

Cast Iron Wafer Check Valve for Water Treatment

This API 594 class 150LB cast iron wafer type double disc swing check valve is designed for water treatment applications. Its wafer type design allows for easy installation between flanges and the double disc swing mechanism ensures reliable backflow prevention.



Product Overview

Dual Flap Wafer Check Valve

This API 594 Class 150LB wafer type check valve is engineered specifically for water treatment applications, featuring a dual-flap design that minimizes flow restriction. The twin spring-loaded discs ensure rapid response to flow changes, providing positive shut-off against backflow while preventing slamming. Its compact, lightweight construction allows for easier installation and smaller face-to-face dimensions compared to conventional swing check valves.

Technical Specifications

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|-----------------|--------------|
| Size Range | DN40 - DN800 |
| Pressure Rating | Class 150LB |
| Design Standard | API 594 |

Materials

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|-----------------------|--|
| Body Material Options | Cast Iron GG25, Ductile Iron GGG40, Stainless Steel 304, Stainless Steel 316 |
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Compatibility

Supported Flange Standards

- DIN
- ANSI
- JIS
- BS

Key Features

Performance Highlights

150 LB

Pressure Class

800 DN

Max Size (DN)