

# Rough-In Dimensions for Toilets

The standard rough-in size for a toilet is 12 inches in contemporary houses and 10 inches in older homes. These are the toilet rough-in dimensions:

- Supply line (vertical): 8 1/4 inches of height to accommodate most base moldings
- Supply line (horizontal): 6 inches maximum to either side of the toilet centerline
- Discharge/drain hole from back wall: 12 1/2 inches, providing enough space to install the toilet
- Discharge/drain hole from back wall (vertical): Zero distance (drain located at floor height)
- Fixture (side to side buffer): 15 inches clearance from finished sidewall, sink or another object
- Fixture (front buffer): 21 inches minimum clearance, 30 inches recommended

**Pro Tip:** When measuring from an unfinished wall, be sure to include the finished wall's thickness. A 12-inch toilet rough-in distance with a 1/2-inch wall to be installed means a total distance of 12 1/2 inches.

**No calculations necessary and no names on this page. Draw a diagram that illustrates the critical measurements for installing the plumbing lines for a toilet.**  
Imagine your illustration will be included in a local building code book used by framers, plumbers, and building inspectors.