

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.