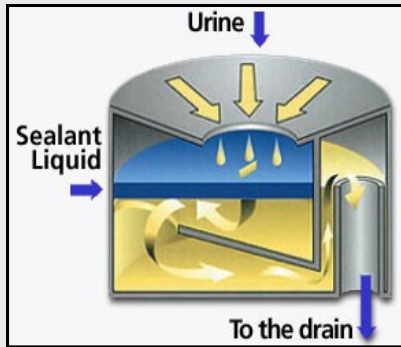


Waterless Urinals

Waterless urinals are designed to work in areas where pressurized water cannot be found or water restrictions prevent the use of a standard flush valve urinal. The unique design of the waterless urinal cartridge eliminates the need for water after use and traps unwanted gases preventing odor or organic build up as in a standard urinal. This eZtip will explain how a waterless urinal functions, tips for selection and maintenance.



There are several waterless urinal cartridges proprietary to the urinal brand they work in. All have the same concept to function as a waterless device. When the urinal is used, urine is directed into a collection area in the center of the cartridge as shown in the image to the left.

Inside the collection area of the cartridge, a sealant liquid remains at the top of the opening. This sealant layer allows the urine to pass through it, keeping urine blocked underneath so sewer gases and urine odors cannot escape into the restroom.

Once the collection area of the cartridge has filled to a designated point an internal trap directs the urine to an outlet, letting it flow into the drain line and out of the urinal cartridge.

Selection

Similar to the standard water flushing urinals waterless come in many styles, colors and brands. Selecting a waterless urinal is based on preference of style and usage. Checking the usage amount of the cartridge before selecting a urinal is best to ensure the amount of uses between cartridge changes is reasonable for your restroom.



Connection

Waterless urinals do not use water to remove urine, but they do still require a drain. Most urinals connect to the waste pipe with either a 2" or 1-1/2" threaded connection. Waterless urinals come with an integrated 2" connection and can be reduced to 1-1/2" with a reducer bushing. Waterless urinals can be easily mounted in place of existing water flushing urinals, and are great to use in applications where storage of waste water is required.

Cartridge Maintenance

Depending on the manufacturer of the waterless urinal there may be a specific tool needed to change the cartridge. As well as maintenance products to clean the urinal and refresh the liquid sealant. Manufacturer specifications will come with your cartridge or urinal suggesting which products to use. Depending on the model urinal you purchase the cartridge uses range from 2,000-10,000.



Cleaning a waterless urinal is the same as a standard water flush model, however it is not necessary to flush the urinal with water after cleaning. Several manufacturers have spray cleaners that save time and water, and are designed specifically for use on waterless urinals.



Information sources include W. W. Grainger, Sloan, Waterless No-Flush Urinal, American Standard

If you are still having difficulty choosing a Waterless Urinals,
please contact us at askzoro@zoro.com or 855-289-9676

Product Compliance and Suitability.

THE PRODUCT STATEMENTS CONTAINED IN THIS EZTIP ARE INTENDED FOR GENERAL INFORMATIONAL PURPOSES ONLY. SUCH PRODUCT STATEMENTS DO NOT CONSTITUTE A PRODUCT RECOMMENDATION OR REPRESENTATION AS TO THE APPROPRIATENESS, ACCURACY, COMPLETENESS, CORRECTNESS OR CURRENTNESS OF THE INFORMATION PROVIDED. INFORMATION PROVIDED IN THIS EZ TIP DOES NOT REPLACE THE USE BY YOU OF ANY MANUFACTURER INSTRUCTIONS, TECHNICAL PRODUCT MANUAL OR OTHER PROFESSIONAL RESOURCE OR ADVISER AVAILABLE TO YOU. ALWAYS READ, UNDERSTAND, AND FOLLOW ALL MANUFACTURER INSTRUCTIONS.

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