

# INSTALLATION INSTRUCTIONS

*American Standard*

## MADERA 16-1/2" HEIGHT FLUSH VALVE FLOOR MOUNTED TOILETS

### Model 3461, 3462, 3463, 3464, 3465, 3466

 Meets the American Disabilities Act Guidelines and ANSI A117.1 Requirements for the Physically Challenged

Thank you for selecting American Standard – the benchmark of fine quality for over 100 years. To ensure this product is installed properly, please read these instructions carefully before you begin. (Certain installations may require professional help.) Also be sure your installation conforms to local codes.

**⚠ CAUTION: PRODUCT IS FRAGILE. TWO PEOPLE ARE RECOMMENDED FOR HANDLING TO AVOID BREAKAGE AND POSSIBLE INJURY!**

NOTE: For proper operation product requires a minimum of 30 psi working line pressure

### RECOMMENDED TOOLS AND MATERIALS

Putty Knife

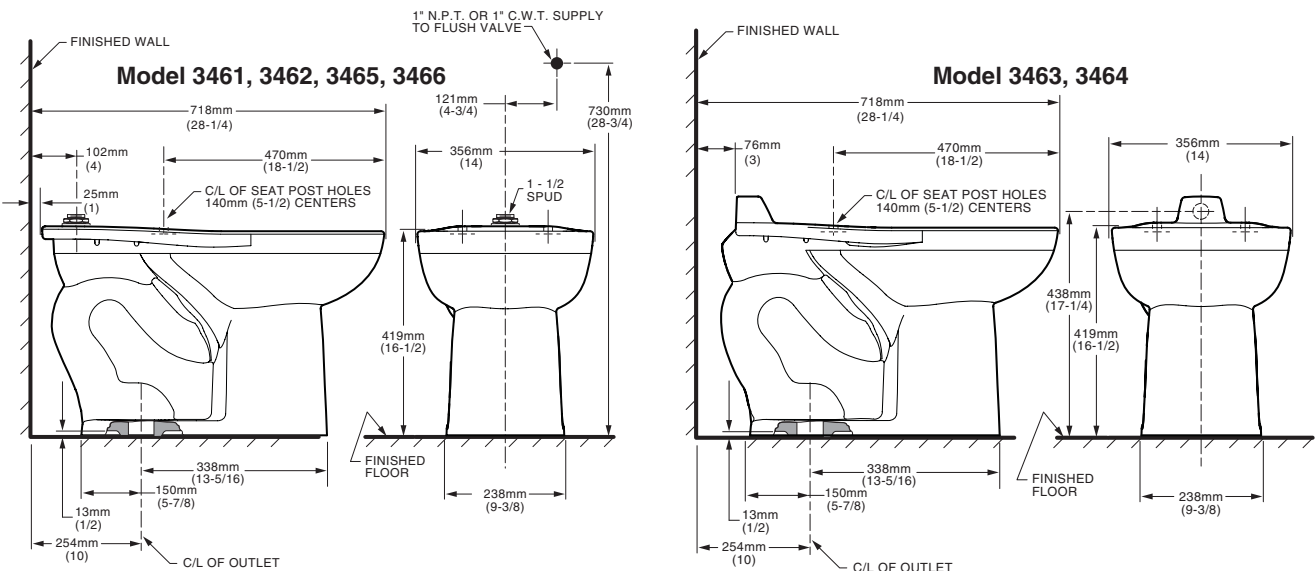
Regular Screwdriver  
Adjustable Wrench

Sealant  
Tape Measure

Carpenters Level  
Flush Valve

SAVE FOR FUTURE USE

**1** Pictures may not exactly define contour of china



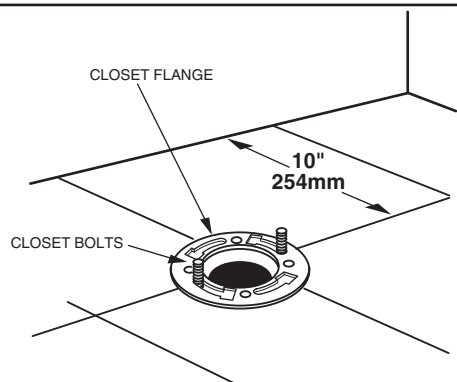
**Model 3461, 3462, 3465, 3466**

- FINISHED WALL
- 718mm (28-1/4)
- 102mm (4)
- 25mm (1)
- 470mm (18-1/2)
- C/L OF SEAT POST HOLES 140mm (5-1/2) CENTERS
- 121mm (4-3/4)
- 1" N.P.T. OR 1" C.W.T. SUPPLY TO FLUSH VALVE
- 730mm (28-3/4)
- 356mm (14)
- 1 - 1/2 SPUD
- 419mm (16-1/2)
- FINISHED FLOOR
- 338mm (13-5/16)
- 150mm (5-7/8)
- 13mm (1/2)
- 254mm (10)
- C/L OF OUTLET
- 238mm (9-3/8)

**Model 3463, 3464**

- FINISHED WALL
- 718mm (28-1/4)
- 76mm (3)
- 470mm (18-1/2)
- C/L OF SEAT POST HOLES 140mm (5-1/2) CENTERS
- 356mm (14)
- 438mm (17-1/4)
- 419mm (16-1/2)
- FINISHED FLOOR
- 338mm (13-5/16)
- 150mm (5-7/8)
- 13mm (1/2)
- 254mm (10)
- C/L OF OUTLET
- 238mm (9-3/8)

**2**



CLOSET FLANGE

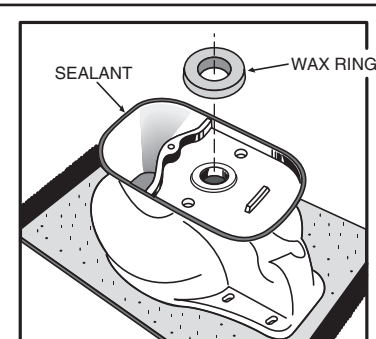
10" 254mm

CLOSET BOLTS

**INSTALL CLOSET BOLTS**

Install closet bolts in flange channel, turn 90°, and slide into place 6" (152 mm) apart and parallel to wall.

