

American Standard

FLUSHING SYSTEMS

Champion® 4
Cadet® 3
FloWise®
AquaForce®



AMERICAN STANDARD FLUSHING SYSTEMS

UNRIVALED PERFORMANCE.

That's what you can expect with a toilet from American Standard. Our superior engineering begins with the outlets and flush valves that are the largest in the industry. But our unparalleled craftsmanship doesn't stop there. We're constantly improving our products to work harder—and smarter. Like adding EverClean® surface to inhibit

the growth of stain- and odor-causing bacteria, mildew and mold on the surface of our Champion® 4, Cadet® 3, and FloWise® toilets. And creating Speed Connect® system components that reduce installation time by 30%. Then we back it all up with some of the best warranties available. Maybe that's why American Standard is the industry leader in flushing systems that are made to perform.

	Flush Valve Diameter	Published Outlet Diameter	Map Testing*
American Standard Champion 4	4"	2-3/8"	1000g
Kohler Cimarron	3-1/4"	2-1/8"	800g
American Standard Cadet 3	3"	2-1/8"	1000g
American Standard FloWise	4"	2-1/8"	700g
Toto Drake	3"	2-1/8"	900g
Eljer Titan	3"	2-1/8"	1000g
Kohler Wellworth	2"	1-7/8"	250g
Toto Dalton	2"	2-1/8"	650g
Toto Carusoe	2"	1-7/8"	650g

CHAMPION® 4 FLUSHING SYSTEM — VIRTUALLY CLOG-FREE. No other flushing system can match the capabilities of this one. With the industry's largest 4" Accelerator™ Flush Valve and 2-3/8" trapway, your customers will never have to use the plunger again—and you won't need to worry about callbacks.

CADET® 3 FLUSHING SYSTEM — A CLEAN, RELIABLE FLUSH. This system offers a smarter design for higher performance. It's been engineered for a stronger, more reliable flush, which means fewer clogs and happier homeowners.

EverClean® Surface	Speed Connect®	Chinaware Warranty	Tank Trim Warranty
Standard	Standard	10 Years	10 Years
N/A	N/A	1 Year	1 Year
Standard	Standard	5 Years	5 Years
Standard	Standard	10 Years	10 Years
N/A	N/A	5 Years	1 Year
N/A	N/A	Lifetime	1 year
N/A	N/A	1 Year	1 Year
N/A	N/A	5 Years	1 Year
N/A	N/A	5 Years	1 Year

FLOWISE® FLUSHING SYSTEM — FORCEFUL YET FRUGAL. This high-efficiency toilet uses just 1.28 gallons per flush, yet delivers a cleaner, more powerful flush than traditional 1.6 gpf toilets and dual-flush toilets, saving 20% on water.

AQUAFORCE® FLUSHING SYSTEM

By combining the natural force of flowing water with a precision-engineered, low-consumption bowl, this system offers reliable, all-around performance.

THE CHAMPION® 4 FLUSHING SYSTEM

Flushing systems just don't get any better than this. Our Champion 4 Flushing System features the industry's largest flush valve and outlet, producing a faster, more powerful (yet more quiet) flush. You may never have to use a plunger again.



ENGINEERED TO PERFORM

This flushing system is engineered to do more and do it better.

MORE POWER IN

The larger valve opening (4") of the Champion 4 pushes water into the bowl three times faster than a standard 2" flush valve. That's also one-third faster than a 3 1/4" flush valve and almost twice as fast as a 3" flush valve.

MORE VOLUME OUT

The wide-open, fully-glazed 2-3/8" trapway can move a 40% larger mass than a 2-1/8" trapway can, and an almost 70% larger mass than the industry-standard 2" trapway can.

A INDUSTRY'S LARGEST FLUSH VALVE—4"

The 4" Accelerator™ Flush Valve with piston action allows water to flow into the bowl from 360 degrees for a faster flush (under a second). It helps keep the bowl clean and eliminates streaking.

B INDUSTRY'S LARGEST SIPHON OUTLET—2-3/8"

At 2 3/8", it's the industry's largest, fully-glazed siphon outlet, with no choke points. The powerful water jet is perfectly positioned to remove everything in the bowl with just one flush.

