



SIGNATURE



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SIGNATURE COLLECTION FITTINGS

SUMMARY

CONSUMER INSIGHTs

American Standard

Signature

Consumer Insights

- Trend moves towards “clean-skirted”, sleek and slim design vs big and bulky typology
- Well-designed products seldom comes with matching good flushing performance and water-saving feature

Purpose of this new product

An iconic collection that truly reflects the essence of American Standard’s design philosophy.

Matching good design with best technological solution to deliver core essence to consumers at an accessible price point:

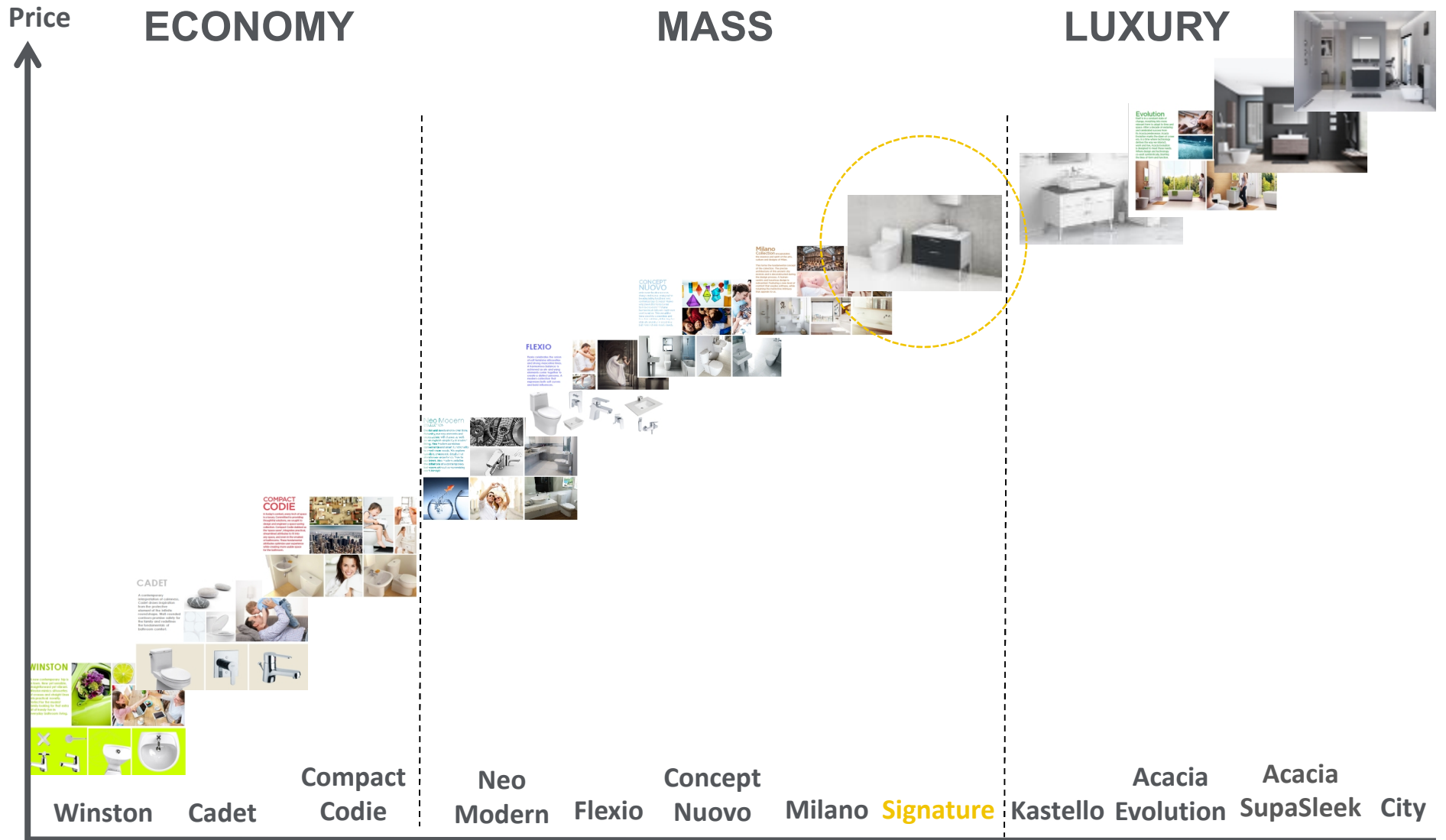
- Modern, thin-edged design philosophy integrating all signature elements powered by **HygieneClean** system
- CrystaSleek seat and cover



PRICE SEGMENTATION

Signature

Price Segmentation



UNDERSTANDING THE NEW COLLECTION

Signature

Elements

PILLOW



INVITING

ON THE CONTOUR OR ON A MAIN SURFACE, THE PILLOW IS MAINLY USED TO PROVIDE A SOFT AND WELCOMING LOOK AND FEEL TO THE PRODUCT WHICH INVITES USER INTERACTION

LINE



DEPENDABLE

THE LINE IS A FLEXIBLE ELEMENT WHICH IS OFTEN USED AS A DETAIL ON PRODUCTS TO HIGHLIGHT THE FUNCTIONALITY, INCREASE THE COMFORT AND PROVIDE A MORE SOPHISTICATED APPEARANCE

FRAME

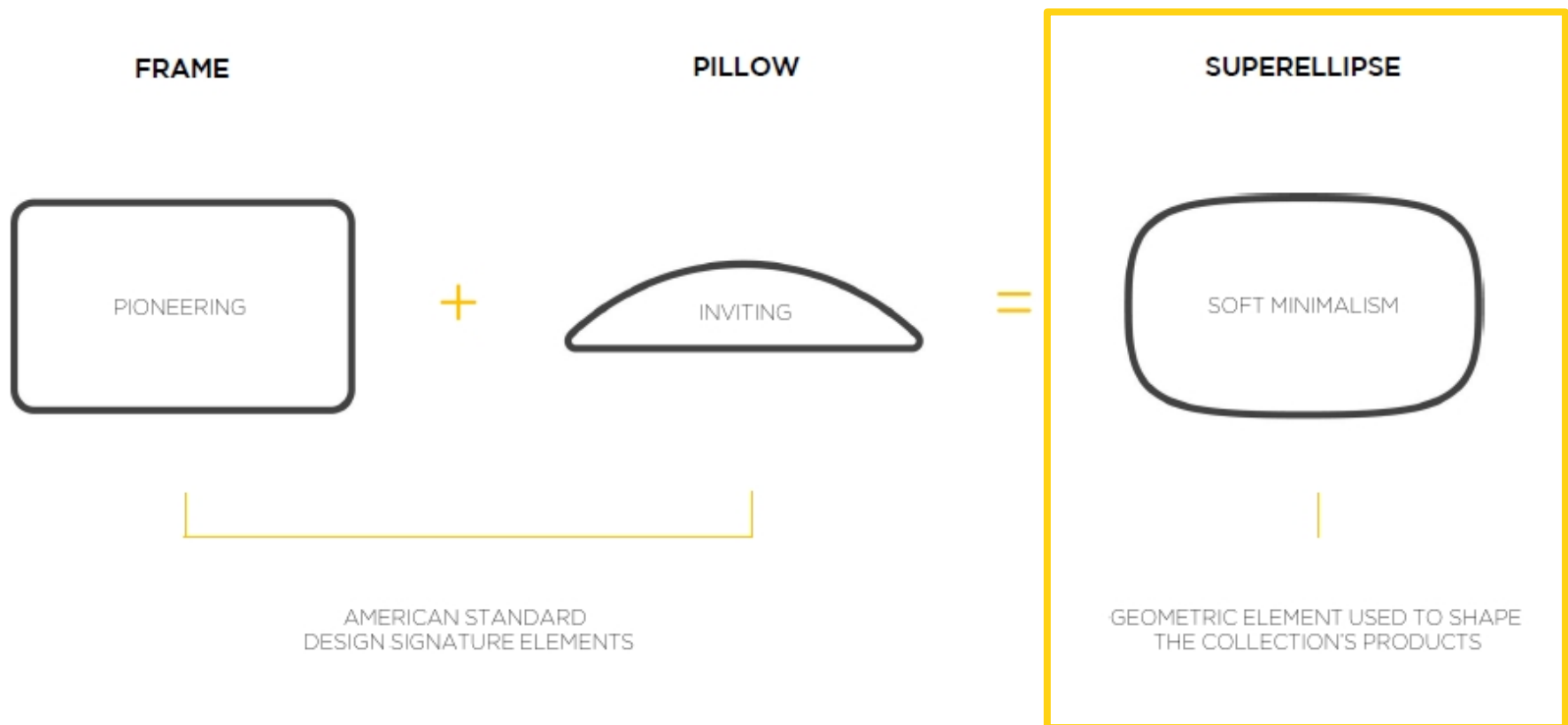


PIONEERING

USED HORIZONTALLY OR VERTICALLY, THE FRAME FORMAT HAS BEEN FOREVER USED TO SHAPE THE CONSUMER ELECTRONICS AND IS NOW EMBEDDED IN OUR PSYCHE AS A SYMBOL OF INNOVATION