**3**



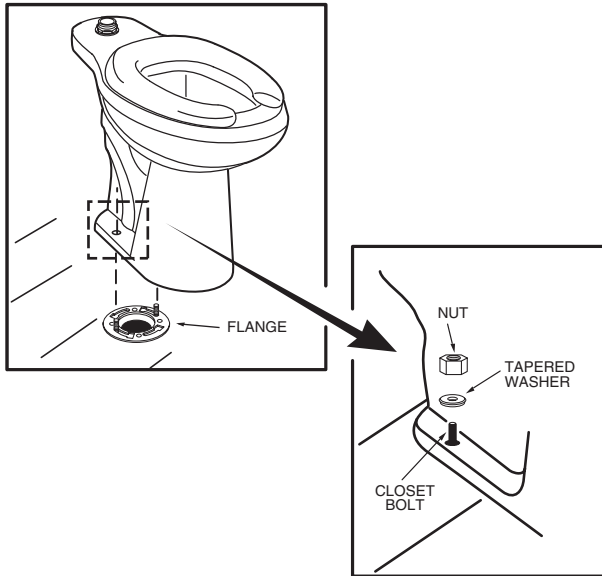
SEALANT

WAX RING

**INSTALL WAX SEAL**

Invert toilet on floor (cushion to prevent damage), and install wax ring evenly around waste flange (horn), with tapered end of ring facing toilet. Apply a thin bead of sealant around toilet base.

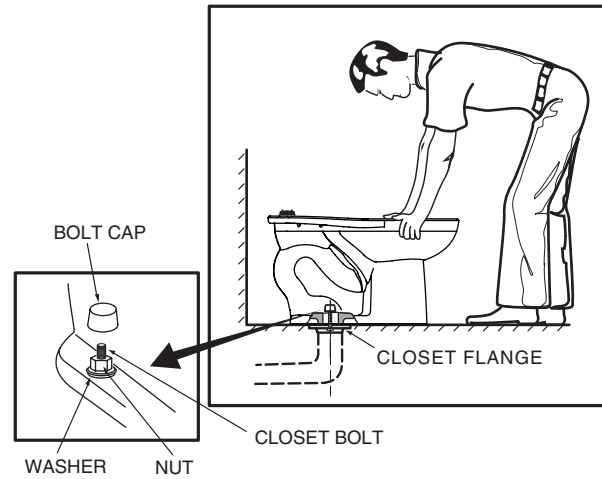
4



#### POSITION TOILET ON FLANGE

- Unplug floor waste opening and install toilet on closet flange so bolts project through mounting holes.
- Loosely install retainer washers and nuts. Side of washers marked "THIS SIDE UP" *must* face up!

5



#### INSTALL TOILET

- Position toilet squarely to wall and, with a rocking motion, press bowl down fully on wax ring and flange. Alternately tighten nuts until toilet is firmly seated on floor.



**CAUTION:**  
DO NOT OVERTIGHTEN NUTS  
OR BASE MAY BE DAMAGED!

- Install caps on washers. (If necessary, cut bolt height to size before installing caps.)
- Smooth off the bead of sealant around base. Remove excess sealant.

### AMERICAN-STANDARD ONE-YEAR LIMITED WARRANTY

If inspection of this American-Standard plumbing product, within one year after its initial installation, confirms that it is defective in materials or workmanship, American-Standard will repair or, at its option, exchange the product for a similar model.

This warranty **does not apply** to local building code compliance. Since local building codes vary considerably, the purchaser of this product should check with a local building or plumbing contractor to insure local code compliance before installation.

This warranty **shall be void** if the product has been moved from its initial place of installation; if it has been subjected to faulty maintenance, abuse, misuse, accident or other damage; if it was not installed in accordance with American-Standard's instructions; or if it has been modified in a manner inconsistent with the product as shipped by American-Standard.

American-Standard's option to repair or exchange the product under this warranty does not cover any labor or other costs of removal or installation, **nor shall American-Standard be responsible for any other incidental or consequential damages attributable to a product defect or to the repair or exchange of a defective product, all of which are expressly excluded from this warranty.** (Some states or provinces do not allow the exclusion or limitation of implied warranties, so this exclusion may not apply to you.)

This warranty gives you specific legal rights. You may have other statutory rights that vary from state to state or from province to province, in which case this warranty does not affect such statutory rights.

For service under this warranty, it is suggested that a claim be made through the contractor or dealer from or through whom the product was purchased, or that a service request (including a description of the product model and of the defect) be sent to the following address:

**In the United States:**  
American Standard Inc.  
P.O. Box 6820  
Piscataway, New Jersey 08855  
Attention: Director of Consumer Affairs

For residents of the United States, warranty information may also be obtained by calling the following toll free number: (800) 442-1902  
[www.americanstandard-us.com](http://www.americanstandard-us.com)

**In Canada:**  
American-Standard  
2480 Stanfield Road  
Mississauga, Ontario  
Canada L4Y 1S2

Toll Free: (800) 387-0369  
[www.americanstandard.ca](http://www.americanstandard.ca)

**In Mexico:**  
Customer Service Manager  
Ideal Standard, S.A. de C.V.  
Via Morelos #330  
Col. Santa Clara  
Ecatepec 55540 Edo. Mexico  
[www.americanstandard.com.mx](http://www.americanstandard.com.mx)