C EVERCLEAN® SURFACE

This surface inhibits the growth of stain- and odor-causing bacteria, mold and mildew on the surface.

10-YEAR WORRY-FREE® WARRANTY*

Covers everything for residential and commercial installations, including china and tank trim, inside and out.

THE CADET® 3 FLUSHING SYSTEM

This system features a smarter design that delivers higher performance and fewer clogs—all at a great price. What's more, its easy-to-clean design makes it ideal for medium- to high-use bathrooms.



A EXTRA-WIDE 3" FLUSH VALVE

The larger, chemical-resistant flush valve allows more water to enter the bowl faster, creating a cleaner flush. The 3" flapper is rigid plastic so it won't warp or distort like ordinary flappers. The 3" opening allows water to flow into the bowl over 80% faster than a standard 2" flush valve.

B 2-1/8" SIPHON OUTLET

With a larger diameter than the industry standard, this fully glazed siphon outlet features no choke points and a 2" ball pass to help prevent clogging. It can move a 60% larger mass than a standard 2" outlet can.

C EVERCLEAN® SURFACE

This surface inhibits the growth of stain- and odor-causing bacteria, mold and mildew on the surface.

5-YEAR WARRANTY*

Covers everything inside and out for total confidence.

* For more information on our 5-Year and 10-year Limited Warranties, visit www.americanstandard-us.com.

THE FLOWISE® FLUSHING SYSTEM

This system delivers a forceful yet frugal flush that uses 20% less water than standard 1.6 gpf toilets, making it ideal for people who want to conserve water—and save money—with every flush.



A 4" FLUSH VALVE

A high-flow 4" Accelerator™ Flush Valve (same tank trim as the Champion® 4) pushes water into the bowl 3 times faster than a standard 2" flush valve, releasing the full 1.28 gallons in under one second.

B 2-1/8" SIPHON OUTLET

With a larger diameter than the industry standard, this fully glazed siphon outlet features no choke points and a 2" ball pass to help prevent clogging. It can move a 60% larger mass than a standard 2" outlet can.

C EVERCLEAN® SURFACE

This surface inhibits the growth of stain- and odor-causing bacteria, mold and mildew on the surface.

10-YEAR WORRY-FREE® WARRANTY*

Covers everything inside and out for residential and commercial installations.

THE WISE WAY TO CONSERVE

The FloWise Flushing System qualifies for the WaterSense label. WaterSense is a voluntary partnership program launched by the U.S. Environmental Protection Agency (EPA) to designated products and services that conserve water and perform as intended.

Choosing the FloWise System makes ecologic and economic sense. It can save a family of four up to 4,000 gallons of water per year while lowering water bills.



* For more information on our 10-Year Worry-Free Warranty, visit www.americanstandard-us.com.

THE AQUAFORCE® FLUSHING SYSTEM

This system offers reliable performance that's well-suited for light- to medium-use bathrooms.



A 2" EZ FLOW® OUTLET

A large 2" outlet creates a siphon action that pulls waste from the bowl. The fully surfaced interior provides a smooth, low-friction surface that reduces clogging.

B 2" FLUSH VALVE

A large flush valve provides the proper flow to create the most efficient jet function without creating a splash.

Champion® 4 Flushing System Toilets



Doral **Champion 4** Two-Piece Toilet
• Right Height Elongated • Elongated • Round Front



Champion 4 Two-Piece Toilet
• Right Height Elongated • Elongated • Round Front



Townsend **Champion 4** Two-Piece Toilet
• Right Height Elongated • Right Height Round Front



The Champion Slow-Close Toilet Seat prevents lid slamming. Its tool-free, lift-off design allows for easy cleaning and quick cleaning.



Oakmont **Champion 4** Two-Piece Toilet
• Right Height Elongated • Elongated • Round Front

Cadet® 3 Flushing System Toilets

Both our new Compact Cadet 3 Right Height one-piece and two-piece elongated toilets will fit easily into a round front space, so you can have an elongated bowl in a smaller space without sacrificing comfort.



Tropic **Cadet 3** Two-Piece Toilet
• Right Height Elongated • Elongated • Round Front



Compact **Cadet 3** Two-Piece Toilet
• Elongated



The EverClean Slow-Close Seat. The lid features Finger-Lift Access.



