

Class 1

Aquatica Bath Spouts

Product Disclosure Information Self-Assessment

Version: V1

Product Name	Aquatica Bath Spouts
Product Line	Aquatica Tapware
Product Identifier	<p>Floor Mounted AQ BATHFILLER RND, AQ BATHFILLER SQU,</p> <p>Waterfall BS CUBIST, MI BS FINELINE, BS WATERFALL HOB, BS WATERFALL WALL</p> <p>Pivoting MI BS PIVOT</p> <p>Short Projection BS DIVINA 100, MI BS FINELINE, BS CUBIST BS WATERFALL HOB, BS WATERFALL WALL</p> <p>Standard Reach - 150mm BS DIVINA 150, BS STD DIV, BS STDWALL15, BS STDWALL20, BS XERA150,</p> <p>Longer Reach BS SPAWALL (240mm), BS SPAHOB (190mm), CC BS(180mm), DE BS (190mm), BS XERA200, EII BS (205mm) EM BS (195mm), EG BS (193mm), EN BS (193mm), HX BS (197mm), KD BS (220mm), KD BSMINI (180mm) MI BS (215mm), MI BS PIVOT (220mm), OB BSMINI (170mm) AQ BATHFILLER RND (240mm), AQ BATHFILLER SQU (270mm),</p> <p>With Diverter BS STD DIV</p>

Product description

Aquatica floor mounted, wall mounted and hob mounted bath spouts. One includes a diverter to a handshower. Some pivot out of the way after filling the bath. Listed by type and reach above. Wherever products are available in multiple colours, just one core code is listed.

Relevant Building Code Clauses

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

E3 INTERNAL MOISTURE E3.3.5

G12 WATER SUPPLIES G12.3.2, 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: Aquatica bath spouts carry a 5 year residential warranty, 2 years on the finish if it's a decorative finish other than chrome. **

E3 Internal Moisture: E3.3.5 Any penetrations through the wall lining should be sealed to prevent water ingress into the wall cavity. The smooth surfaces of the spouts are easy to wipe clean thereby reducing mould growth or contamination.

G12 Water Supplies G12.3.2 The spray head on any handshower connected to the bath spout with diverter, must have a double non-return valve installed to prevent back-syphoning of contaminated water through the line and into the main water supply. These are available from Aquatica if required.

G12.3.5 These fixtures are intended to supply hot and cold water as required for personal bathing.

G12.3.7 Each bath spout delivers sufficient flow for correct functioning under normal conditions. Unless the inlets are particularly restricted, all bath spouts are suitable for all pressures.

H1 Energy Efficiency: H1.2 Bath spouts are not rated for WELS, (the Water Efficiency Labelling Scheme), as it is understood that the bath will be filled to its desired depth no matter the flow from the spout.

Scope of Use

The Aquatica Bath Spouts are intended for accommodation and residential use. They are suitable for both hot and cold water use, and with mains or low pressure systems.

Conditions of Use

The Aquatica bath spouts should be installed by a registered plumber following best practice. All penetrations through a wall lining should be sealed to prevent water ingress into the wall cavity.

The spray head on any handshower attached to the Bath Spout with Diverter (BS STD DIV) has the potential to drop into a bath of dirty water. For that reason, it must be installed with a double non-return valve to prevent back-syphoning of contaminated water through the line and into the main water supply. These are available from Aquatica if required.

Aquatica products are designed to operate under pressures from 35kPa for products suitable for low/unequal pressure systems and from 150kPa for products suitable for mains pressure only. The maximum operating pressure is 1000kPa. However, there are 2 things to consider. Firstly, consider that the pressure overnight increases while taps are not being used and can easily spike to well beyond 1000kPa without a pressure limiting device installed. And secondly, consider what the Building Code now requires, shown below.

Building Code Requirement - Pressure

It is now a requirement in the NZ Building Code that the minimum working pressure at any fixture is 30kPa and the maximum static pressure shall be no more than 500kPa.

Building Code Requirement - Temperature

Another Building Code requirement is that the temperature of water at personal hygiene fixtures in a home should not exceed 50°C. 45°C is the maximum in early childhood education and care centres, schools, old people's homes, institutions for people with psychiatric or physical disabilities and hospitals. (For licensing purposes for early childhood education and care centres, the Ministry of Education requires that the temperature of water delivered from taps that are accessible to children should not exceed 40°C.)

Maintenance Requirements

To keep tapware looking good for longer, avoid using spray cleaners which over time can attack the finish. Instead, wipe regularly using a mild detergent and a soft damp cloth. Then wipe dry with a clean cloth. This is especially necessary for decorative coloured tapware.

To prevent mould growth in the 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 bathing or showering.)*

Warnings and Bans

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

Contact details

Manufacture location	New Zealand, China, Germany
Legal and trading name of manufacturer and importer	AQUATICA NZ LIMITED
Manufacturer/Importer Address for Service	9 Saunders Place, Avondale Auckland 1026
Manufacturer/Importer Website	www.aquatica.co.nz
Manufacturer/Importer NZBN	9429000023962
Manufacturer/Importer Email	info@aquatica.co.nz
Manufacturer/Importer Phone Number	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

G12.3.2 A potable water supply system must be a) protected from contamination; and b) installed in a manner that avoids the likelihood of contamination within the system and the water main; and c) installed using components that will not contaminate the water.

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.

****** *The warranties referred to in this document are residential warranties. Commercial warranties can be found as part of Aquatica's full warranty document available at www.aquatica.co.nz.*