Signature

Design Language



**Exclusive to
Signature Collection**

Signature

Design Language





Signature

American Standard

SIGNATURE COLLECTION RANGE

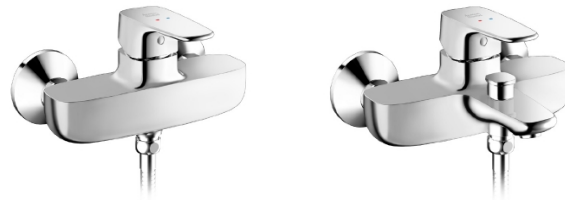
Signature | Our Range



Toilet



Basin



Fittings

Signature | Our Range

Signature VC(8 models = 4 toilets + 4 basins)

- Raise the brand image and strengthen our positioning
- Bring skirted toilet design, and **thin-edged** basins to **Mass segment**



OP toilet



CCBTW Toilet



Back To Wall Toilet



Wall Hung Toilet



Counter Top Basin 550mm



Semi Counter Basin 550mm



Vessel with Faucet Deck
550mm



Vessel w/o Faucet Deck
550mm (H=100mm)

American Standard

SIGNATURE COLLECTION TOILETS

American Standard

Signature | Our Range

ONE PIECE TOILET



3.5/5L Dual Flush version



4.8L Single flush version (THL)

American Standard

Signature | Our Range

ONE PIECE TOILET



3.5/5L Dual Flush version



4.8L Single flush version (THL)

Signature | Our Range

ONE PIECE TOILET (Top PUSH 2 Variants)



*Standard version with
CrystaSleek seat and cover*



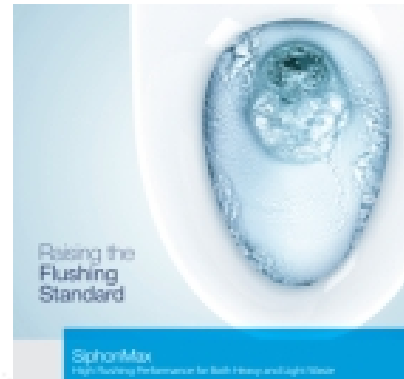
*Economic version with
Neo Modern seat and cover*

Signature | Our Toilet Features

ONE PIECE TOILET

SIPHONMAX + POWER RIM

High flushing performance



SIPHONMAX

Dynamic vacuum mechanism with side water jets create a powerful swirl to evacuate both heavy and light waste.

WATER-SAVING

3.5/5lpf Dual flush (Top Push)
4.8lpf Single flush (Side Lever)



POWER RIM

Combined with our advanced flushing technology, this rim design eliminates hard-to-reach surfaces for an effective removal of dirt and stains.

GLAZING TECHNOLOGY

Dual protection inside bowl with ComfortClean & Aqua Ceramic**



COMFORTCLEAN

Effectively kills E. Coli bacteria according to tests done with IMSL.



AQUA CERAMIC

Super hydrophilic technology prevents dirt and dark ring stains from sticking to ceramic surface.



Low Tank FULL SKIRT DESIGN

Hygiene
Premium design

CrystaSleek Seat Cover



CRYSTASLEEK

Sleek, slim and durable seat and cover for a timeless style.

Signature | Our Toilet Features

CCBTW/BTW/WH TOILET

DOUBLE VORTEX + HYGIENE RIM

Powerful flush for effective cleaning

WATER-SAVING

3/4.5lpf dual flush



GLAZING TECHNOLOGY

Dual protection inside bowl with ComfortClean & Aqua Ceramic**



DOUBLE VORTEX

Maximum flushing performance, minimum water usage.



HYGIENE RIM

Truly rimless, cleaned in just one swipe.



COMFORTCLEAN

Effectively kills E. Coli bacteria according to tests done with IMSL.



AQUA CERAMIC

Super hydrophilic technology prevents dirt and dark ring stains from sticking to ceramic surface.



CCBTW Toilet



Back To Wall Toilet



Wall Hung Toilet

FULL SKIRT DESIGN

Hygiene Premium design

CrystaSleek Seat Cover



CRYSTASLEEK

Sleek, slim and durable seat and cover for a timeless style.



HYGIENE CLEAN SYSTEM





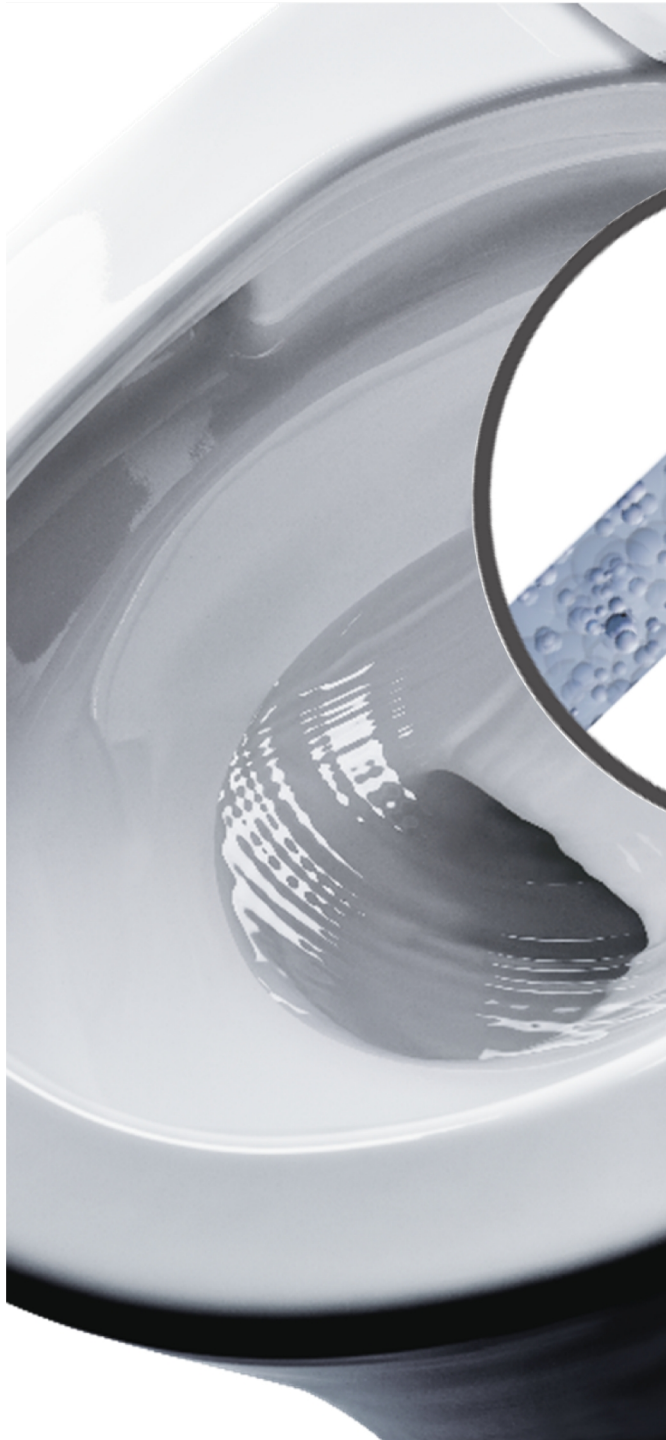
ANTIBACTERIAL TECHNOLOGY

COMFORTCLEAN

Effectively eliminates E.coli bacteria
according to tests done by IMSL.

American Standard's COMFORTCLEAN anti-bacterial glazing technology on the inner toilet surface inhibits the growth of bacteria for a **bacteria-free and safe bathroom** for your entire family.

No bacteria. No worries.



COMFORTCLEAN

ANTIBACTERIAL TECHNOLOGY

Zinc oxide antimicrobial properties is applied on top of the conventional ceramic glaze and fired onto the glaze for a **made-to-last permanent effect**.

. Maximum hygiene

Anti-bacterial protection against E. coli bacteria.
Certified by Industrial Microbiological Services Limited (IMSL)

. Long lasting protection

ComfortClean anti-bacterial layer is burnt onto the glazed porcelain so it does not get removed.

. Easy to clean & odour-free

No more mould on toilet surfaces caused by bacteria, resulting in an odour-free bathroom.



ANTIBACTERIAL TECHNOLOGY
COMFORTCLEAN

American Standard

ComfortClean is certified by Industrial Microbiological Services Limited (IMSL) testing agency for **inhibiting the growth of E. coli bacteria effectively.**

Based off ISO 22196:2011 international testing standard measurement of antibacterial activity on plastic & non-porous surfaces. **Highest testing standards assurance.**

LIXIL was the project leader in the creation of ISO 22196 in 2003 and still a current test centre for the standard.

IMSL

INDUSTRIAL MICROBIOLOGICAL SERVICES LTD

Industrial Microbiological Services Limited (IMSL) is a testing and consultancy service specializing in the microbiology of industrial processes and products. Since 1996 in London UK.

