

# Raymor Axis Tap

Product Disclosure Information Self-Assessment

Version: V1

<b>Product Name</b>	Raymor Axis Tap
<b>Product Line</b>	RAYMOR AXIS TAPWARE
<b>Product Identifier</b>	(7)710444, (7)710461, (7)710497, (7)710483, (7)710472

## Product description

Axis tapware with individual handles for hot and cold. The range includes a basin tap and bath tap for the bathroom, a laundry conversion set and laundry tap, as well as an exposed wall-mounted sink set for the kitchen.

## Relevant Building Code Clauses

**B2 DURABILITY B2.3.1 (i) and (ii)**

**E3 INTERNAL MOISTURE E3.3.5**

**G12 WATER SUPPLIES G12.3.5, G12.3.7**

**G4 VENTILATION G4.3.3** (Referenced in maintenance requirements)

**H1 ENERGY EFFICIENCY H1.2**

## Contributions to Compliance

**B2.3.1 Durability:** Made from brass and with solid metal handles, the Axis tapware comes with a 5 year warranty including the brass mechanism. The mechanism used in the range is European. The colour finish is from chromium electroplating, which wears well over many years with simple maintenance.

The kitchen sink set comes with 15mm eccentrics in solid brass. Only high quality german flow restrictors from Neoperl are used in the Axis Kitchen Sink Set, which reliably limits flow to 9 litres per minute to achieve the 3 star water efficiency rating under WELS for both mains and low pressure situations.

**E3 Internal Moisture: E3.3.5** The smooth surfaces of the chrome plated Axis tapware are easy to wipe clean thereby minimising mould growth and surface contamination.

**G12 Water Supplies G12.3.5** These fixtures are intended so that 1 of a pair is to supply hot water and the other to supply cold water as required for utensil and personal washing, showering or bathing. Laundering is excluded from this requirement as some washing machines only require cold water to function. In that instance one laundry tap or laundry conversion tap may be used.

**G12.3.7** Each tap delivers sufficient flow for correct functioning under normal conditions.

**H1 Energy Efficiency: H1.2** The Kitchen sink set has a 3 star WELS rating under the Water Efficiency Labelling Scheme, achieved with the use of a high quality german Neoperl pressure compensating aerator (PCA) for mains pressure which limits flow to 9 litres per minute. On low pressure installations, the PCA is not used. The german Neoperl grey flow guide is used instead.

### **Scope of Use**

The Raymor Axis Tapware is intended for residential use. It is suitable for both hot and cold water use, and with mains or low pressure systems with minimum pressures of 35kPa.

### **Conditions of Use**

The Raymor Axis tapware should be installed by a registered plumber following best practice.

**The Kitchen Sink Set** is supplied ready for low pressure environments with a german Neoperl grey flow guide installed. A separate pressure compensating aerator (PCA) is supplied for installation into the aerator for mains pressure situations. This is required to achieve the WELS water efficiency rating of 3 stars. This kitchen set is wall mounted and has inlets which are 150mm apart (centre to centre). Included is a pair of 15mm eccentrics which allow for the hot and cold pipes coming out of the wall to be up to 204mm apart, centre to centre. If this is still not enough, extra long eccentrics can be purchased which allow for centres 265mm apart.

**Bath Taps and Laundry Taps** are exempted under the WELS scheme and are therefore not rated.

**The Basin Tap** is zero rated for mains pressure under WELS, delivering 50 litres a minute when full on. It's low pressure WELS rating is 1 star, delivering 16 litres per minute at 35kPa. This can be advantageous in very low pressure situations.

### **Maintenance Requirements**

Chromium electroplated tapware is amongst the hardest of fixture coatings. However, to keep tapware looking good for longer, avoid using spray cleaners which over time can attack the chrome finish. Instead, wipe regularly using a mild detergent and a soft damp cloth. Then wipe dry with a clean cloth.

To prevent mould growth in the laundry or bathroom, and to increase the life of all the fixtures, install a fan which draws out moisture from the room. To ensure regular use of the fan, you could ask your electrician to link the light switch to the fan. *(This would fulfill obligations under the building code clause **G4.3.3** to remove moisture and pathogens in the air from laundering, showering and bathing.)*

Sometimes debris in the water line can make its way into the aerator at the end of the spout of the kitchen sink set. You might notice the flow pattern become irregular. Simply unscrew the aerator ring, rinse out and reinstall. There are flats on the aerator ring for grip. Most often this can be unscrewed by hand, just with a piece of rubber. If a wrench is needed, still use the rubber to prevent metal-on-metal damage to the aerator

### **Supporting documentation**

The following additional documentation supports the above statements:  
None added.

### **Warnings and Bans**

This product line is not subject to any warning or ban under section 26 of the Building Act 2004.

## Contact details

<b>Manufacture location</b>	New Zealand, China, Italy, Germany
<b>Legal and trading name of manufacturer and importer</b>	AQUATICA NZ LIMITED
<b>Manufacturer/Importer Address for Service</b>	9 Saunders Place, Avondale Auckland 1026
<b>Manufacturer/Importer Website</b>	<a href="http://www.aquatica.co.nz">www.aquatica.co.nz</a>
<b>Manufacturer/Importer NZBN</b>	9429000023962
<b>Manufacturer/Importer Email</b>	<a href="mailto:info@aquatica.co.nz">info@aquatica.co.nz</a>
<b>Manufacturer/Importer Phone Number</b>	09.828.2068

## Building code performance clauses

All relevant building code performance clauses listed in this document:

### B2 DURABILITY

**B2.3.1** *Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for 5 years if **(i)** The *building elements* (including services, linings, renewable protective coatings, and *fixtures*) are easy to access and replace, and **(ii)** Failure of those building elements to comply with the building code would be easily detected during normal use of the building.

### E3 INTERNAL MOISTURE

**E3.3.5** Surfaces of *building elements* likely to be splashed or become contaminated in the course of the *intended use* of the *building* must be *impervious* and easily cleaned.

### G12 WATER SUPPLIES

**G12.3.5** Sanitary fixtures and sanitary appliances must be provided with hot water when intended to be used for a) utensil washing; and b) personal washing, showering or bathing.

**G12.3.7** *Water supply systems* must be installed in a manner that a) pipes water to *sanitary fixtures* and *sanitary appliances* at flow rates that are adequate for the correct functioning of those *fixtures* and *appliances* under normal conditions; and b) avoids the likelihood of leakage; and c) allows reasonable access to components likely to need maintenance; and d) allows the system and any backflow prevention devices to be isolated for testing and maintenance.

### H1 ENERGY EFFICIENCY

**H1.2** *Buildings* must be *constructed* to achieve an adequate degree of energy efficiency when that energy is used for a) modifying temperature, modifying humidity, providing ventilation, or doing all or any of those things; or b) providing hot water to and from sanitary fixtures or sanitary appliances, or both.

### G4 VENTILATION (*only with reference to Maintenance Requirements*)

**G4.3.3** Buildings shall have a means of collecting or otherwise removing the following products from the spaces in which they are generated: **b)** [Moisture] from laundering, utensil washing, bathing and showering and **h)** bacteria viruses or other pathogens.