

Commercial Flush Valve Parts

Cover

Screws down over the diaphragm and fill plate to compress pieces for a sealed watertight connection.

Body

One piece consisting of inlets and outlets for water and the threaded handle, cap and vacuum tube connection.

Handle Coupling

This is a threaded nut with a center opening to slide over the handle and thread onto the body of the valve.

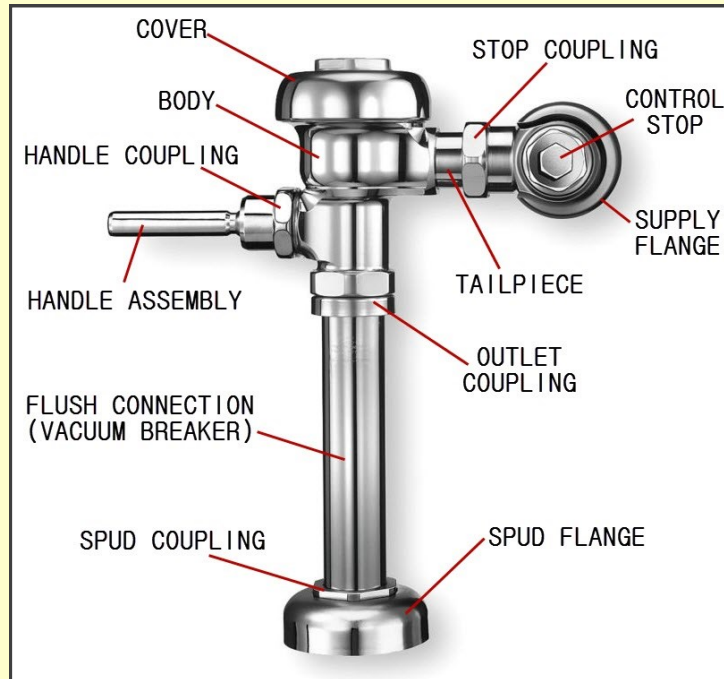
Handle Assembly

To activate the flush valve the handle assembly connects into the valve body and dislodges the plunger with a stub at the end. This creates a vacuum allowing water to flow through the valve

until the pieces are realigned sealing off the water flow and stopping the flush.

Flush Connection

This tube houses the vacuum assembly and connects the valve body to the threaded spud top and the toilet or urinal. Typically used with an outlet coupling and a gasket to seal the connection



Spud Coupling and Spud Flange

Spud couplings are the connection from the flush connection vacuum tube to the urinal itself, and are often sealed with a gasket or plumbers putty. This connection is often covered by the spud flange for a more appealing appearance.

Control Stop and Supply Flange

Located where the water line exits the wall and contains a slotted or keyed brass valve in the front. By turning the keyway valve, water can be shut off when the flush valve needs servicing. These are often installed with a supply flange to cover the wall opening behind the control

stop for a more appealing appearance.

Outlet Coupling and Tail Piece

The tail piece and outlet coupling connect either side of the main body of the valve to the wall valve with the water supply and to the vacuum outlet tube for flushing.

Spud Coupling

The images to the right are common spud couplings for urinals. Your existing spud coupling might be an older style installed with plumbers putty instead of the rubber gasket. It may also look and seal slightly different. It is always best to check for the manufacturer recommended spud coupling. If manufacturer info is not available to select the correct spud coupling you must know the size of your spud connection inlet pipe. Typically they are available in 3/4" - 1.5" which is determined by the flush connection tube size.



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

Information sources include W.W. Grainger, Sloan

Product Compliance and Suitability.

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