Compact **Cadet 3** One-Piece Toilet
• Right Height Elongated



Cadet 3 Two-Piece Toilet
• Right Height Elongated -10", 12", 14" Rough-in • Elongated -10", 12", 14" Rough-in
• Round Front -10", 12", 14" Rough-in

EVERCLEAN® SURFACE

Keeping a toilet clean. What was once a headache is now an afterthought. The EverClean surface can actually help your toilet keep itself clean. And it's only available from American Standard.

Champion® 4, Cadet® 3, and FloWise® toilets are now available with this silver-based, double-coat surface designed to keep toilet surfaces cleaner by inhibiting the growth of stain- and odor-causing bacteria, mold and mildew on the surface. And because the silver is fired in during the manufacturing process, it won't wash off or wear away.

The EverClean surface will provide reliable protection for the lifetime of the toilet. Surfaces repel dirt and grime, keeping your toilet cleaner by reducing the adhesion of mineral deposits. That makes it easier to clean, even after years of use.

Our Compact One-Piece with Cadet 3 Flushing System is the first true EverClean toilet. That means the EverClean surface covers the entire surface of the toilet, including the bowl, trip lever, and seat. This model brings new meaning to the word clean, inside and out.

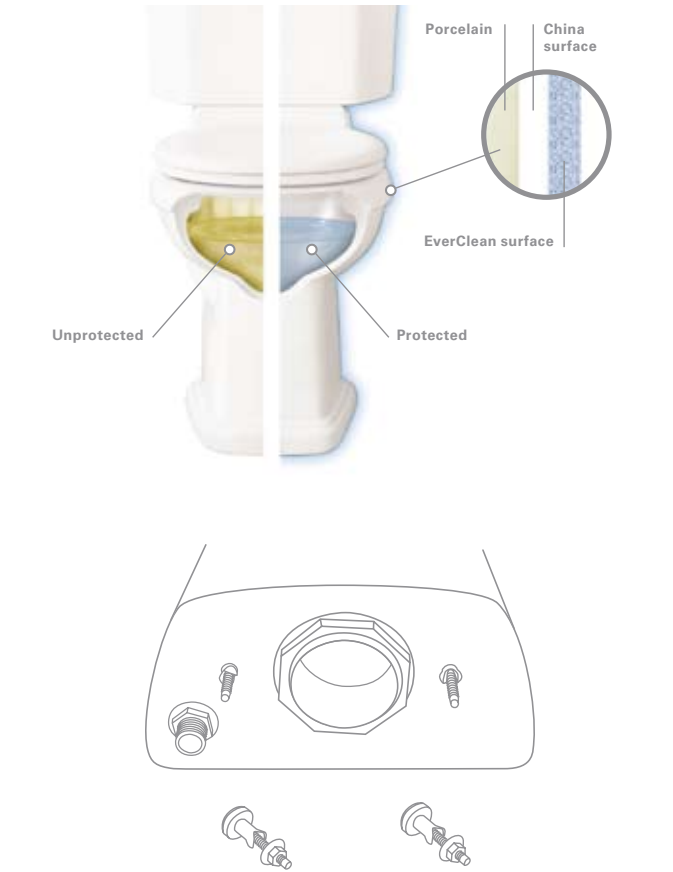
EverClean does not protect product users against disease-causing bacteria, viruses, germs or other disease-causing organisms.

SPEED CONNECT® SYSTEM

Available on Champion 4, Cadet 3, and FloWise toilets.

This innovative system cuts the typical toilet installation time by 30%, due in part to the innovative bolt design inspired by NASCAR engineers. Other features include:

- New one-piece nut-and-washer assembly
- Oversized tank bolts and grommets, preinstalled at the factory
- Tapered bolt ends enable quicker connection of nuts and washers
- Sloped bowl backsplash with four contact points for a solid tank-to-bowl connection; no more tank “rocking”



COLORS AND TRIP LEVERS

White 020	Linen 222	Bone 021	Silver 165	Black 178
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Chrome 002	Satin 295	Polished Brass 099	Blackened Bronze 068
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* For a complete style selection, visit www.americanstandard-us.com

American Standard

For more information on our products and where to buy, go to
www.americanstandard-us.com or call 1-800-524-9797, ext. 6001.
For warranty details, visit our Web site.

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