



1.0 Overview

- a) AquaRise is a solvent welded CPVC piping system design for use in potable water applications including industrial, commercial, high-rise and multi-family residential facilities. AquaRise has a continuous working pressure of 400 psi at 73°F (2.76 mPa at 23°C) and 150 psi at 160°F (1304 kPa at 71°C).
- b) AquaRise piping system is third party listed to the CAN/ULC S102.2 for flame spread and smoke development, and has a rating of 25 or less for flame spread and 50 or less for smoke development.
- c) AquaRise is certified for use in non-combustible construction and is subject to the requirements of the 3.1.5.16(1) of the National Building Code
- d) AquaRise is not permitted for use in vertical shafts.

< STANDARDS / LISTINGS >

CSA B137.6



ULC S102.2

2.0 AquaRise Pipe

- a) AquaRise pipe is manufactured by IPEX Inc. in accordance with the following recognized plumbing standards. AquaRise pipe is tested, certified and listed as compliant to the following standards by an independent and qualified third party testing agency.

CSA B137.6	CPVC Pipe, Tubing, and Fittings for Hot and Cold Water Distribution Systems
NSF-61	Potable Water Listing
- b) AquaRise pipe is designed to Iron Pipe Size (IPS) outer diameters and has a wall thickness with a Standard Dimensional Ratio of 11 (SDR11). This allows for a constant pressure rating throughout all sizes.
- c) AquaRise pipe is available in sizes:
 1/2" (12mm), 3/4" (20mm), 1" (25mm), 1-1/4"(32mm), 1-1/2" (40mm), 2" (50mm), 2-1/2" (65mm), 3" (75mm), 4" (100mm)
- d) AquaRise pipes are provided in 10ft lengths
- e) AquaRise pipes are wrapped in a protective UV resistant material



3.0 AquaRise Fittings

- a) AquaRise fittings are manufactured by IPEX Inc. in accordance with the following recognized plumbing standards. AquaRise fittings are tested, certified and listed as compliant to the following standards by an independent and qualified third party testing agency.

CSA B137.6 CPVC Pipe, Tubing, and Fittings for Hot and Cold Water Distribution Systems

NSF-61 Potable Water Listing

- b) AquaRise fittings have a wall thickness meeting the minimum requirements of a Standard Dimensional Ratio of 11 (SDR11). This allows for a constant pressure rating throughout all sizes.
- c) AquaRise fittings are available in sizes: 1/2" (12mm), 3/4" (20mm), 1" (25mm), 1-1/4"(32mm), 1-1/2" (40mm), 2" (50mm), 2-1/2" (65mm), 3" (75mm), 4" (100mm)
- d) AquaRise fittings are packaged in boxes to protect from UV light and debris.



4.0 AquaRise Valves

- a) AquaRise ball valves are NSF certified to NSF-61 and are approved for potable water applications.
- b) AquaRise ball valves have a maximum pressure rating of 235 psi at 32°F (1.6 mPa at 0°C)
- c) Valves are available in the following sizes: 1/2" (12mm), 3/4" (20mm), 1" (25mm), 1-1/4"(32mm), 1-1/2" (40mm), 2" (50mm)

5.0 AquaRise Cements and Primers

- a) AquaRise CPVC 2 step cement and primer are cNSF listed to CSA B137.6 for use with AquaRise pipe, valves and fittings in potable water applications.
- b) AquaRise CPVC cements and primers are available in pints and quarts.

6.0 Firestopping

- a) When AquaRise CPVC pipe penetrates a rated fire separation a Firestop system tested and listed under ULC CAN4 S115 must be used.
- b) There are numerous manufacturers of Firestopping products suited to and listed for use on hot and cold water CPVC plumbing pipes such as AquaRise. Please consult these Firestop experts for product alternatives, ratings and installation details suited to your construction project.

7.0 Handling, Installation and Field Testing

- a) AquaRise CPVC pipe, valves and fittings shall be handled, installed and field tested in accordance with the handling and installation instructions supplied by IPEX.

