



Syphon for pressure measuring instruments. AQUA TM

Join us to discover the power of AQUA TM syphons for pressure measuring instruments – an essential component for precision, accuracy and peace of mind.



AQUA®

What is a syphon?



Overview

A syphon is a tube bent into a U-shape, partially filled with liquid to prevent the pressure gauge from getting too hot and damaged in high-temperature applications. Learn about the basic construction of the syphon, and how it works with a pressure gauge.



Wet and dry syphons

A syphon can be wet or dry depending on how they are filled with liquid. In a wet syphon, fluid stays in contact with the sensing elements and the surface of the gauge while in dry syphons, the fluid does not come in contact.



Functions

Discover the uses and advantages of AQUA TM syphons in circumventing high process temperatures that can result in the malfunction of the pressure measuring instruments.



Types of syphons

Different types of syphons available include vertical, horizontal, coiled and U-bent. Each type is purpose-built for ease of use and ideal for different applications.

How does the syphon work with pressure measuring instruments?

Construction

AQUA TM's U-shape syphon mechanism helps to attenuate the heat and vapor pressure process materials. This maintains a steady and reliable reading on the pressure measuring instruments.

Installation

Learn about the easy installation process of AQUA TM syphon, which is compatible with most pressure gauges. Installation of a syphon is crucial to safeguard the pressure gauge from the effects of heat.

Maintenance

AQUA TM syphons have no moving parts which require maintenance leading to lower long-term maintenance costs for industries.

AQUA syphons types



90 degree-Shape syphon

The most common type, purpose-built to provide the best accuracy and ideal for a wide range of applications, including high-temperature processes up to 200°C.



Coiled syphon

A versatile syphon that is suitable for use in media temperatures ranging from 130°C to 200°C. The coil design provides more flexibility and better vibration resistance.



Vertical syphon

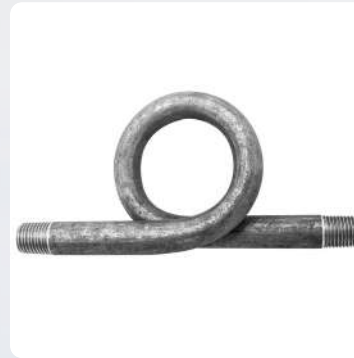
Vertical syphons are ideal for use in applications where space limitations or vertical orientation is needed. They can withstand media temperatures of up to 200°C.

Benefits of using the AQUA TM syphon



Accuracy

The unique design of AQUA TM syphons ensures that the pressure measuring instrument remains accurate even during extreme temperature conditions.



Durable

The AQUA TM syphon made with corrosion-resistant materials, which make them ideal for use in harsh environments. It's a safe and long-lasting solution for user peace of mind.



Efficient operation

By using AQUA TM syphons, energy consumption in plants can be reduced with efficient temperature management, leading to potentially significant energy and cost savings.



Easy to install

AQUA TM syphons can be easily installed and significantly reduce maintenance costs. It's a hassle-free installation process compatible with any pressure gauge.

Common applications of the AQUA™ syphon

Pharmaceutical industry

AQUA™ syphons are widely used in pharmaceutical manufacturing plants to maintain accurate and reliable pressure measurements under high temperature and pressure.

Food and beverage industry

The hygienic design of AQUA™ syphons makes them perfect for use in the food and beverage industry, where precision pressure gauges are a crucial part of the production process.

Petrochemical industry

The petrochemical industry is another essential area where AQUA™ syphons are frequently used to maintain accurate readings and safeguard the calibration of equipment employed.



Conclusion and Q&A session

Thank you for learning about the essential role of AQUA™ syphons in maintaining accurate

Contact Us

Our team is always available to assist you with any questions or concerns you may have. Whether you need help with product selection, installation, or maintenance, we are here to help. You can reach us by phone, email, or through our website. We take pride in providing exceptional customer service and look forward to hearing from you.

Contact information

+7-812-313-63-03

www.gazpribor.com

