



Water Management takes many factors into consideration when deciding which toilet and seal connection is best for each project.

- Rough-in – The distance from the wall to the floor bolts on the flange. There are normally three rough-in sizes 10”, 12”, and 14”. The standard or most common is the 12” rough-in.
- Footprint – The coverage of the base of the toilet on the floor. This consideration can be a major factor for retrofit projects (covering up the old footprint), but may be of no concern in new construction.
- MaP Testing – Independent lab testing: scores toilets on their ability to flush simulated waste. Toilets are given a score in grams (volume) on how much waste that they are able to flush.

For a listing of toilet test scores, refer to the MaP (Maximum Performance Testing) report that can be found at the link below. We do not install toilets that score less than 600 grams.

<http://www.map-testing.com/downloads.html>

- Durability of Interior Parts – The durability or useful life of the interior parts can be a major concern for water conservation projects. Parts that fail in the first two years will negate savings. When possible, we prefer Fluidmaster OEM fill valves and flapper seals made of silicone.
- Availability – Product availability can cause issues for projects. Back orders cause delays. When product can be obtained or delivered locally, as with Ferguson or Home Depot, some of the logistical problems become easier.
- Packaging – It becomes a major problem when product arrives broken or damaged. Replacement product can cause delays, and returning damaged product for credit costs valuable man hours. Preferred toilets are packaged more securely.

Below is our list of tank-type toilets that we have used most often on toilet retrofit projects in the past year, in alphabetical order.

American Standard Cadet Pro 1.28 gpf

10" rough-in is accomplished with tank dimensions as opposed to bowl.

Ease of installation – good footprint coverage and solid tank-to-bowl contact with provided tool

Best in class packaging of their bowls and tanks – very few breakages if any, out of the box

Available in any combination of round, elongated, or comfort height, and 10", 12", 14" rough-ins

Carried nationwide – easier to have onsite deliveries

Superior flushing ability



Niagara Stealth 0.8 gpf

Most efficient toilet on the market today

New superior flush valve seal- durable and single-layer

Great flushing ability for the least volume -
Can be adjusted to use 0.95 gpf

Ease of installation – good footprint coverage

Comes standard as a comfort height

Flush button on top or traditional side handle

Good packaging - few breakages if any, out of the box

