

Vandal Proof Anti-Ligature Tap Specification Sheet



Instant boiling
& chilled filtered
drinking water
systems



The Billi safety dispenser has been specifically designed as a solution for critical care applications, such as correctional centres and mental health facilities.

Features and Benefits

- Vandal proof
- Simple push-button operation
- Water-proof operation control panel
- Remote control panel installed away from the tap
- Suited to any existing dual temperature Billi system
- Sophisticated, sleek, clean design to maximise hygiene
- Single case design to prevent risk of self harm
- Ability to separate boiling/chilled control buttons - boiling button can be locked in a secure position
- Remote operation controls cater for those with restricted dexterity

Specifications and guide to standard model selection

Product Code	Model	Initial cup delivery & suggested no. of persons	Boiling water delivery cups per hour	Chilled water delivery cups per hour	Current required amps	Height mm	Width mm	Depth mm
904010VCH	Quadra Compact	20	100	150	13	340	315	365
904040VCH	Quadra 440	40	150	175	13	340	315	465
904060VCH	Quadra 460	60	180	175	13	340	315	465
904100VCH	Quadra 4100	100	250	175	20	340	315	465

Please note: All models come in a range of dispenser options and finishes. The codes shown on this table are for Vandal Proof Anti-Ligature Tap only.

Safety Dispenser Installation Procedure

1. Components

Before commencing ensure you have identified the following components;

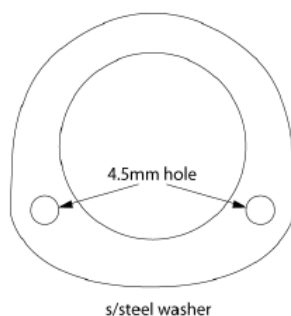
- Tap
- Brass Mounting Shaft
- 2 x M4 x 78mm Threaded Rods
- Brass Locking Nut
- Swivel Bearing
- Stainless Steel Washer
- 2 x M4 Nuts

2. Determine Location

Plan the installation. Keep in mind the dispenser operation buttons must be within 1000mm of the Billi under-counter unit. See Diagrams tap dimensions and counter thickness.

3. Fitting the Dispenser Base for the Prison Tap

- Cut 35mm hole in sink-top or worktop. Remove burr if protruding upwards.
- Place Stainless Steel Washer over 35mm hole to mark and drill 2 x 6mm holes, for the threaded rods to go through the worktop (this is for fixing down the tap).
- Screw the 2 x M4 x 78mm threaded rods into the base of the Tap.
- Thread the Brass Locking Nut up to the Brass Mounting Shaft till it is two or three threads from the top. Slide the Swivel Bearing up the long side of the brass mounting shaft until it reaches the locking nut.
- Place Brass Mounting Shaft with the Swivel Bearing through the hole in the worktop.
- Place Tap over the Brass Mounting Shaft, feeding the red, blue and grey silicon tubes through the Mounting Shaft.
- Screw the M4 Nuts up the smaller threaded rods and tighten until the Tap and Stainless Steel Washer doesn't move.
- Connect red, blue and grey silicon hoses to Billi unit, ensuring hoses are not kinked or sagging.



4. A Fitting the Tap Operation Buttons Proud Mount

- Cut a 70 x 35mm rectangle hole.
- Place Plate with the Tap operations buttons on the worktop over the hole, thread the cables through the hole.
- Using silicon, run a bead (4mm wide) around the plate and then press firmly to the worktop.
- Connect cable with the blue tag to the wiring loom with the blue marking, and the cable to the red tag to wiring loom with the red marking.
- Connect the grey cable to the under-counter unit.
- Do not use for 24 hours to ensure silicon is completely dry.

4. B Fitting the Tap Operation Buttons Flush Mount (recommended in correctional centres)

- Mark out the Stainless Steel Plate using the below template (90mm x 50mm)
- Cut 70 x 35mm rectangle hole in the centre of the marking out.
- Using a router or trimmer cut out a 1mm thick recess to the exact shape of the template marking.
- Place Plate with the Tap operation buttons on the worktop over the hole, thread the cables through the hole.
- Using silicon, run a bead (4mm wide) around the plate and then press firmly to the worktop.
- Connect cable with the blue tag to the wiring loom with the blue marking, and the cable to the red tag to wiring loom with the red marking.
- Connect the grey cable to the under-counter unit.

