°C output water temp

| Incoming water temp (°C) | Flow rate (L/m) |
|--------------------------|-----------------|
| 6 | 3.8 |
| 10 | 4.3 |
| 15 | 5.1 |
| 20 | 6.2 |
| 25 | 8.1 |

Water Supply

The KwikWash must only be connected to a cold water supply. A 15mm stop tap is required (not supplied).

Required incoming min flow rate: 1.5L

Supply pressure; max 500kPa.

Inlet Temp Range: 3-42°C

Water Conductivity: 80µS/cm to 800µS/cm plus 15% at 20°C (µS-microSiemens)

Note: Do not use if water conductivity exceeds 800µS/cm

Power Supply

— KwikWash I Series Unit

Billi KwikWash I Series requires hard wiring with single phase 40Amp. Control box requires 10Amp GPO. The dual tap system requires an additional 10Amp GPO.

Frequency: 50Hz

— Sensor Taps

The Billi Sensor taps can be either battery or mains powered. Mains: to be connected to a 240V, 10Amp GPO. Batteries: 240VAC / 6V DC. Requires 4AA batteries. The control box must be fitted no more than 1100mm from the tap. Transformer power supply lead is 1300mm long. All Billi Sensor Taps are supplied with wall plugs and screws.

Certifications

Every Billi KwikWash and sensor tap is manufactured under an ISO9001 certified quality control system. The KwikWash does not require the installation of TMV's and is tested and certified as meeting the requirements of NSW Health*. They have been tested and comply with all required standards: AS/NZS 3498 and AS/NZS 4020; C-Tick approved; Watermark Licence No. 22136; AS/NZS 3500 Section 1.9; AS/NZS 60335.2.35 & IEC 60335.2.35; IP44 rating.

The Billi Sensor tap is manufactured under a certified quality control system and has been tested and comply to Watermark Licence No. 21914; C tick approved; AS/NZS ISO 9001:2000 Certificate No. QEC11627; AS1428 Access for the Disabled; 6 Star Wels Rated.

*Certificate available on request



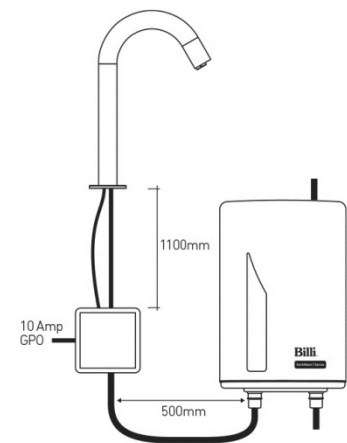
Warranty

All components of the Billi KwikWash I Series system and Sensor taps are covered by a comprehensive 12 month warranty on all parts and labour

Technical Advice

Contact Billi Pty Ltd on 1800 812 321

Installation Layout



Bench mount Sensor Tap



Wall mount Sensor Tap

