

ATCM NEWS

COMMON TYPES OF COLD WATER STORAGE TANKS



ASSOCIATION OF
TANK AND CISTERN
MANUFACTURERS

Written by ATCM

THE IMPORTANCE OF HIGH-QUALITY COLD-WATER STORAGE

An inadequate cold-water tank can lead to water contamination, promoting the growth of harmful bacteria such as Legionella. This bacterium is responsible for Legionnaires' disease, a severe form of pneumonia that can be fatal, particularly for vulnerable individuals, including older adults and those with pre-existing health conditions.

Beyond the health risks, poor water storage can result in non-compliance with crucial health and safety regulations, including:

- The Health and Safety at Work Act 1974
- ACOP L8 Code of Practice
- The Control of Substances Hazardous to Health (COSHH) Regulations 2002
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At ATCM Tanks, we understand these risks and our members work diligently to ensure that your water storage systems remain safe, compliant, and efficient in line with our requirements.



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TYPES OF COLD WATER STORAGE TANKS

There are several types of cold-water storage tanks, each with its own benefits and drawbacks. Below, we break down the most common types to help you make an informed decision.

1. GRP (Glass-Reinforced Plastic) Cold Water Tanks

GRP cold water tanks are widely regarded as the best option for water storage. Manufactured using WRAS-approved sectional panels, these tanks are:

- Strong and durable
- Corrosion-resistant
- Customizable in size and shape

Their long lifespan and low maintenance costs make them an excellent investment for any facility. ATCM Tanks' professionals are skilled in the installation and maintenance of GRP tanks, ensuring your water storage remains in peak condition for years to come.

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TYPES OF COLD WATER STORAGE TANKS CONTINUED...

2. Steel Cold Water Tanks

Before GRP tanks became the standard, steel tanks were a popular choice. Steel remains a reliable option due to its durability and strength. Galvanized steel tanks offer enhanced resistance to rust and corrosion.

However, steel tanks require regular maintenance to prevent deterioration. If left unchecked, corrosion can lead to leaks and water contamination. Fortunately, our expert members provide comprehensive repair and relining services. Using WRAS-approved, solvent-free polyurethane coatings, the lifespan of your steel tank can be extended by an additional decade.

3. Concrete Cold-Water Tanks

Concrete water tanks are known for their durability and longevity. When properly maintained, they can last for decades. However, they come with significant drawbacks:

- High initial costs
- Limited customization in size and shape
- Susceptibility to cracking and leakage over time

If your concrete tank is experiencing structural issues, our skilled members can assess and repair any damage to ensure its continued functionality.



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WHY CHOOSE ATCM TANKS?

At ATCM Tanks, our members take pride in our ability to provide expert solutions for all cold-water storage needs. Whether you require a new installation, emergency repairs, or ongoing maintenance, our trained professionals are ready to assist.

- **Comprehensive Services:** From installation to repairs and relining, we cover all aspects of water tank maintenance.
- **Industry Expertise:** Our members have extensive experience across various sectors, ensuring compliance with all relevant safety regulations.
- **Reliable Solutions:** We use only WRAS-approved materials and advanced techniques to guarantee long-lasting results.



Don't compromise on water safety. Contact ATCM Tanks today and let our experts take care of your cold-water storage needs!

**For more information or advice, please email:
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