

Commercial toilet parts vary in many ways from a residential toilet. Using the information in this guide will help to select the correct part for your toilet and flush valve repairs. Before selecting the correct part find the toilet or flush valve brand and model number. When installing a new toilet and flush valve it is best to check local codes for selecting the correct items for installation and GPF (Gallons Per Flush) compliance in your area.

Flush Valve Selection for new installation will depend on your preference for manual or automatic sensor flushing. After selecting the style of flush valve next determine your flushing capacity. Some areas have a maximum flushing restriction which will limit your options. It is best to check local ordinances before selecting your valves (Gallons Per Flush) GPF rating.



Manual Flush Valves will have handle or push button to operate the flushing action. Manual valves can be used on urinals as well as toilets and require no batteries or sensor connection.



Automatic Flush Valves use a proximity sensor that activates when a person steps away from the fixture. This sensor activates a solenoid that triggers the flushing action. Automatic valves will require batteries or a separate sensor connection to operate.



Concealed Flush Valves are used in correctional settings or in areas where the plumbing can be hidden for design purposes. Concealed valves operate with an external sensor that indicates when a person has stepped away from the fixture similar to an automatic valve.

Urinal Selection is based on whether you prefer washout or wash down, siphon jet or blow out bowl style.



Wash Out or Wash Down urinals release water through ports in the top of the urinal or on the side of the lower bowl to clean the urinal and remove waste water.



Siphon Jet urinals use a concentrated stream of water to fill the lower bowl portion of the urinal and create a siphon action through the p-trap.



Blowout style urinals have a hole at the entrance to the trap that jets water through, thus creating an instant suction. Noisiest of the three styles but the most aggressive flush.



Commercial Toilet Bowls should be ADA compliant and rated within your local water restriction codes. Toilets come in several different mounting styles and should be selected by which best suits your local plumbing requirements and installation needs.



Wall Mount toilets do not touch or mount to the floor but directly to the wall and have a rear outlet for the drain connection.



Floor Mount toilets bowl are bolted to the toilet flange at the base and connected to the drain underneath the toilet.



Floor Mount with rear outlet toilet bowls can take the place of a wall hung toilet. The toilet will bolt to the flange underneath the base but also at the wall to seal the rear outlet drain connection like a wall hung toilet.

Commercial toilet bowls are available in Siphon Jet, Blow Out and Wash Down flushing styles similar to urinals.

Information sources include: W.W. Grainger, Sloan, American Standard, Eljier

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

Product Compliance and Suitability.

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