IMSL
INDUSTRIAL MICROBIOLOGICAL SERVICES LTD

TEST REPORT: Determination of the antibacterial activity of a product using the agar diffusion method (ISO 22196:2011)

CLIENT: LIXIL (Stafford) Public Company Limited
Head Office: Stafford, Staffordshire, UK
Product: LIXIL (Stafford) Public Company Limited
Address: Stafford, Staffordshire, UK

REPORT NO: IMSL-2019-0101-0101
DATE: 27 December 2019

CERTIFICATE NO: 122047-18
CUSTOMER REF:

DATE RECEIVED: 16 Dec 19
IMSL MICROBIOLOGIST: Prof. Dr. J. S. W. H. J.
DATE REPORTED: 27 Dec 19

TEMP	EXPOSURE TIME	% REDUCTION
22°C	2.0H	-
22°C	4.0H	-
22°C	6.0H	99.97%
22°C	8.0H	99.97%
22°C	10.0H	-
22°C	12.0H	99.96%

Reporting Centre with the number of the "tested Sample" population received from the Client. Im.

TEST DONE: IMARILEY WINENEY
ANALYST
R027 ROOM
LIXIL

PETER D. ASKIN
MANAGING DIRECTOR

Small text at the bottom: Industrial Microbiological Services Limited is a company registered in England No. 10308494 and is a member of the British Microbiology Association (BMA)

**TEST REPORT
CERTIFICATE**
available upon
request



HYGIENECLEAN SYSTEM





GOOD DESIGN AWARD 2016 GOLD AWARD

Winner of Good Design Gold Award 2016
a revolutionary technology that allows water to
penetrate beneath any waste that may attach to the
ceramics, and easily lift off with just the power of
water alone.

Good Design Award a comprehensive design
evaluation & commendation system in Japan since
1957. Aimed at enriching lives and society through
design.

It judges design in light of their efficacy and utility,
from the perspective of whether they are likely to
enrich people's lives and society, with awards going to
entries chosen to be good design as a result of the
process.

AQUA

CERAMIC



ANTI-STAIN TECHNOLOGY

AQUA CERAMIC

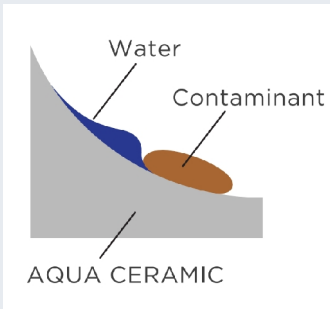
American Standard's AQUA CERAMIC patented
glazing technology
that nothing sticks on
allows waste & dirt to easily get flushed away.
For a spotless toilet.

No Dirt. No Stain. No worries.



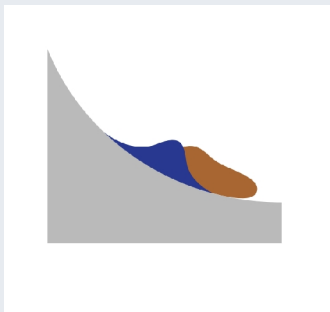
ANTI-STAIN TECHNOLOGY
AQUA CERAMIC

No Dirt



1

A super hydrophilic technology that allows water to adhere to ceramic surface easily.



2

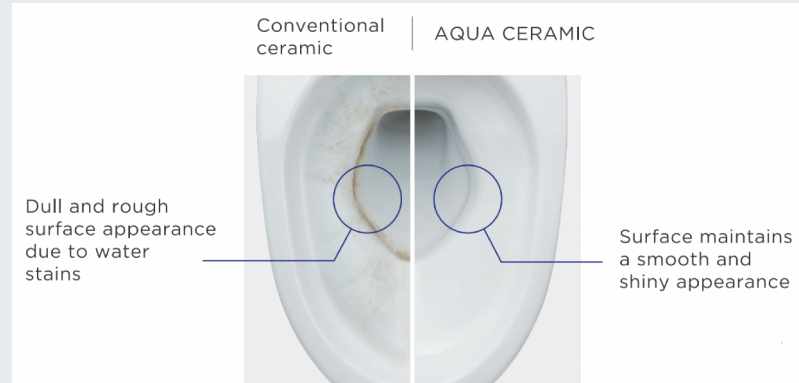
During flushing, force of water penetrate underneath the waste on the bowl surface.



3

Waste on the surface is **lifted off** and **carried away** by the water into the bowl.

No Stain



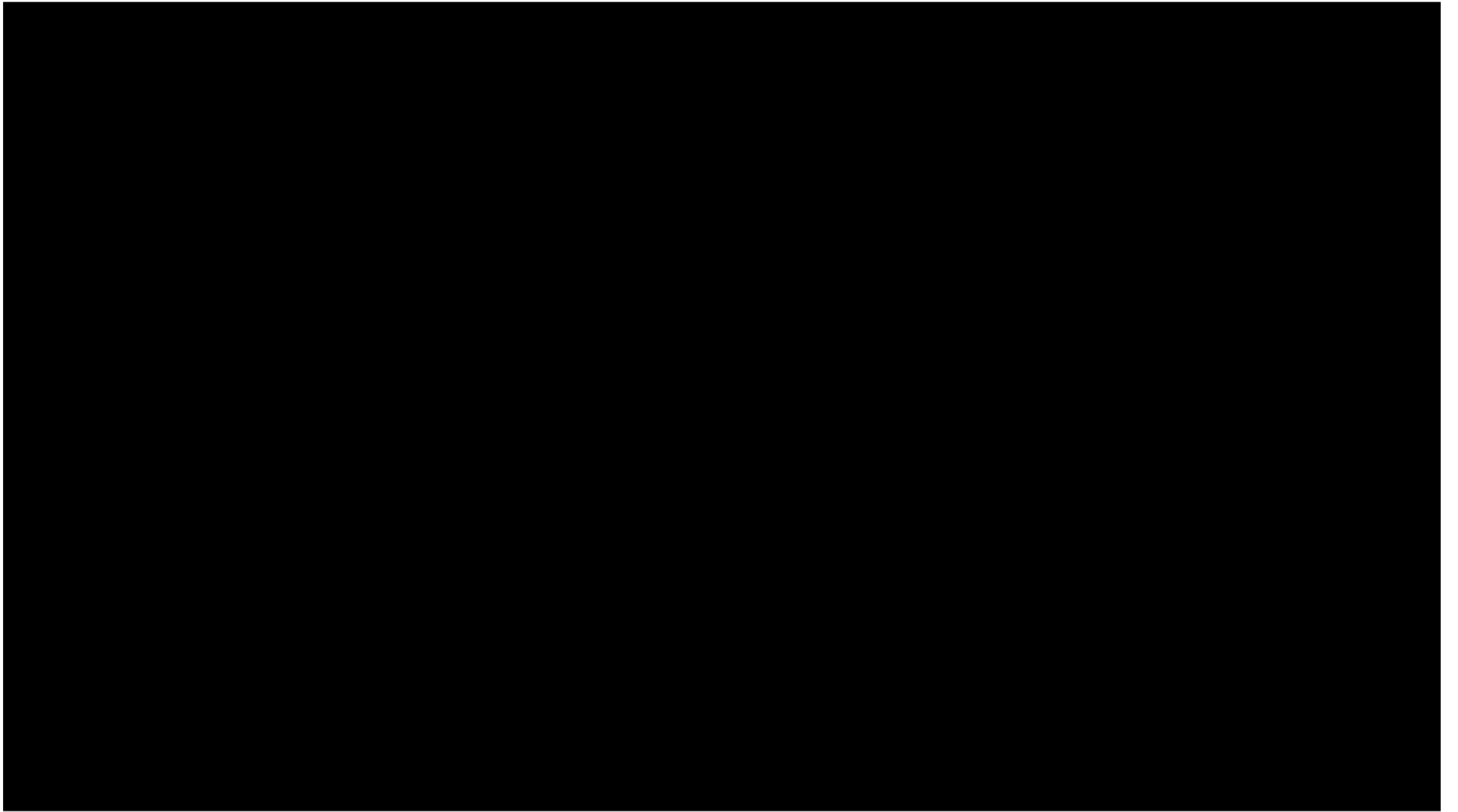
1

Silica presented in the water tends to stick onto conventional ceramic during flushing causing staining and it hardens over time.

Aqua Ceramic glaze prevents silica from building up on the toilet bowl's surface.



Aqua Ceramic
Effortless Cleaning





HYGIENECLEAN SYSTEM



FEATURES & BENEFITS

TYPES OF FLUSHING

2 types of flushing systems for different platforms. **Siphonic & Wash Down.**



FLUSHING TECHNOLOGY

SiphonMax

A DYNAMIC VACUUM MECHANISM WITH SIDE WATER JETS FOR A POWERFUL SWIRL, AND A LOWER JET TO REMOVE HEAVY AND LIGHT WASTE COMPLETELY

American Standard

The image shows a side view of a white toilet with the SiphonMax flushing mechanism. Water is shown swirling in the bowl, and a side jet is visible. The background is a light-colored marble countertop.



FLUSHING TECHNOLOGY

Double Vortex

MAXIMUM FLUSHING PERFORMANCE, MINIMUM WATER USAGE

American Standard

The image shows a top-down view of a toilet bowl with water swirling in a double vortex pattern. The background is a light blue gradient.



