HOT & COLD POTABLE WATER DISTRIBUTION SYSTEMS

AquaRISE®

POTABLE WATER SYSTEMS

- Potable Water System for Commercial, Industrial & High Buildings
- Available in 1/2" to 4" Iron Pipe Size (IPS) diametres
- Continuous working pressure up to 400 psi at 73°F
- SDR 11 is for Hot & Cold and SDR 21 is exclusively for Cold water distribution

We build tough products for tough environments®

IPEX by aliaxis

SAVINGS without compromising PERFORMANCE

AquaRise is a hot and cold potable water distribution system for commercial, industrial and high buildings. With over 15 years' experience as an industry-leading CPVC system, AquaRise offers numerous benefits over metal as a system that's fully-approved for noncombustible applications. AquaRise also comes with technical support and jobsite trouble-shooting, all from one reliable supplier.

AquaRise is ideally suited for hot and cold potable water distribution through mains, laterals and risers.

A SOLID ALTERNATIVE TO METAL

Compare AquaRise to traditional metal systems, and AquaRise proves itself a strong, highly-engineered and affordable improvement. Manufactured tough and robust, AquaRise performs as well as — and in many cases, better than — metal, offering a rugged system that meets all required standards. At the same time, AquaRise costs less than copper, yielding significant project savings. Thanks to its superior durability, these cost savings will pay off even more in years to come. AquaRise's corrosion resistance ensures a longer, maintenance-free life and better performance over the long-term.

AquaRise is also ideal for smaller diameter plumbing applications including laterals, distribution lines and branch lines.

PROJECT SAVINGS

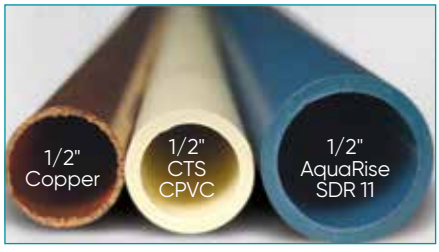
IPEX created AquaRise SDR 11 Hot and Cold Water to be a system that saves valuable time and money on the jobsite. Even greater savings can be achieved by using AquaRise SDR 21 Cold Water which is designed specifically for cold water applications. Its simple solvent cement system makes AquaRise fast and easy to assemble. No product specific training is needed, and no flames or torches are required during installation, reducing jobsite safety risks. In addition, AquaRise sweats less than metal pipe due to its excellent insulating properties. As a result, it can reduce the need for insulation, lowering overall job costs. AquaRise also represents a lower risk of jobsite theft.

Proven strength, competitive price, easy installation — what all this adds up to is significant time and cost-savings for contractors and building owners over the long term.

Transition fittings enable easy connections to other materials for greater job-site flexibility.

ADVANTAGES

AquaRise interior & exterior walls remain smooth in any service condition, unlike metal which, over time, will rust, pit, scale & corrode.



AquaRise inside diameters are on average 22% larger than CTS CPVC systems for better operating flow rates and less pressure loss.

AquaRise comes in a wide range of Iron Pipe Size (IPS) diameters from 1/2" to 4". Standard pipe lengths are 10'.

ENGINEERED SYSTEM PERFORMANCE

✓ BETTER LONG-TERM PERFORMANCE

Unlike metal piping which may pit, scale and degrade over time, AquaRise's rugged thicker walls and excellent corrosion resistance ensure years of consistent flow and maintenance-free performance, even in demanding hot water recirculation applications.

✓ FULLY-CERTIFIED COMPLIANCE

Designed to be safely used in hot and cold potable water distribution systems, AquaRise complies with the following:

- CSA B137.6 (CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems)
- NSF 61 (Potable Water Classification)
- CAN/ULC-S102.2

✓ FULL FLAME & SMOKE LISTINGS

Listed to the CAN/ULC-S102.2 standard, AquaRise achieved a Flame Spread Value (FSV) of not more than 25 and a Smoke Developed Value (SDV) of not more than 50. Unlike competitive products, AquaRise does not need insulation to achieve certification. Ideal for noncombustible applications, AquaRise is Code compliant to the following sections of the National Building Code of Canada:

- High buildings as defined by NBC article 3.2.6
- Air plenums as defined by NBC article 3.6.4.3
- Noncombustible buildings as defined by NBC article 3.1.5.16

✓ PERMANENT JOINING SYSTEM

IPEX supplies high quality CPVC cement, primer and applicators for enabling tough, permanent welded pipe-fitting connections.

✓ ONE-STEP CEMENT KIT

Mandatory for sizes 1/2" – 2"

✓ TWO-STEP CEMENT KIT

Mandatory for sizes 2-1/2" – 4"

For small and large size ranges, BOTH products are certified to CSA B137.6 and listed to NSF 61.

Cements are sold as a kit coming complete with necessary applicators and installation instructions.

SDR 11 HOT & COLD WATER

SDR 21 COLD WATER

SALES AND CUSTOMER SERVICE

IPEX Inc.
Toll free: (866) 473-9462
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ipexna.com

About the IPEX Group of Companies

As leading suppliers of thermoplastic piping systems, the IPEX Group of Companies provides our customers with some of the largest and most comprehensive product lines. All IPEX products are backed by more than 50 years of experience. With state-of-the-art manufacturing facilities and distribution centres across North America, we have earned our reputation for product innovation, quality, end-user focus and performance.

Markets served by the IPEX Group of Companies include:

- Electrical systems
- Telecommunications and utility piping systems
- Industrial process piping systems
- Municipal pressure and gravity piping systems
- Plumbing and mechanical piping systems
- Electrofusion systems for gas and water
- Industrial, plumbing and electrical cements
- Irrigation systems
- PVC, CPVC, PP, PVDF, PE, ABS, and PEX pipe and fittings

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