22 40 00 Plumbing Fixtures
Revision 01/04/2019

**Purpose:**
The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard’s section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

1. **Fixtures**
   a. Rice University prefers American Standard fixtures with Chicago Faucet trim.
   b. All Restroom Water Closets and Urinals shall have automatic Flush Valves
      i. Automatic flush valves: AA-Battery back units preferred. Automatic flush valves to have integrated battery recharging feature such as light harvesting or mechanical charging turbine.
      ii. Water Closets are to be single flush or dual flush not exceeding flush volume of 1.28 gallons per flush.
         a. Architect will request direction from Rice Project Manager.
         b. Automatic flush operation is acceptable, as long as the 1.28 gallons per flush is maintained.
      iii. Urinals are to be 1 pint per flush, or 0.5 gallons per flush.
         1. Waterless urinals are not permitted.
   c. All Restroom Sinks shall have automatic faucets with preset timer.
      i. AA-Battery back units preferred. Automatic faucets to have integrated battery recharging feature such as light harvesting or mechanical charging turbine.
   d. Water fountains with integrated bottle-filling stations should be considered.