

FALCON WATERFREE **HPKV** VS. SWISS INVENT **ECONSTOP**
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 in doing so, our product is always evolving to provide new and exciting 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.

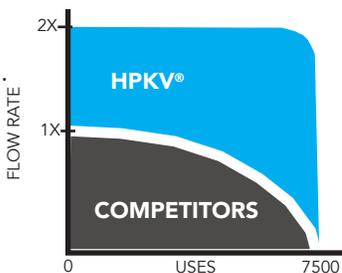


HEAD-TO-HEAD PRODUCT COMPARISON
FALCON HPKV & ECONSTOP

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 3rd party testing and has been tested in-market for over a year with no observed performance issues.

SUPERIOR DRAINAGE FLOW RATE



- Our HPKV cartridge has shown superior drainage flow rate compared to all tested competitors, 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 noting when to change out your cartridge.



swiss invent®



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 ECONSTOP

Pleated Valve

When **liquids pass through the folds** of the pleated valve it can **cause product failure** which can **allow sewer gases to back migrate** into the restroom.

Under several **independent tests**, we have found the **pleated valve to fail** against the back migration of sewer gases.

Several of our **customers** approached by Swiss Invent have **reported in-market product failure** with the Econstop valve.

