

# Replacement Cartridge for Falcon Waterfree Urinals



The patented, sealed cartridge is the heart of the Falcon Waterfree urinal system and is more effective than a standard P trap as a barrier between drain line odors and the open air. The cartridge design is the result of extensive research and development initiatives, which have produced the most advanced technology available for zero-water consumption urinals systems.

## Description

The cartridge is installed into the housing in the base of Falcon Waterfree urinals and is compatible with all Falcon Waterfree urinal models. The cartridge acts as a funnel, allowing liquid from the bowl to flow into the cartridge. Liquid waste passes through an immiscible layer of biodegradable sealant liquid within the cartridge and continues through a siphon trap system. A discharge tube in the housing directs the flow of waste into the building drain system. The cartridge is designed as a replaceable component when its function has been exhausted. An O-ring and patented bayonet tabs lock the cartridge into the urinal housing and provide an airtight seal that is tamper resistant.



100% compatible with all Falcon Waterfree urinals

## Specifications

Compatibility	Compatible with all models of Falcon Waterfree urinals.
Life cycle	Average of 7,000 uses.
Trap seal	Liquid trap seal meets or exceeds IPC, UPC, and NSPC model codes. Mechanical-free design.
Odor barrier	Dual barrier system consist of biodegradable sealant liquid within the cartridge, an O-ring seal, and patented bayonet locking mechanism providing an air-tight installation of the cartridge into the urinal and odor free operation.
Sealant liquid	Pre-measured pack of biodegradable sealant liquid is provided with the cartridge.
Tamper-resistance	Cartridge is installed into the urinal housing with patented bayonet locking mechanism. Cartridges can only be removed with a Falcon-provided installation key.
Maintenance	Cartridge requires no maintenance during the normal life cycle and sealant liquid never needs to be replenished. When the cartridge reaches the end of its life cycle, it is simply replaced (approximately 2 to 3 times per year). The process of replacing the cartridge takes 3 to 5 minutes and requires no tools.
Material	Recyclable ABS.
Nominal dimensions	4.625 x 3.875 inches (18 x 10 cm)
Approximate weight	6 ounces (170 grams)

## Cartridge Kit Includes

- Sealed cartridge
- Cartridge change key
- Disposal bag
- Pre-measured liquid sealant pack
- Instructions (English and Spanish)
- Plastic gloves

## Benefits

- Reduced water and sewer costs
- Eliminate flush valve maintenance
- Odor-free operation
- Saves 40,000 gallons of water annually
- Improved hygiene and safety
- Water supply piping not required
- Easy installation and replacement
- Reduction of 720 pounds of CO<sub>2</sub> annually

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