

**Douglass**

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# TRI COCKS - BRASS

## Why should I choose Douglass Tubular Level Gauge Valves:

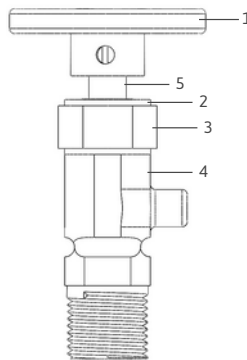
Douglass valves are the perfect choice for customers seeking durable, high-quality valves. With superior design and precise manufacturing, our valves are crafted to meet the highest industry standards. We offer a single type of valve that is versatile and suitable for a wide range of applications.

## What is a Douglass tricock valve?

Douglass tricock valves are essential components used in steam boilers from various manufacturers, functioning as manual water level indicators. Strategically installed at three distinct heights on the water column (low, middle, and high), these valves enable operators to accurately assess the water level within the boiler. By sequentially opening each tricock, the operator can observe whether water or steam is released, providing a clear indication of the internal water level. This straightforward yet effective method ensures a reliable check of the boiler's water level, maintaining it within safe operational limits. As a vital backup to automatic water level controls, Douglass tricocks offer an additional safety measure, mitigating the risks associated with low water conditions, such as overheating or potential boiler failure.

## Installation:

Proper installation of Douglass tricock valves is critical for ensuring accurate water level readings and optimal safety in steam boilers. Begin by selecting appropriate installation points at low, middle, and high positions on the boiler's water column. Securely mount each tricock valve to ensure a tight seal, preventing any leaks. Ensure the valves are aligned correctly and free from obstructions to allow clear visibility of water or steam discharge. Finally, test each tricock for proper operation and verify that all connections are secure. Proper installation guarantees reliable manual water level monitoring and enhances the overall safety and efficiency of the steam boiler system.



## Parts and available materials:

Item	Part name	Material options
1	Handle	Aluminum
2	Tubular Gasket	EPDM / Zytan
3	Tightening Nut	Brass
4	Body	Brass
5	Stem	Brass

## Maintenance:

Proper maintenance of Douglass tricock valves is crucial for reliable performance in steam boilers. Regularly inspect for wear, corrosion, and damage, replacing any compromised parts. Operate each valve periodically to ensure smooth operation and clean the openings to prevent blockages. Lubricate moving parts as needed and perform routine pressure tests to confirm durability. Consistent maintenance ensures accurate water level monitoring and safe boiler operation.