



STANDARDS & LISTINGS



CSA
B137.6



D1784
F442
F438
F439
F1970



NSF 14
NSF 61



ULC S102.2

Refer to our listing on certification agency websites for compliant AquaRISE® products

1.0 Overview

- AquaRISE is a solvent welded CPVC piping system design for use in potable water applications including industrial, commercial, high-rise buildings and multi-family residential facilities. AquaRISE has a continuous working pressure of 400 psi at 73°F (2,758 kPa at 23°C) and 150 psi at 160°F (1,034 kPa at 71°C).
- AquaRISE piping system is third party listed to CAN/ULC S102.2 for flame spread and smoke development, and has a Flame Spread Value (FSV) of 25 or less and a Smoke Developed Value (SDV) of 50 or less.
- 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
- AquaRISE is not permitted for use in vertical shafts.

2.0 AquaRISE Pipe

- 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
- 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.
- AquaRISE pipe is available in sizes:
1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
- AquaRISE pipes are provided in 10ft lengths
- AquaRISE pipes are wrapped in a protective UV resistant material

Products manufactured by IPEX Inc.
AquaRISE® is a trademark of IPEX Branding Inc.

Canada: Websites: ipexaquarise.com / ipexna.com • Toll Free: 866-473-9462



IPEX
Committed to Excellence

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", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
- 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 232 psi at 73°F (1,600 kPa at 23°C)
- c. Valves are available in the following sizes: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"



5.0 AquaRise Cements and Primers

- a. AquaRise One-Step Solvent Cement and Two-Step Solvent Cement and Primer are NSF listed to CSA B137.6 for use with AquaRise pipe, valves and fittings in potable water applications.
- b. AquaRise cements and primers are available in pints, quarts and gallons.

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.