VACUUM FLUSHING TECHNOLOGY

SIPHONMAX

American Standard's SIPHONMAX dynamic vacuum flushing technology where a lower water channel pushes all waste **down the trap completely, for a real clean toilet.**

No Dirt. No worries.



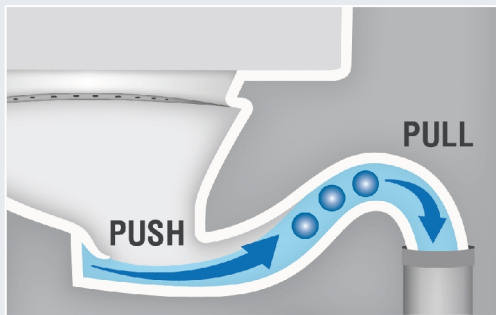
BEST FLUSHING PERFORMANCE
SIPHONMAX

SiphonMax



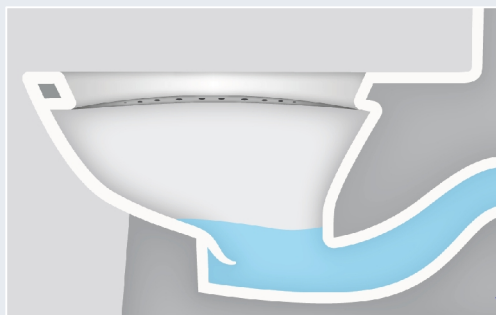
1

2 top water jets create a strong swirl down the bowl, initiating a vacuum pulling action.



2

Lower side water jet pushes the heavy waste down the waste trap.



3

Simultaneous pulling & pushing action removes all waste completely.

Power Rim



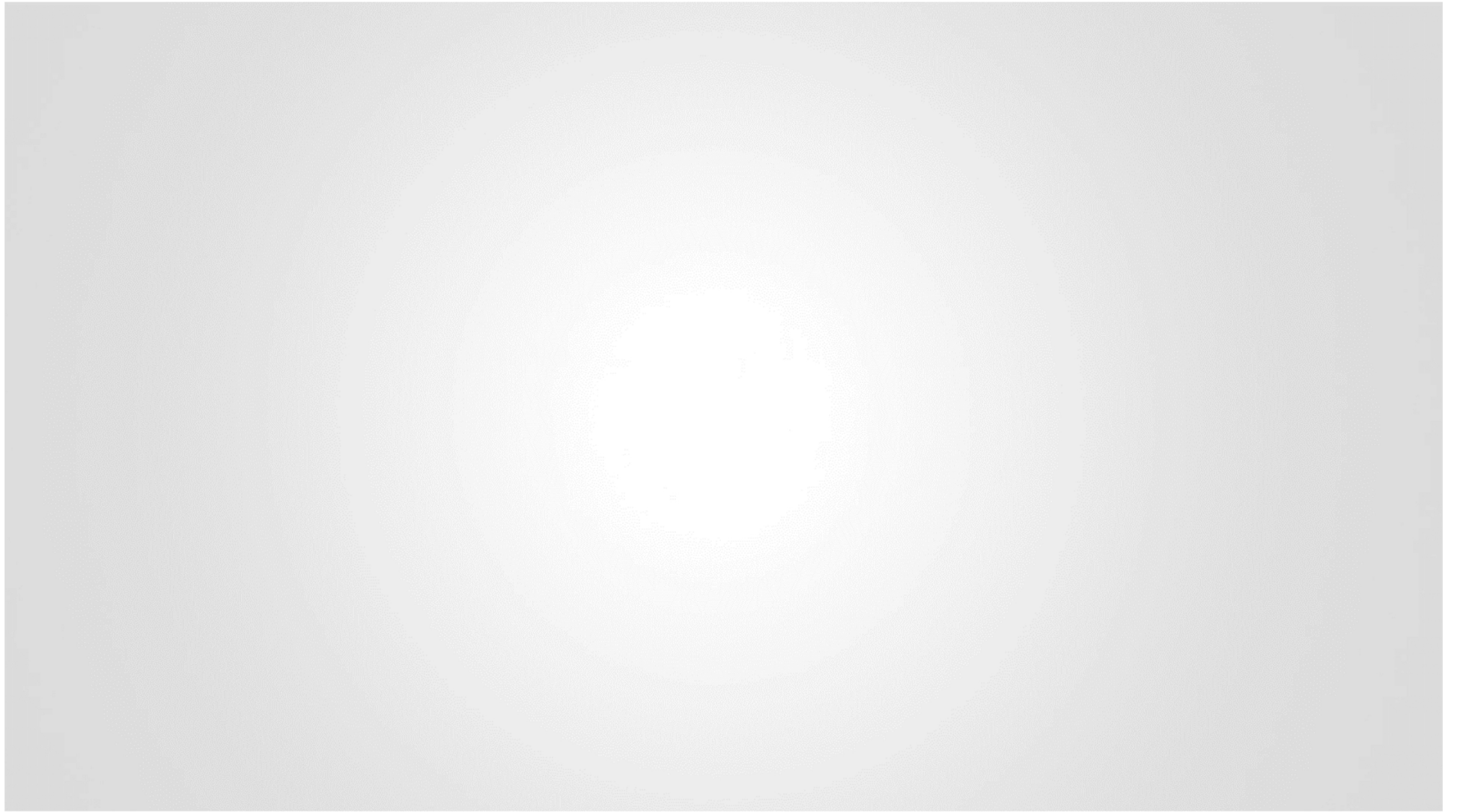
1

Power Rim is included in SiphonMax toilet for better cleaning under the rim.

This rimless design allows water to flow from the top of the bowl for better cleaning. No corners for dirt and bacteria to hide.



SiphonMax + Power Rim
Best Flushing Performance





MAXIMUM FLUSHING PERFORMANCE

DOUBLE VORTEX

American Standard's
DOUBLE VORTEX powerful swirling flushing
technology uses
minimum water to efficiently clean
the entire bowl **so you never have to flush
twice.**

No Dirt. No worries.



MAXIMUM FLUSHING PERFORMANCE
DOUBLE VORTEX

Double Vortex



1
2 top water openings releasing 100% of water.

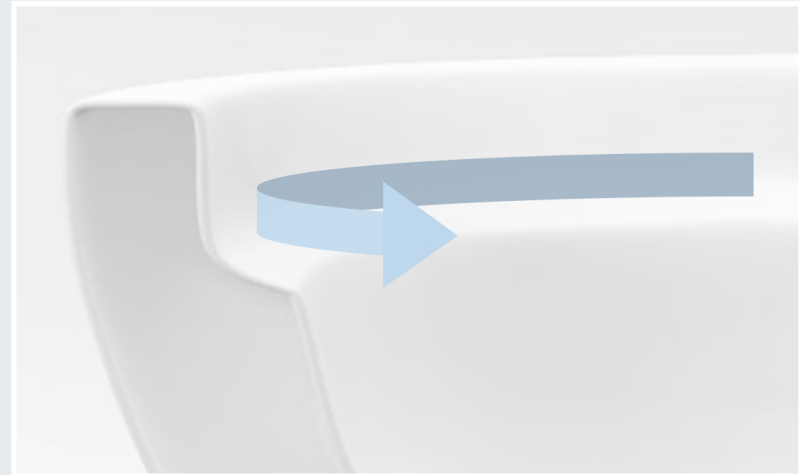


2
The force of water swirls around the bowl.



3
This 'vortex' water effect cleans the entire surface of the bowl.

Hygiene Rim



1 Hygiene Rim is included in Double Vortex toilet for better cleaning at the rim area.

This rimless design allows water to flow from the top of the bowl for better cleaning. No corners for dirt and bacteria to hide.



Double Vortex + Hygiene Rim
Max. Flushing Performance

RIMLESS TECHNOLOGY
TOILET RIMS

NORMAL RIM

all flushing

ENCLOSED
CORNERS
germs
bacteria

POWER RIM

siphonic & washdown flushing

OPEN RIM
no dirt traps

HYGIENE RIM

washdown flushing

RIMLESS
no hiding corners



EASY
CLEANING



POWER RIM



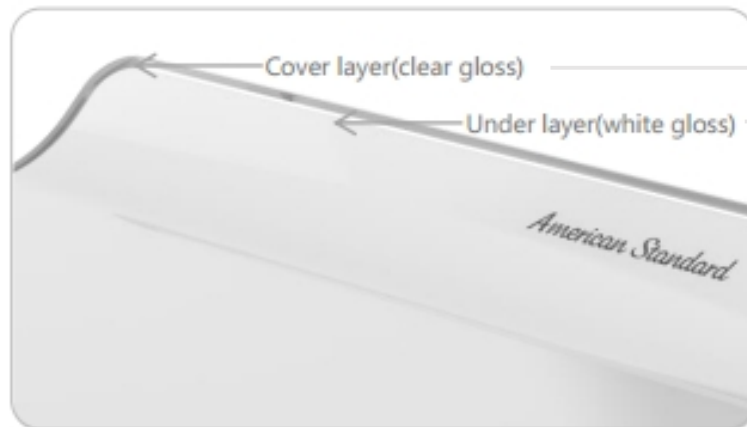


HYGIENE RIM





Slim, sleek and durable seat and cover for a timeless style.



