

GUARDING AGAINST LEGIONELLA: THE HIDDEN DANGERS OF DEAD LEGS IN WATER SYSTEMS



In a compelling and educational episode set to air on 12.08.23, Scaling UP! H2O welcomes **Richard Philip Beckett**, Global OEM Relationship Manager at Global Water Solutions, to shed light on often-overlooked yet potentially perilous aspects of water systems: **Dead Legs and Legionella**.

Amidst the exploration of Legionella awareness, Dead Legs, and preventive measures, the episode issues a resounding call to action. Listeners are implored to become advocates for water safety by initiating conversations about Legionella prevention within their communities. Richard stresses the vital need for individual education on potential risks present in water systems. Moreover, a spotlight is cast on the collective responsibility shared by manufacturers and duty holders to prioritize the installation of **Flow-Thru** devices alongside thermal expansion tanks. This unified commitment is framed as a critical step towards fortifying communities against the often-unseen dangers lurking within water systems. As the episode unfolds, it becomes increasingly clear that safeguarding against Legionella is not merely a personal responsibility but a shared commitment to the well-being of entire communities.

Navigating the Water Safety Landscape, Key Topics Covered:

Embark into the nuanced world of thermal expansion tanks, unraveling their crucial role in managing water pressure during temperature fluctuations in hot water systems. Uncover a prevalent issue of incorrectly connected expansion tanks, a common oversight leading to stagnant water flow, or the development of Dead Legs within the system.

Introducing an innovative solution, the episode sheds light on the **Flow-Thru** device designed to address the challenges posed by Dead Legs in conjunction with thermal expansion tanks. Delve into the functionality of this device, understanding how it autonomously refreshes water in the expansion vessel, thereby minimizing the risk of microbial growth, including Legionella.

Explore the global impact of Legionella-related issues and the escalating demand for preventive measures across various settings. Acknowledge the versatility of Flow-Thru devices, available in different sizes for both residential and commercial applications worldwide.

Delve into the complexities of retrofitting existing systems with Flow-Thru devices and the critical importance of proper installation for optimal functionality. Recognize that this transformative process may entail temporary system isolation and draining, emphasizing its necessity for enhancing water safety in existing buildings.

Join us as we explore the urgency of eliminating Dead Legs, whether by removing abandoned pipes entirely or introducing innovative solutions like the Flow-Thru device. In safeguarding against Legionella, we are not merely addressing water components but fortifying our communities against hidden dangers lurking within our water systems. Stay informed, stay vigilant, and let's collectively drive water safety to the forefront of our consciousness.

The episode will be available on **12.08.23**. To listen, search for "Scaling UP! H2O" on your preferred podcast platform or visit scalinguph2o.com/341



About Global Water Solutions Flow-Thru Products

Global Water Solutions introduces the Flow-Thru™ series, setting a new standard for water quality with maintenance-free pressure tanks featuring a maximum working pressure of 8.6 bar / 125 psi. Available in composite and steel models, these tanks utilize GWS's exclusive patented Flow-Thru technology. By diverting system water into and out of the tank, this innovation ensures constant flushing action, eliminating stagnation and delivering the freshest water quality possible.

Applications span from commercial water supply systems to heating, ventilation, and air conditioning. The tanks, equipped with patented CAD-2 diaphragm technology, undergo rigorous quality testing, offering unmatched anti-stagnation tank quality for constant pressure water systems.

Addressing stagnant water risks in continuous pressure systems, Global Water Solutions presents Flow-Thru™ Inline Adaptors, available in standard and plus versions. Leveraging patent-pending Flow-Thru technology, these adaptors reduce the risk of waterborne bacteria like legionella by diverting water through the tank during operation. The innovative design ensures maximum tank circulation with minimal pressure drop in the main pipe, making these adaptors a superior choice for water safety. For more information visit

www.globalwatersolutions.com

About the Scaling UP! H2O podcast

With over 10,000 monthly downloads and a ranking in the top 3% of all podcasts globally by Listen Notes, Scaling UP! H2O delivers the very best educational content for professionals in the water industry.

For more information on Scaling UP! H2O and to hear episodes, visit scalinguph2o.com. To request an interview or for other inquiries, please contact Executive Podcast Producer, Corrine Drury, at corrine@blackmore-enterprises.com