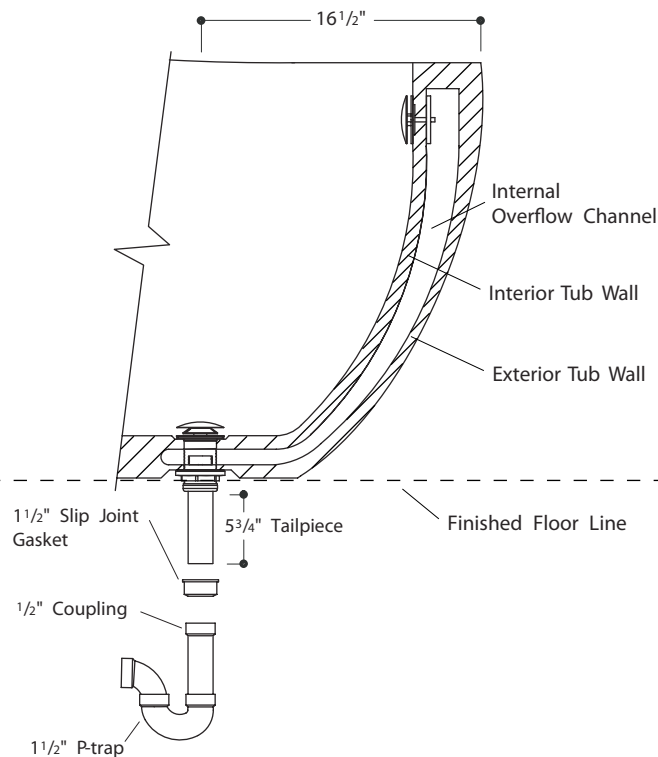


WWDR04**.25 Bathtub Cross Section****IMPORTANT:**

Immediately after receiving the bathtub and removal of packing, you **MUST** inspect the unit for freight damage. Any claims for damage, whether apparent or hidden, must be made to the carrier immediately in order for them to assume all associated costs. Should inspection reveal any defect in the finish, do not install the bathtub. Damage or defect to the finish claimed after the bathtub is installed is excluded from the warranty. The warranty **DOES NOT** cover labor or materials to remove or reinstall the bathtub.

- ▶ Tub template is available: WWPBT25
- ▶ To ensure this product is installed properly, you must read and follow these guidelines.
- ▶ The owner/user of the bathtub must keep this information for future reference.
- ▶ All final connections are made below the finished floor. Accessibility below the finished floor is recommended:
 - ▶ For installations that have access from below the finished floor, trap adapters can be used instead of the slip joint gasket supplied.
 - ▶ For installations where access from below the finished floor is limited, i.e. slabs, the the slip joint

gasket supplied are required.

- ▶ Be sure your installation conforms to all codes.

WASTE AND OVERFLOW ROUGH-IN:**NOTE:**

A. This drain fits a tub that has an internal overflow channel built **INSIDE** the wall of the tub which is similar design and function as a lavatory sink. There is not a drain shoe that is common on standard tub drains.

B. This drain does not use a cable or trip lever system to operate the drain stopper. Instead, it uses a simple pop-up drain that is closed and opened by pushing down on the stopper.

1. Clean the drain hole area in the bathtub in preparation of setting the drain. The area should be dry and free of any debris and oil.
2. Cover the floor with a pad or other protective material and gently rest the tub on its side to allow for drain and overflow assembly.
3. Dry fit the drain assembly.
 - a. Place the drain collar(6) into the drain opening.
 - b. Slide the lower gasket(8) onto the drain collar; thread on the locking nut(9) then attach the tailpiece(10-12).
4. Determine the placement of the tub then mark the floor at the center point of the drain opening.
5. Drill a hole through the floor to accommodate the drain.
6. Rough in 1 1/2" DWV (not supplied). Assure all DWV pipe and fittings are well supported to eliminate the possibility of shifting.
7. **IMPORTANT:** Make sure the 1 1/2" hub is close enough to the finished floor so the 5 3/4" tail piece can be installed securely.

FOR INSTALLATIONS THAT HAVE ACCESS FROM BELOW THE FINISHED FLOOR:**WASTE AND OVERFLOW INSTALLATION**

NOTE: For installations that have access from below the finished floor, trap adapters can be used instead of the slip joint gaskets supplied.