Polycarbonate (transparent)

Polycarbonate + ABS (white)

Seat & Cover

The use of a new double injection molding process contributes to a high density and bending strength which makes the cover more durable. It is also used to achieve the dual color function.

The transparent top layer enhances the overall slim look design, making it even sleeker.

It is UV resistant and will not discolour over time.

The seat is made of UF material which is highly durable and is also resistant to colour changes.



Sleek, slim and durable seat and cover for a timeless style.



Angled Seat and Cover Rim





Makes it easy for lifting both without touching the bowl.



Quick Release Seat Hinges

The easy release hinges enable removal of the seat and cover for cleaning with minimal effort.

Toilet Specifications

	OP	CCBTW	BTW	Wall Hung
Image				
Flushing Technology	SiphonMax	Double Vortex		
Flushing Performance	3.5 / 5 L , 4.8 L	3 / 4.5 L		
Rim Type	Power Rim	Hygiene Rim		
Dimension L x W x H (mm)	730 x 382 x 650	684 x 406 x 780	560 x 382 x 400	550 x 382 x 290
Trapway / Rough-in	S (305mm & 400mm)	S (140 – 245mm) ANZ, S(305mm), P(180mm) ASIA	S (90 – 110mm) / P(180mm)	P (220mm)
Aqua Ceramic	•	•	•	•
Comfort Clean	•	•	•	•
CrystaSleek Seat & Cover	•	•	•	•

Signature TOILET

Competitor Analysis

American Standard

CONFIDENTIAL

American Standard



**Signature
One-piece Toilet**

Price index = 1.0

Strengths

- **SiphonMax** Power Flushing
- **Power Rim** rimless design for easy cleaning
- **Aqua Ceramic** for anti-stain bowl
- **Comfort Clean** for anti-bacterial bowl
- **CrystaSleek** seat and cover with slow closing

Weakness

- 3.5/5L dual flush

KOHLER.

Strengths

- 3/4.5L dual flush
- Class Five flushing
- Rimless design

Weaknesses

- Normal seat and cover
- No anti-bacterial feature
- No anti-stain feature



Veil OP Toilet K-1381

Price Index = 1.0

Why Are We Better?

- Hygiene Clean system, in addition to strong flushing platform and rimless design, includes anti-stain and anti-bacterial bowl features
- Modern thin-edged design
- Has matching basins and fittings from Signature collection to complement the bathroom design

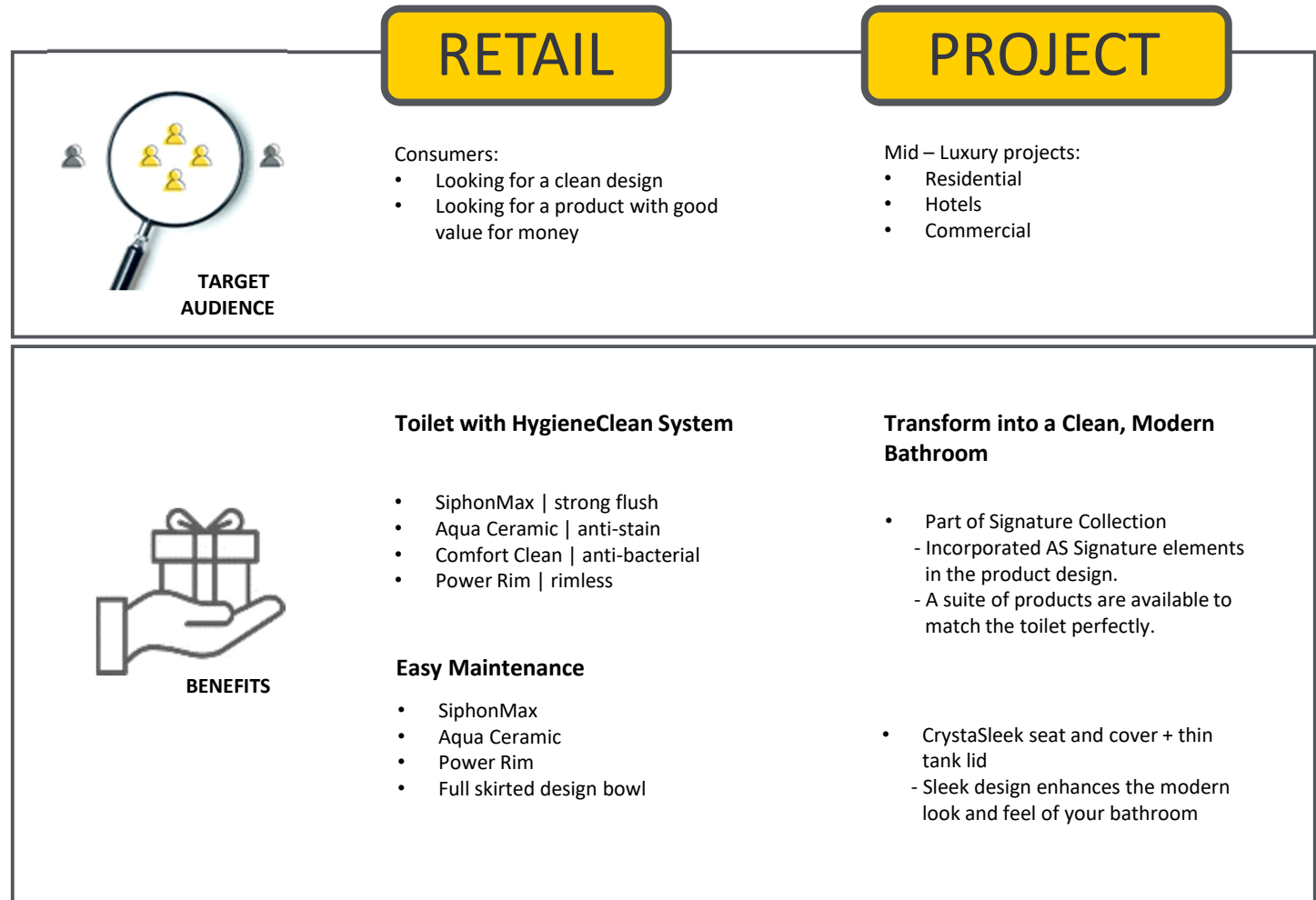
Signature TOILET

Target Audience & Benefits






Signature One-piece Toilet

- SiphonMax
- Dual Flush 3.5/5 LPF
- PowerRim
- Aqua Ceramic
- Comfort Clean
- CrystaSleek Seat & Cover



Signature OP

VS Competition (CN)

Brand	<i>American Standard</i>	<i>American Standard</i>	KOHLER	TOTO
Picture				
Model	Signature OP	Signature OP (Economic)	Veil OP 1383/1382	CW195
Price Index	1	0.91	0.96	1
Dimension L x W x H (mm)	730 x 382 x 650	730 x 382 x 650	725 x 387 x 692	745 x 420 x 666
Flushing Action	SiphonMax + Power Rim	SiphonMax + Power Rim	ClassFive	Siphon
Water Usage	3.5 / 5 lpf	3.5 / 5 lpf	3 / 4.5 lpf	3 / 4.5 lpf
Seat	CrystaSleek	Slowclosing	Slowclosing	Slowclosing
Others	ComfortClean Aqua Ceramic	ComfortClean Aqua Ceramic	-	Cefiontect

Signature CCBTW

VS Competition (ANZ)

American Standard

CONFIDENTIAL







Brand	<i>American Standard</i>	<i>American Standard</i>	<i>inspire</i> Caroma	KOHLER
Picture				
Model	Signature CCBTW	Acacia E CL3317/CL4317	Forma 9506685	Grande 76078A-0
Price Index	1.06	1	1.19	1.09
Dimension L x W x H (mm)	680 x 382 x 780	680 x 376 x 780	655 x 440 x 862	650 x 395 x 810
Flushing Action	Double Vortex + Hygiene Rim	Double Vortex + Rimless	Cleanflush Washdown + Rimless	Hygiene Max Rimless
Water Usage	3 / 4.5 lpf	3 / 4.5 lpf	3 / 4.5 lpf	3 / 4.5 lpf
Others	ComfortClean Aqua Ceramic	ComfortClean Aqua Ceramic	Overheight pan	-

Signature BTW

VS Competition (ANZ)

American Standard

CONFIDENTIAL

Brand	<i>American Standard</i>	<i>American Standard</i>		
Picture				
Model	Signature BTW	Acacia E 3129	Venticello 4611RO	P3 Comfort 216609
Price Index	1.13	1	1.09	1.2
Dimension L x W x H (mm)	560 x 382 x 400	555 x 376 x 390	560 x 375 x 400	600 x 380 x 400
Flushing Action	Double Vortex + Hygiene Rim	Double Vortex + Rimless	Washdown + Rimless	Washdown + Rimless
Water Usage	3 / 4.5 lpf	3 / 4.5 lpf	3 / 4.5 lpf	3 / 4.5 lpf
Seat	CrystaSleek	Soft Close	Soft Close, thin design	-
Others	ComfortClean Aqua Ceramic	ComfortClean Aqua Ceramic	CeramicPlus	Wonder Gliss finish

