



## Water Meters

### BPIR Declaration

Version: V1

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#### Designated building product: Class 1

#### Declaration

Aqualine Trading Limited has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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#### Product/system

Name	Water Meters
Line	
Identifier	Younio

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#### Description

- Water Meter are used in plumbing systems to measure water quantity
- Available in 15mm-10mm
- For measuring consumption of individual apartments
- Brass body or plastic body, optional



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- Brass body can be painted or nickel coated
- Pulse Unit (Reed switch) for remote readout systems
- For horizontal and vertical installation

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## Scope of use

- Pulse Unit (Reed switch) for remote readout systems
- For measuring consumption of individual apartments
- For horizontal and vertical installation

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## Conditions of use

15mm-50mm • Water temperature <50°C (Hot water meter <90°C) • Water pressure <1MPa (PN: 1.6Pa/16bar) • P <0.1 MPa P <0.063MPa (R80/R100)

50mm-100mm (Woltman Dynamic Turbine Meters)

- Water temperature <50°C (Hot water meter <90°C) • Water pressure <1MPa (PN: 1.6MPa/16bar)
- P <0.03MPa

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## Relevant building code clauses

**B2 Durability** – B2.3.1 (b)

**F2 Hazardous building materials** – F2.3.1

**G10 Piped services** – G10.3.1

**G12 Water Supplies** – G12.3.2, G12.3.7

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## Contributions to compliance

- ISO4064:1993 Class B/Class C



- ISO4064:2005 R80/R160
- Hermetically sealed register (IP68)

## Supporting documentation

The following additional documentation supports the above statements:

<b>Single Jet Water Meter (Design)</b>	Version 1	<a href="https://aqualine.co.nz/pages/downloads">https://aqualine.co.nz/pages/downloads</a>
<b>Multi Jet Water Meter (Design)</b>	Version 1	<a href="https://aqualine.co.nz/pages/downloads">https://aqualine.co.nz/pages/downloads</a>
<b>Woltman Dynamic Turbine Meter (Design)</b>	Version 1	<a href="https://aqualine.co.nz/pages/downloads">https://aqualine.co.nz/pages/downloads</a>
<b>Meter Warranty Statement (Warranty)</b>	Version 1	<a href="https://aqualine.co.nz/pages/downloads">https://aqualine.co.nz/pages/downloads</a>

For further information supporting Water Meters claims refer to our website.

## Contact details

<b>Manufacture location</b>	Overseas
<b>Legal and trading name of manufacturer</b>	Younio
<b>Legal and trading name of importer</b>	Aqualine Trading Limited
<b>Importer address for service</b>	7 Winston Place Auckland 0654
<b>Importer website</b>	<a href="http://www.aqualine.co.nz">www.aqualine.co.nz</a>
<b>Importer NZBN</b>	9429051344122



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Importer email

[\[email protected\]](#)

Importer phone number

098372725

## Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that Water Meters is not subject to a warning or ban under [s26 of the Building Act](#).

Signed for and on behalf of **Aqualine Trading Limited**:

Jeff La Haye  
Managing Director  
November 2023

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### AQUALINE TRADING LIMITED

7 Winston Place Auckland 0654 New Zealand  
[098372725](tel:098372725) | [www.aqualine.co.nz](http://www.aqualine.co.nz)



## Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

### BPIR Ready selections

Category: Potable water conveying systems

	Yes	No
Intended for hot water transmission		×
Capable of being permanently concealed		×

### Building code performance clauses

#### B2 Durability

B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (b) 15 years if: those building elements (including the building envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during normal use of the building, but would be easily detected during normal maintenance.



## **F2 Hazardous building materials**

### F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction of buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

## **G10 Piped services**

### G10.3.1

Piping systems shall be constructed to avoid the likelihood of:

- a. significant leakage or damage during normal or reasonably foreseeable abnormal conditions,
- b. detrimental contamination of the contents by other substances,
- c. adverse interaction between services, or between piping and electrical systems, and
- d. people having contact with pipes which could cause them harm.

## **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.

### G12.3.7



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*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.