These guidelines have been prepared for the professional contractor to aid in the installation of:
.25WASTE AND OVERFLOW (WWDR04)

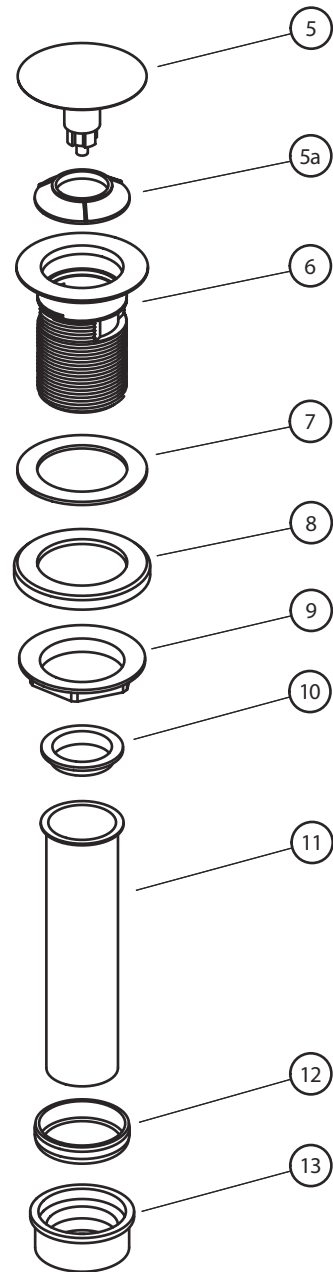
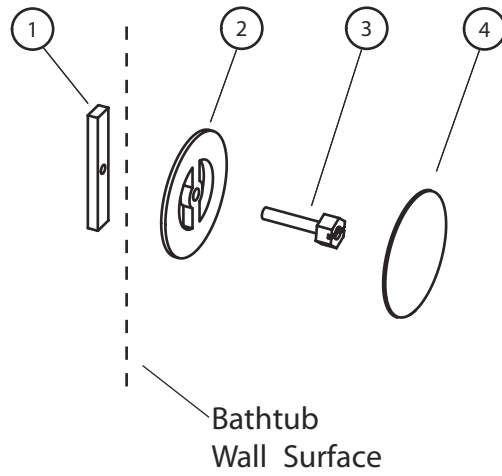
6/05

All dimensions are based on original specifications and are subject to change and variation. Please consult your Design Associate for current specifications.

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.25 Waste and Overflow	Installation Guidelines
8. Cover the floor with a pad or other protective material and gently rest the tub on its side to allow for final drain and overflow assembly. 9. Unthread the stopper (5,5a) from the drain collar then slide the gasket (7) onto the collar then insert it into the drain opening. A bead of clear adhesive silicone around the drain collar can be applied instead of the gasket. 10. Apply a generous bead of silicone to the drain collar and surrounding area on the underside of the tub. Secure the collar using the gasket (8) and locking nut (9) provided. Make sure the gasket is positioned so it's flat side contacts the underside of the tub then tighten the lock nut. 11. Insert the overflow assembly (1-3) into the overflow hole. Refer to drawing attached. 12. Tighten the screw (3) to secure the overflow assembly then thread the cover (4) onto the screw. Adjust the screw as needed so the Waterworks logo is horizontal. 13. With the drain attached, position the tub so the drain passes through the hole in the floor.	19. Apply a generous bead of silicone to the drain collar and surrounding area on the underside of the tub. Secure the collar using the gasket (8) and locking nut (9) provided. Make sure the gasket is positioned so it's flat side contacts the underside of the tub then tighten the lock nut. 20. Insert the overflow assembly (1-3) into the overflow hole. Refer to drawing attached. 21. Tighten the screw (3) to secure the overflow assembly then thread the cover (4) onto the screw. Adjust the screw as needed so the Waterworks logo is horizontal. 22. Install the tailpiece (11) using the nylon washer (10) and nut (12) provided. Do NOT over tighten. 23. Dry-fit the slip joint gasket into the 1 ½" hub then measure the distance from the finished floor to the slip joint gasket to make sure the tailpiece will fully insert into the slip joint gasket. Cut the tailpiece as needed and remove the slip joint gasket
WASTE AND OVERFLOW CONNECTIONS (BELOW THE FLOOR) 14. Install the tailpiece (12) using the tailpiece nylon washer (10) and nut (12) provided. Do NOT over tighten. 15. Dry fit the remaining DWV pipe connections to the proper dimensions. Using the 1 ½" slip joint gasket (13) provided, connect the tailpiece to the hub. 16. Go to Step # 24. <u>FOR INSTALLATIONS WHERE ACCESS FROM BELOW THE FINISHED FLOOR IS LIMITED, I.E. SLABS:</u> WASTE AND OVERFLOW INSTALLATION 17. Cover the floor with a pad or other protective material and gently rest the tub on its side to allow for final drain and overflow assembly. 18. Unthread the stopper (5,5a) from the drain collar then slide the gasket (7) onto the collar then insert it into the drain opening. A bead of clear adhesive silicone	WASTE AND OVERFLOW CONNECTIONS (BELOW THE FLOOR) 24. Apply clear adhesive silicone to the outside of the slip joint gasket then insert it into the 1 ½" hub (drain) then apply clear adhesive silicone to the inside of the slip joint gasket. Note the silicone will act as a lubricant then act as a seal when it cures. 25. With the drain and tailpiece attached, position the tub so the tailpiece passes through the hole in the floor and slides into the 1 ½" drain hub as shown. FINAL INSPECTION: 26. Fill the tub with water to the point where water enters the overflow opening. Drain the tub while inspecting all connections above and below the flooring for leaks. 27. Run a bead of tub and tile caulk around the bottom edge of the tub where it meets the floor. Wipe away any excess caulk with a wet paper towel. 28. Cover the bathtub surface with a bathtub liner or other form of protection until construction is completed. ► If further assistance is required, please contact Product Support at 1-800-927-2120 (8am-7pm EST)