Signature WH

VS Competition (CN)

American Standard

CONFIDENTIAL

Brand	<i>American Standard</i>	<i>American Standard</i>	TOTO
Picture			
Model	Signature WH	Acacia E WH CCAS2119	CW162
Price Index	1	1.15	0.81
Dimension L x W x H (mm)	550 x 382 x 290	555 x 376 x 360	530 x 392 x 339
Flushing Action	Double Vortex + Hygiene Rim	Double Vortex + Rimless	Siphon
Water Usage	3 / 4.5 lpf	4.8 lpf	3 / 4.8 lpf
Seat	CrystaSleek	CrystaSleek	Slow Closing
Others	ComfortClean Aqua Ceramic	ComfortClean Aqua Ceramic	-

American Standard

SIGNATURE COLLECTION BASINS

Signature | Our Range

BASINS

- . **Superellipse** shape with thin edge modern design
- . Human care design such as anti-splash zone and easy clean



COUNTERTOP BASIN



SEMI-COUNTERTOP BASIN



VESSEL WITHOUT FAUCET DECK (h125)



VESSEL WITHOUT FAUCET DECK (h100)

American Standard

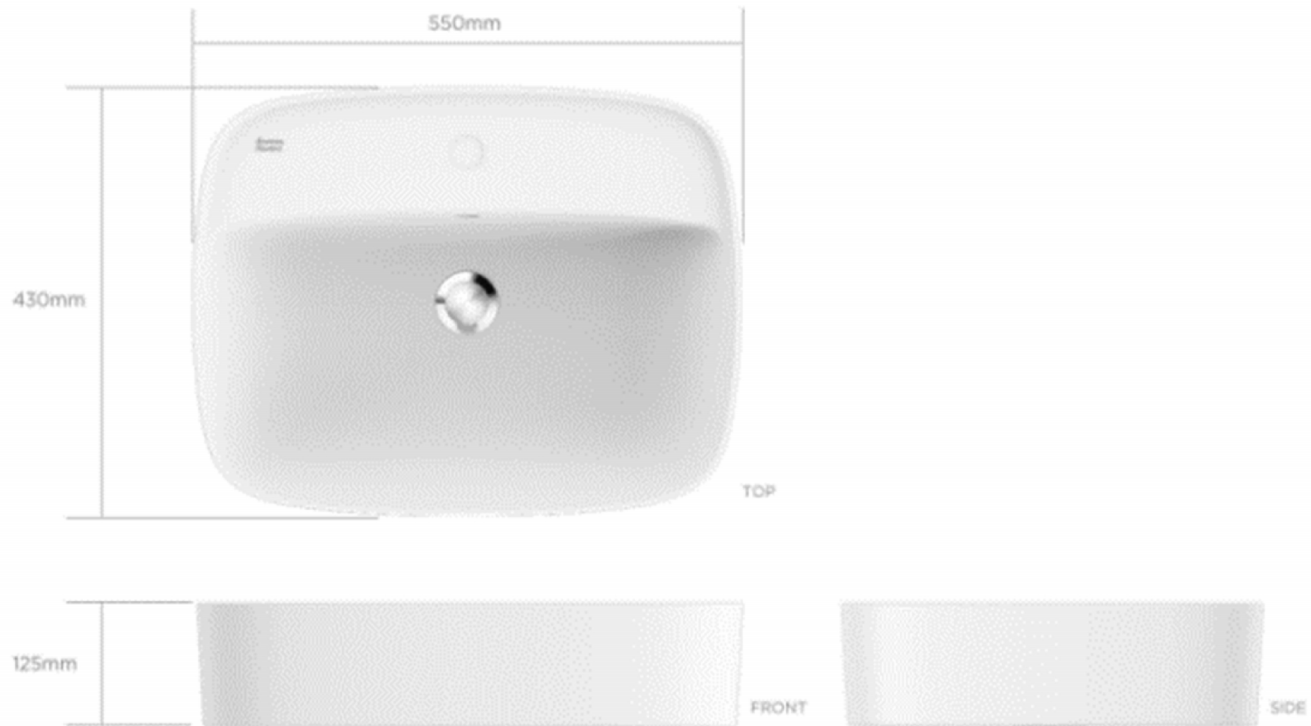
Signature | Our Range

VESSEL WITH FAUCET DECK (h125)



Signature | Our Range

VESSEL WITH FAUCET DECK (h125)
ORIENTATION VIEW



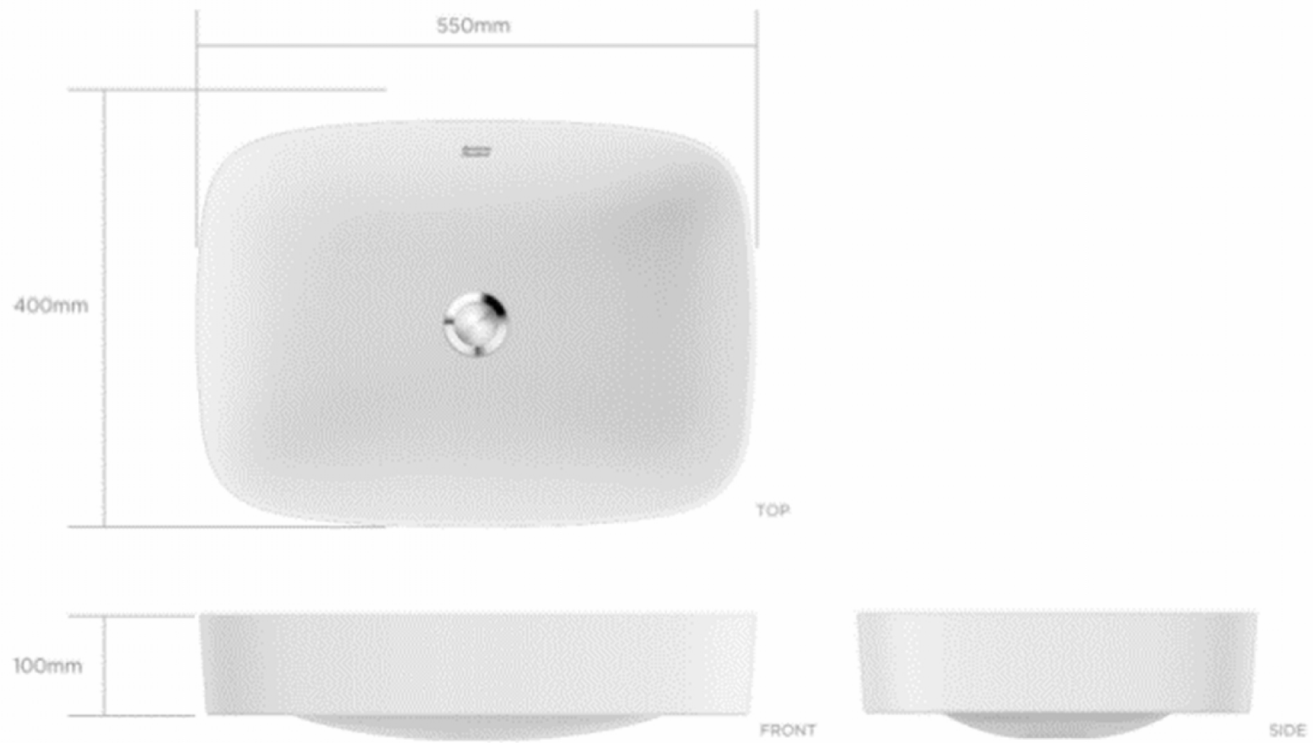
Signature | Our Range

VESSEL WITHOUT FAUCET DECK (h100)



