

FALCON WATERFREE HPKV VS. WHIFFAWAY WATER WARRIOR™ PRODUCT COMPARISON PERFORMANCE, MAINTENANCE & ODORS

Falcon Waterfree Technologies is the plumbing industry leader in water conservation technology. For over 15 years, we have provided the world with the best, market-leading, patented urinal technologies. We are dedicated to understanding the our customers' needs and providing ever-evolving best in class technology to meet these needs.

Our new High Performance Key Valve (HPKV) is unlike any other dry valve in the market, helping to: eliminate restroom odors, provide the most robust flow rate, make maintenance and clean up easier, and provide a more hygienic solution in your restroom. With the HPKV we usher in the future of water conservation technology in the restroom.

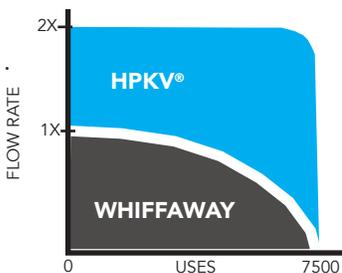


HEAD-TO-HEAD PRODUCT COMPARISON FALCON HPKV & WHIFFAWAY

ODOR-PREVENTING TECHNOLOGY

- Our HPKV cartridge features a patent-pending Bell Valve that contains ribs specifically designed to withstand pressure from the back migration of sewer gases.
- Our HPKV technology has undergone extensive third party and in-market testing with no observed performance issues.

SUPERIOR DRAINAGE FLOW RATE



- Our HPKV cartridge has shown almost 2 times faster drainage flow rate compared to Whiffaway under internal testing, allowing us to convert flushing urinals to function waterfree with timed flushes for clean-out

MAINTENANCE MADE EASY

- Our Key Ring technology can be coupled with our HPKV cartridge to provide a visual cue indicating when to change out your cartridge.



SEE HOW IT WORKS →

HOW IT WORKS FALCON HPKV CARTRIDGE

Ribbed Bell Valve

Our HPKV features a **distinct patent-pending Bell Valve** with **internal ribs**.

When **liquids pass** through our Bell Valve the **valve deflects to open, snapping back** into place **when the liquids pass**.

The valve retains **excellent sealing against any sewer gas back migration**, helping to block out odor.

MORE ROBUST TECHNOLOGY

Our patent-pending Bell Valve provides optimal performance for the duration of valve life span - resulting in better long term functionality for our customers.



RETROFIT CAPABLE

Our **High Performance Key-Valve®** features a drastically faster flow capacity, creating a better user experience and allowing the valve to be used in urinals that flush on a timed basis without overflowing.

2X FASTER FLOW RATE

Our **High Performance Key-Valve®** technology provides more than twice the flow rate of competitor cartridges, see our testing report for full information.

SIGNIFICANT
REDUCTION IN
CO₂ FOOTPRINT



CUES YOU WHEN TO REPLACE

Our patented Key-Ring® technology dissolves with use, providing a visual signal that helps you know when your cartridge needs to be changed, making maintenance easier.

HOW IT WORKS WHIFFAWAY WATER WARRIOR

Kinked Sealing Membrane

The Whiffaway Water Warrior cartridge features a kinked vertically sealing membrane that has been tested to show remarkably slower flow rates, in fact 2 times slower, compared to our HPKV.

This bend or kink in the Whiffaway valve can be susceptible to stiffening throughout use and can result in the slower flow, observed in testing.