	Installation Guidelines
WARNING: The following basic safety precautions should always be followed when using your bathtub. ▶ Caution should always be exercised when entering or leaving the bathtub. ▶ DANGER: To reduce the risk of injury, do not permit children or persons with a disability to use the bathtub without close supervision. ▶ Keep all electrical appliances such as radios and hairdryers a safe distance from the bathtub. ▶ Do not use the bathtub when sleepy or drowsy, under the influence of alcohol or prescription medications or when overheated.	
6/05	These guidelines have been prepared for the professional contractor to aid in the installation of: .25WASTE AND OVERFLOW (WWDR04) All dimensions are based on original specifications and are subject to change and variation. Please consult your Design Associate for current specifications.
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.25 Waste and Overflow		Care and Warranty	
CARE AND CLEANING The lustrous finish on your fitting or fixture should be treated with care. Improper handling or cleaning can damage the surface of any finish and void the warranty. Ebony is a very durable wood species..To clean the finish, wipe gently with a soft, damp cloth and then with a soft, dry towel. A mild soap solution can be used for daily cleaning.THE USE OF UNAUTHORIZED POLISHES, ABRASIVE CLEANERS, SOLVENTS, AMMONIA-BASED PRODUCTS, OR ACID BASE CLEANERS MAY DAMAGE THE FINISH AND WILL VOID THE WARRANTY. Water contains lime and other minerals that are deposited after the water has evaporated.You can prevent deposits from forming by always wiping the fitting dry after use. In addition to the aforementioned care instructions, the following points are specific to certain finishes or products only. Always read and follow the instructions when using any cleaning or polishing products. NON-METAL TUBS In addition to mild soap and water, a non-abrasive basin tub and tile cleaner is recommended for regular cleaning and disinfecting.The use of any other cleaners or disinfectants may alter the surface finish and void the warranty. WHIRLPOOL AND AIRTUB SYSTEMS Jet Fresh whirlpool cleaning solution is recommended for maintaining waterways. ANTIQUED COPPER AND BRASS Select Waterworks fittings and basins are offered in finishes that have been artificially weathered, creating a patina that will develop and change with time. In addition to mild soap and water, a natural citrus-based product may be used for regular cleaning.The use of any other cleaners or disinfectants may alter the surface finish and void the warranty.Please note that prolonged contact with certain items such as toothpaste, acidic fruits and vegetables, and wines will alter the surface finish.Also, the use of polishing agents will remove the patina and restore the metal to its original shine. Once removed, the patina will naturally redevelop with time. ARCHITECTURAL BRONZE In addition to mild soap and water, a natural citrus-based product may be used for regular cleaning.The use of any other cleaners or disinfectants may alter the surface finish and void the warranty.Please note that prolonged contact with certain items such as toothpaste, acidic fruits and vegetables, and wines will alter the surface finish. Also, the use of polishing agents will remove the finish. CHINA, CERAMIC AND PORCELAIN Do not use abrasive cleaners, as this will dull the surface finish. A non-abrasive basin tub and tile cleaner is recommended for regular cleaning and disinfecting.The use of any other cleaners or disinfectants may alter the surface finish and void the warranty. CHROME In addition to mild soap and water, a non-abrasive basin tub and tile cleaner is recommended for regular cleaning and disinfecting.The use of any other cleaners or disinfectants may alter the surface finish and void the warranty. Cape Cod Polishing Cloths may be used for the occasional polishing. If you desire additional protection, the use of Faucet Brite will aid in protecting the surface finish from mineral deposits present in your water supply.This should be reapplied as necessary to continue protection. MATTE NICKEL, LUMIN AND GOLD In addition to mild soap and water, a non-abrasive basin tub and tile cleaner is recommended for regular cleaning and disinfecting.The use of any other cleaners or disinfectants may alter the surface finish and void the warranty.Also, the use of polishing agents will remove the finish. If you desire additional protection, the use of Faucet Brite will aid in protecting the surface finish from mineral deposits present in your water supply.This should be reapplied as necessary to continue protection. NICKEL In addition to mild soap and water, a non-abrasive basin tub and tile cleaner is recommended for regular cleaning and disinfecting.The use of any other cleaners or disinfectants may alter the surface finish and void the warranty. Cape Cod Polishing Cloths may be