Signature | Our Range

VESSEL WITHOUT FAUCET DECK (h100)
ORIENTATION VIEW



American Standard

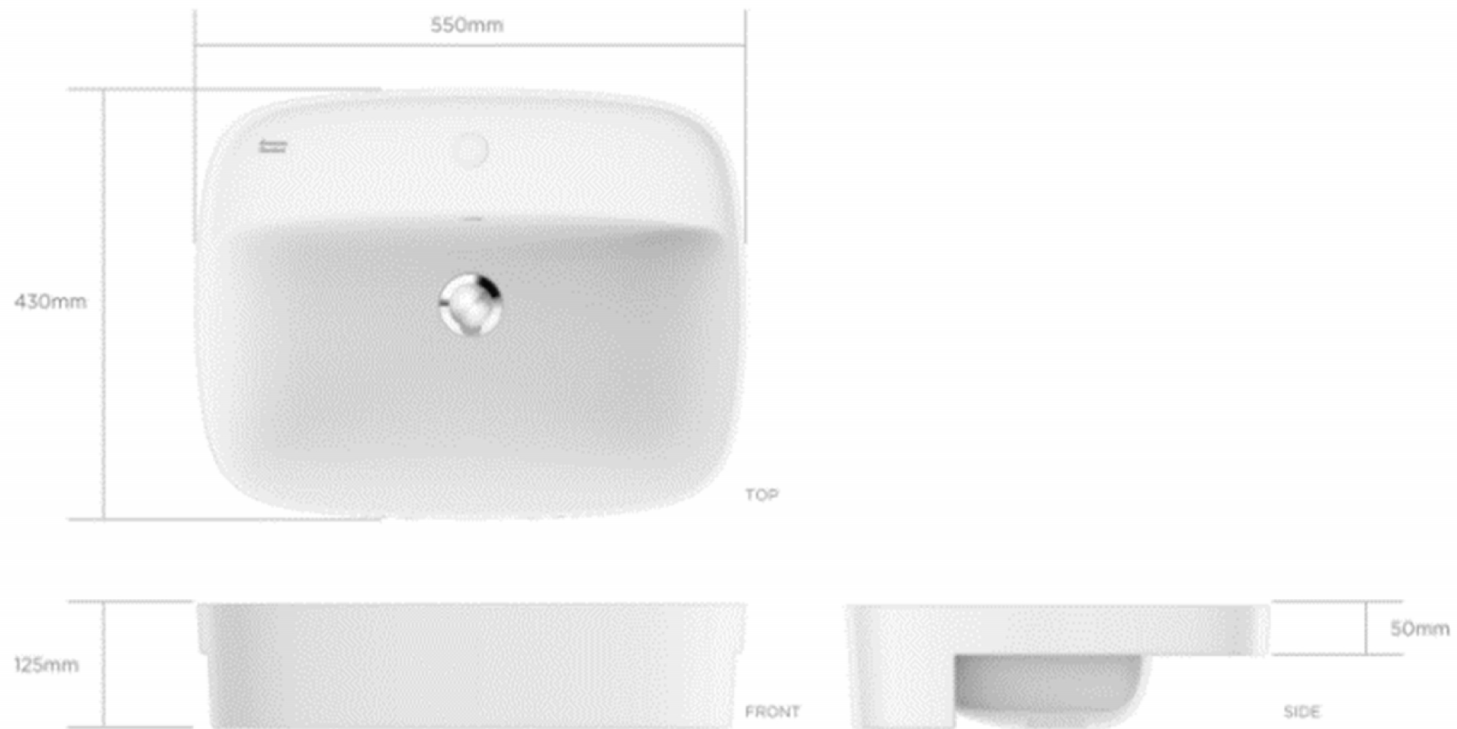
Signature | Our Range

SEMI-COUNTERTOP BASIN



Signature | Our Range

SEMI-COUNTERTOP BASIN ORIENTATION VIEW



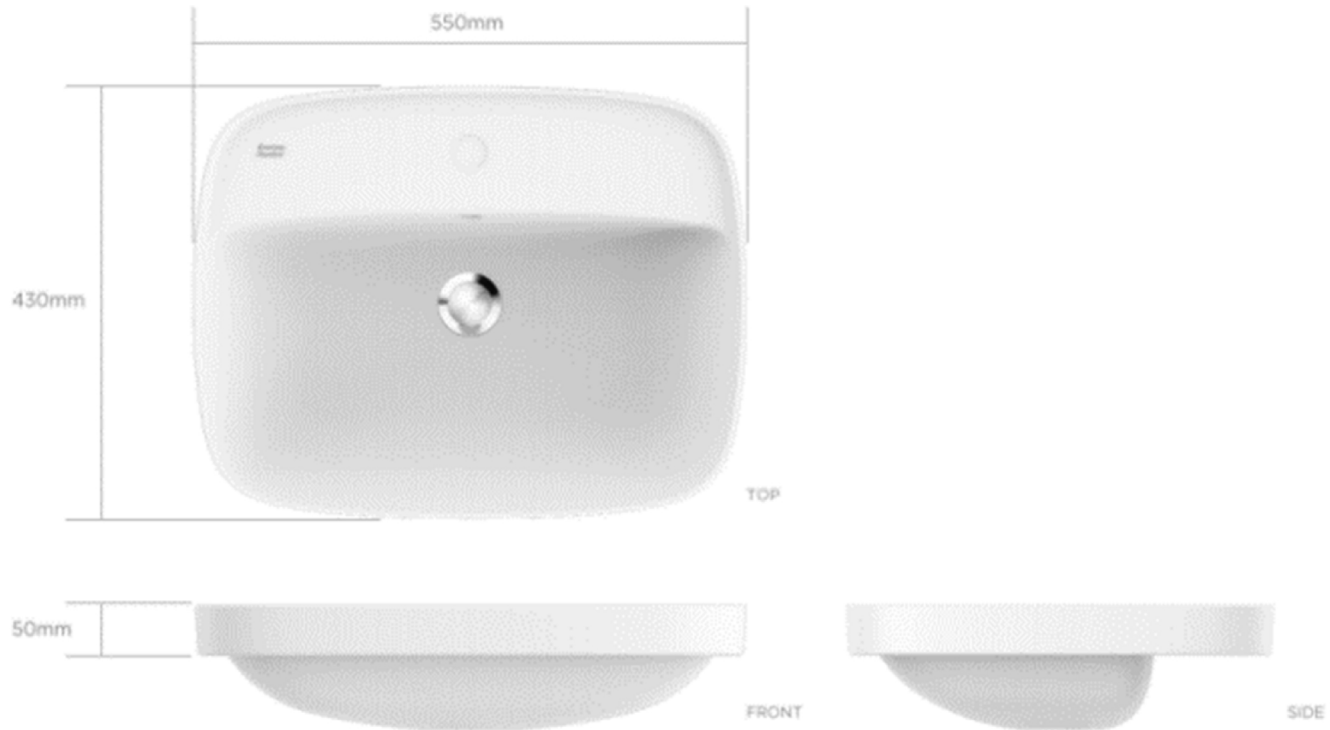
Signature | Our Range

COUNTERTOP BASIN



Signature | Our Range

COUNTERTOP BASIN ORIENTATION VIEW



Basin Specifications

	Counter Top Basin 550mm	Semi-counter Basin 550mm	Vessel with Faucet Deck 550mm	Vessel w/o Faucet Deck(H=100mm) 550mm
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Image



Faucet holes	Single hole, 8 inch 3 hole	Single hole, 8 inch 3 hole	Single hole, 8 inch 3 hole	No
Water volume	3.7L	3.7L	3.7L	14.5L
With overflow hole	Yes	Yes	Yes	No
Material	VC	VC	VC	VC
Dimension (L X W X H) mm	551 x 429x 165	545 x 435 x 170	551 x 429 x 125	551 x 399 x 100
Design	Thin-edged, modern design	Thin-edged, modern design	Thin-edged, modern design	Thin-edged, modern design
MFG/Plant	VN/Hanoi	VN/Hanoi	China/TIJ	China/TIJ

Signature Counter-top Basin

VS Competition (ANZ)

American Standard

CONFIDENTIAL

Brand	<i>American Standard</i>	<i>American Standard</i>		
Picture				
Model	Signature CCAS0420	Acacia E CCASF417	Debba 9506363	The Gap 9506765
Price Index	1.07	1	0.69	0.86
Dimension L x W x H (mm)	551 x 429 x 50(165)	550 x 460 x 60(185)	500 x 410 x 60(120)	550 x 410 x 65
Depth	165	185	120	120
Overflow Included	Yes	Yes	Yes	Yes

Signature Semi-Counter Basin

VS Competition (CN)

American Standard

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Brand	<i>American Standard</i>	<i>American Standard</i>	<i>American Standard</i>	TOTO
Picture				
Model	Signature CCAS0320	Acacia E CCASF519	Cygnet CCAS0304	LW717
Price Index	0.7	1	0.62	1.32
Dimension L x W x H (mm)	545 x 435 x 170	500 x 460 x 181	502 x 441 x 175	500 x 450 x 190
Overflow Included	Yes	Yes	Yes	Yes
Design	Thin-edged, modern design	Modern Design	Modern Design	Modern Design

Signature Vessel with Faucet Deck Basin

VS Competition (CN)

Brand	<i>American Standard</i>	<i>American Standard</i>	TOTO
Picture			
Model	Signature CCAS0618	Acacia E CCASF520	LW709
Price Index	0.62	1	0.89
Dimension L x W x H (mm)	551 x 429 x 168	595 x 460 x 181	500 x 450 x 182
Overflow Included	Y	Y	Y
Design	Thin-edged, modern design	Modern Design	Modern Design

Signature Vessel without Faucet Deck Basin

VS Competition

American Standard

CONFIDENTIAL

Brand	<i>American Standard</i>	<i>American Standard</i>	KOHLER
Picture			
Model	Signature CCAS0628	Cygnets CCASF646	Modern Life K-77762
Price Index	1	1.23	1.58
Dimension L x W x H (mm)	551 x 399 x 144	553 x 419 x 150	598 x 397 x 176
Overflow Included	N	N	N
Design	Thin-edged, modern design	Modern Design	Modern Design

American Standard

SIGNATURE COLLECTION FITTINGS

Signature | Our Range

FITTINGS

BASIN MIXER (3 HOLE)	BASIN MONO	BASIN MIXER	EXPOSED BATH & SHOWER MIXER WITH RAINSHOWER KIT	
				
EXTENDED BASIN MONO WITH 28MM CARTRIDGE	EXTENDED BASIN MIXER WITH 28MM CARTRIDGE	WALL MOUNT BASIN MIXER (ANZ VERSION)		
		 <p data-bbox="1287 865 1507 922">Wave 1 Low Lead Wave 2 DR Brass</p>		
EXPOSED SHOWER MIXER	EXPOSED BATH & SHOWER MIXER	CONCEALED SHOWER MIXER		
				
CONCEALED BATH & SHOWER MIXER	EXPOSED SHOWER MONO			
				

Signature | Our Range

FITTINGS

Features



WATER SAVING

Water-saving for ecological and economical sense.



