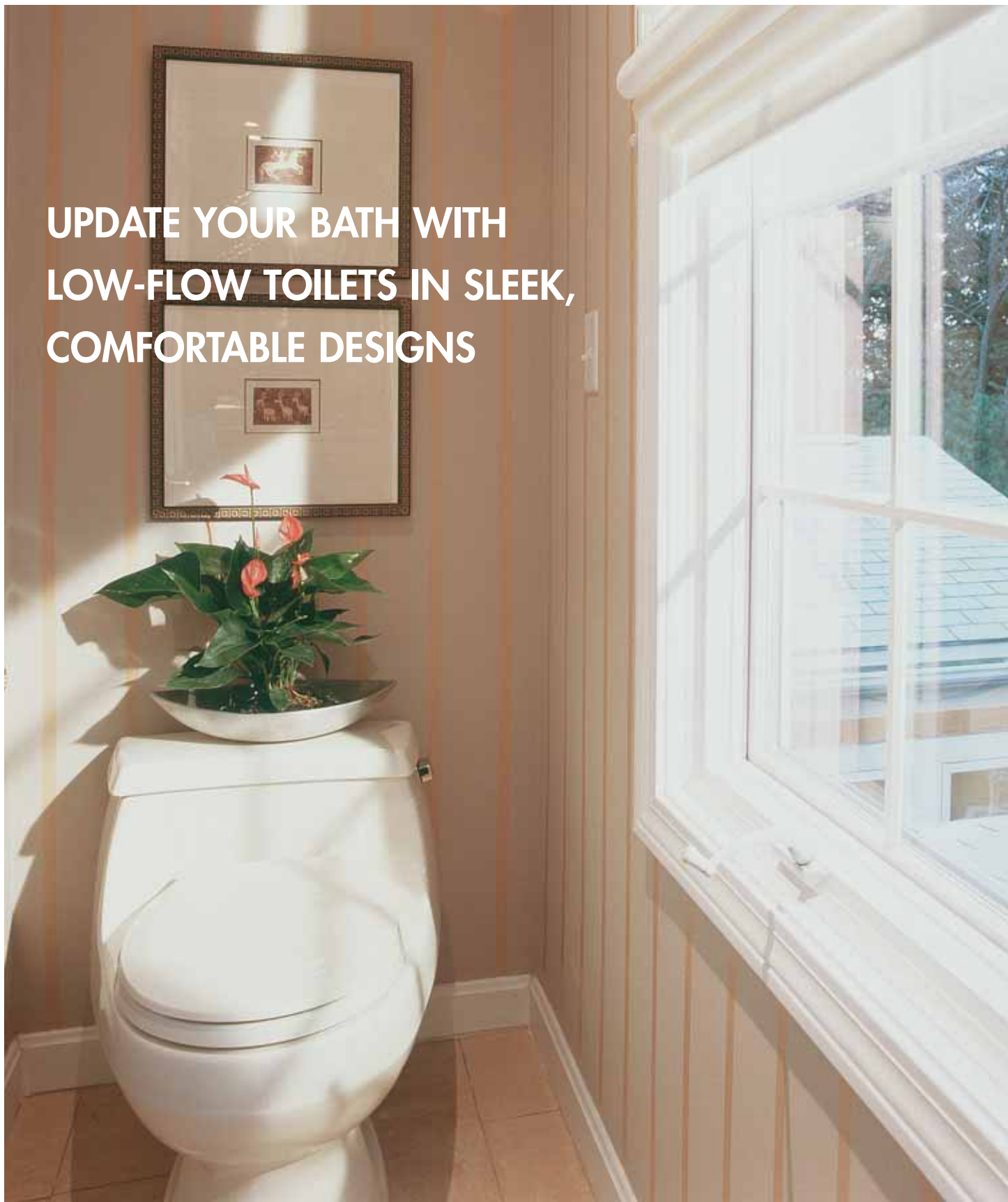




LEARN HOW

UPDATE YOUR BATH WITH
LOW-FLOW TOILETS IN SLEEK,
COMFORTABLE DESIGNS



PROJECT KNOW-HOW

A new low-flow, high-performance toilet can modernize your bathroom and conserve water usage, saving up to \$100 a year on your water bill. Higher seats and elongated bowls provide maximum comfort. Compact elongated bowls fit into tighter spaces. Before installing, make sure to measure the amount of clearance you'll need between the toilet and the wall behind it to connect to the water line. The steps shown here are for a two-piece toilet. First you install the bowl, then the tank.

SKILL SCALE

Medium

TIME REQUIRED

You can install a toilet in about 2 hours.

MATERIALS

Wax ring and sleeve
Plumber's putty
Floor bolts and mounting nuts
Toilet
Toilet seat

TOOLS

Ratchet wrench and sockets
Adjustable wrenches
Screwdriver

INSTALLING A TOILET

STEP 1

START WITH THE BOWL

Turn the new toilet bowl upside-down, and put a new wax ring and sleeve over the drain horn. Press it down firmly to seat the ring. If the ring has a paper cover, remove it.



STEP 2

POSITION THE BOWL OVER THE FLANGE

Make sure the toilet flange is clean and the floor bolts point straight up. Carefully position the toilet over the flange and fit the holes in the toilet base directly over the floor bolts.



STEP 3

TIGHTEN THE BOWL

Press down on the toilet bowl to compress the wax ring, making a tight seal. Attach the washers and the nuts to the floor bolts, and tighten them with an adjustable wrench. (Note: Don't over-tighten; the base may crack!) Attach the trim caps.



STEP 4

INSTALL THE TANK

On some tanks, you'll have to install the handle ballcock and flush valve. Then turn the tank upside-down and set the big spud washer over the tailpiece of the flush valve.



STEP 5

POSITION THE TANK

Position the tank upright on the toilet bowl, centering the spud washer over the water inlet opening near the back edge of the bowl.



STEP 6

ALIGN THE TANK & BOWL

There are two or three holes in the bottom of the tank that need to line up with matching holes on the top of the bowl. Shift the tank gently until holes match, then put a rubber washer on each of the tank bolts and set the bolts through the holes with the bolt heads on the inside of the tank.



STEP 7

ATTACH WASHERS & NUTS

From underneath the bowl, attach the washers and the nuts to these bolts. Tighten them with a ratchet wrench or basin wrench until snug; but remember, don't over-tighten!



STEP 8

CONNECT TO THE SHUTOFF VALVE

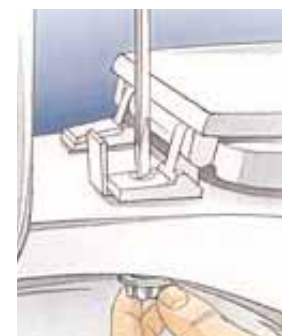
Cut supply tubing to fit between the shutoff valve and the toilet tank. Attach the line to the valve first, then to the ballcock tailpiece. Tighten the coupling nuts with adjustable wrenches until they're snug. Hold the ballcock while tightening the coupling nut. Turn on the valve to fill the tank.



STEP 9

MOUNT THE TOILET SEAT

Your last task is to mount the toilet seat. Set the seat bolts into the toilet's mounting holes, screw the mounting nuts onto the seat bolts, and tighten them by hand. (Note: toilet seats are usually not included with the toilet.)



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