used for the occasional polishing.The use of any other polishing agents will remove the finish and void the warranty. If you desire additional protection, the use of Faucet Brite will aid in protecting the surface finish from mineral deposits present in your water supply.This should be reapplied as necessary to continue protection. SILVER Fittings offered in a silver finish will tarnish with age.This finish may be restored to its original luster by using Faucet Brite or a non-abrasive silver polish.This should be reapplied as necessary to continue protection. Faucet Brite will also help to prolong the time between regular polishing. UNLACQUERED BRASS AND COPPER Items purchased in the unlacquered brass and copper finishes will change with time as they develop a natural patina.The original shine can be restored using Faucet Brite or an appropriate polishing compound. If you desire additional protection, the use of Faucet Brite will aid in protecting the surface finish from mineral deposits present in your water supply and prolong the time between regular polishing .This should be reapplied as necessary to continue protection.		WARRANTY LIMITED LIFETIME MECHANICAL WARRANTY: Waterworks warrants to the initial purchaser all plumbing and accessory products sold by Waterworks, which are installed in a residence to be used in a residential application, to be free from manufacturing defects in materials and workmanship for as long as the purchaser continues to own and maintain the residence where the products are initially installed. FIVE-YEAR FINISH WARRANTY: Waterworks warrants to the purchaser the finish of all plumbing and accessory products sold by Waterworks, which are installed in a residence to be used in a residential application, to be free from manufacturing defects in materials and workmanship for a period of five years from installation of the products. Waterworks must receive notice of any warranty claim within the five-year warranty period. REPAIR OR REPLACEMENT: If within the applicable warranty period the covered products shall be proved to the satisfaction of Waterworks to be defective, Waterworks will repair or replace such products, at its expense (provided that such repair or replacement shall not include installation costs).Waterworks' obligation shall be limited to such repair and replacement and shall be conditioned upon Waterworks' receiving notice of any alleged defect within the applicable warranty period. Purchaser shall be responsible for all shipping charges for returned products. LIMITATIONS ON WARRANTY COVERAGE: The warranties set forth above shall be extended only to the purchaser and do not apply to any purchaser where the products are used for commercial applications and usage. Furthermore, the warranties do not cover installation or any other labor charges and do not apply to: (i) products which have been repaired, altered or modified in any way by purchaser or any person other than Waterworks or not using original Waterworks spare parts, unless previously authorized in writing by Waterworks; (ii) products which have not been installed, used, maintained or stored in accordance with the instructions provided to purchaser by Waterworks; (iii) products which have been used for purposes other than or in a manner contrary to their intended and normal use; (iv) products which have been damaged as a result of misuse, negligence, freezing, accident or faulty installation or maintenance; and (v) products damaged by the effects of dirt, salt water air, hard water, limescale, or abrasive or aggressive cleaners. If the normal life span of any product is shorter than the applicable warranty period, the warranty shall apply only during the period of such shorter life span. NOTICE OF WARRANTY CLAIMS: For all warranty claims please call Waterworks Product Support at 800-927-2120, or write to Waterworks Product Support at 60 Backus Avenue, Danbury, Connecticut 06810. The warranties provided herein are conveyed only to the purchaser of products sold by Waterworks after January 1, 2000, and installed in a residential application. Except as specifically set forth above, Waterworks does not make any other warranty, express or implied, including without limitation, any implied warranty of merchantability or fitness for a particular purpose. In no event shall Waterworks be liable to any person or entity for any indirect, special, incidental or consequential damages or loss (including damages for loss of business, loss of profits, or the like), whether based on breach of contract, tort (including negligence), product liability or otherwise, even if it has been advised of the possibility of such damages. Waterworks' liability on any claim of any kind, including negligence, shall in no case exceed the contract price paid by the purchaser for the product claimed to be defective or unsuitable.	
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