LOW LEAD

Minimal lead content provides better health protection compared to standard brass.



DURASHINE

Shiny chrome finishing gives an enduring brilliance.



COMFORT ANGLE

Adjustable water flow angle for a comfortable, perfect splash-proof experience.



COMFORT SPACE

Ample space between spout and handle for ease of use.

Technologies



COMFORTMOVE

Smooth handle performance for optimal precision and comfort.



EASYCLICK

An instinctive button for switching between spray modes.



AIRNERGIZE

Air-infused water provides a luxurious shower experience while using lesser water.

Signature | Our Range

FITTINGS

Low Lead Brass



Standard Brass



DZR Brass



Signature | Our Range

FITTINGS

Low lead brass used in Signature collection are

- 10 times less than standard brass
- Basin mixers to the shower mixers
- Concealed showers use "DZR brass"

Item	Low Lead Brass	Standard Brass
Lead Content	$\leq 0.1\%$	1.2 – 1.6%

Signature | Our Range

FITTINGS | Basin Faucets (Mono/Mixer)



ComfortMove

Smooth handle performance for optimal precision and comfort.



DuraShine

Shiny chrome finishing gives an enduring brilliance.



Comfort Angle

Adjustable water flow angle for a comfortable, perfect splash-proof experience. (for extended faucets and 3 hole basin mixer)



Low Lead

Minimal lead content provides better health protection compared to standard brass.



Signature | Our Range

FITTINGS | Basin Faucets (Mono/Mixer)



Basin mono

FFAS1706-1015LOBTO

**Low
Lead**
■■■■■



**Basin mixer
with pop-up drain**

FFAS1701-1015LOBCO

**Low
Lead**
■■■■■



**3-hole basin mixer
with pop-up drain**

FFAS1703-1015LOBCO

**Low
Lead**
■■■■■



Signature | Our Range

FITTINGS | Basin Faucets (Mono/Mixer)



Extended basin mixer
with pop-up drain

FFAS1702-1015L0BC0



Wall mount basin mixer
with pop-up drain

FFAS1704-1015L0BC0



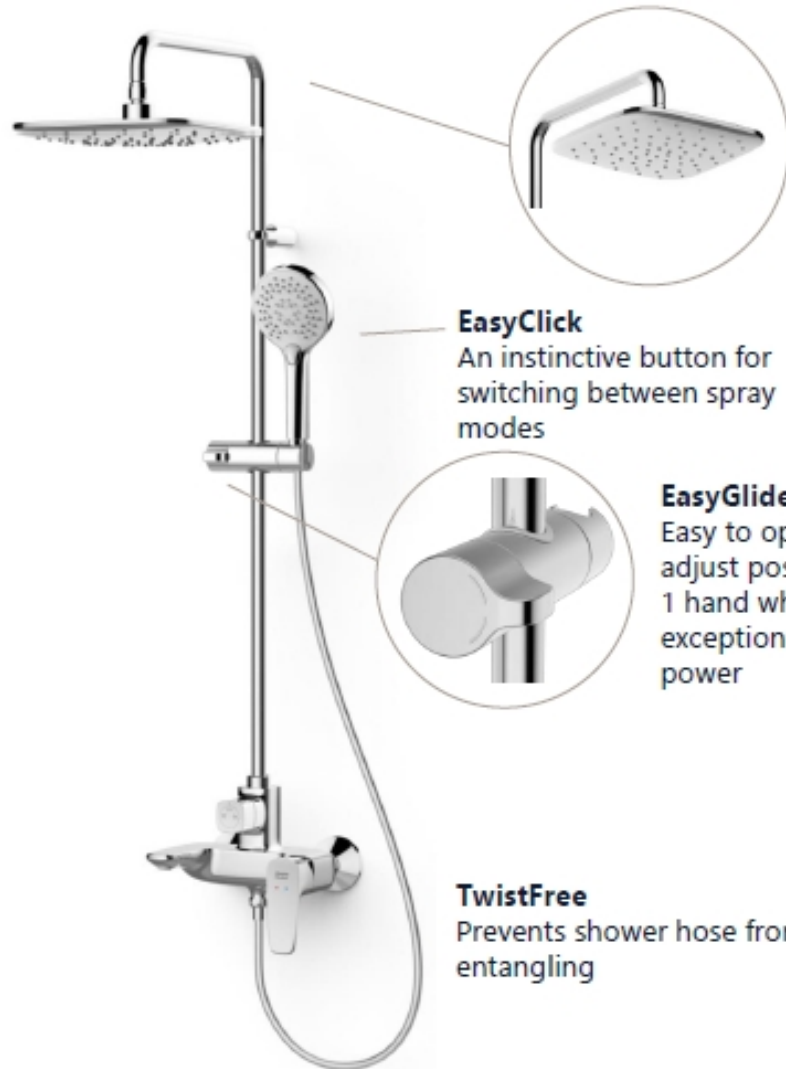
Extended basin mono

FFAS1707-1015L0BT0



Signature | Our Range

FITTINGS | Exposed Bath & Shower Mixer with Rainshower Kit



EasyClean
Allows easy removal of limescale, mold or dirt

Airnergize
Air-infused water provides a luxurious shower experience while using lesser water

EasyClick
An instinctive button for switching between spray modes



EasyGlide
Easy to operate and adjust position even with 1 hand whilst retaining exceptional holding power

TwistFree
Prevents shower hose from entangling



3 Way Dialing Diverter
Controlling 3 outlets with one diverter



Intuitive Graphics
improved intuitive graphics on the knob

Signature | Our Range

FITTINGS | Exposed Bath & Shower Mixer with Rainshower Kit



**Exposed bath & shower mixer
with rainshower kit**

FFAS1772-701500BCO



Exposed shower mixer

FFAS1712-709500BCO



Exposed bath & shower mixer

FFAS1711-609500BCO



Signature | Our Range

FITTINGS | Concealed Mixers



Comfort Angle

Adjustable water flow angle for a comfortable, perfect splash-proof experience. (For WM faucet)



Low Lead

Minimal lead content provides better health protection compared to standard brass. (For WM faucet)



ComfortMove

Smooth handle performance for optimal precision and comfort.



DuraShine

Shiny chrome finishing gives an enduring brilliance.



Pull out Diverter

Easy to operate even with the wet hands due to the rim on the tip of the diverter



DZR Brass

DZR Brass can meet the requirement in AUS and Singapore without any specification change. (For concealed showers)

Signature | Our Range

FITTINGS | Concealed Mixers



Concealed shower mono

FFAS1726-701500BTO



Concealed shower mixer

FFAS1722-709500BCO




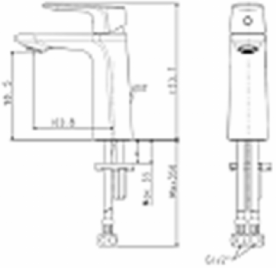

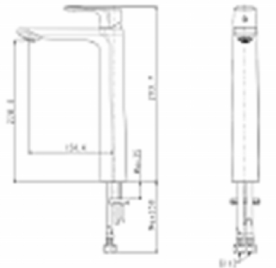

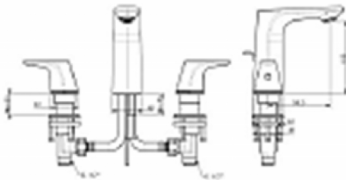
Concealed bath & shower mixer

FFAS1721-609500BCO




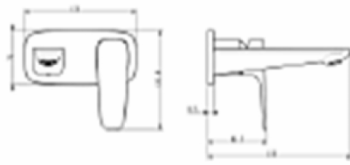

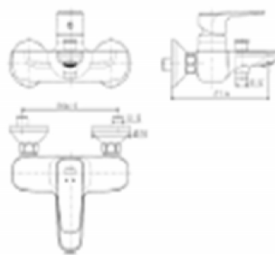

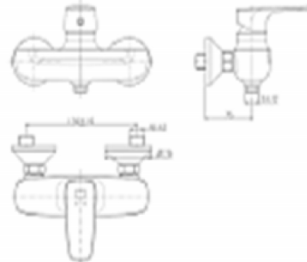
Fittings Specifications

Basin Mixers

Photo	Drawing /Dimension	Product Name	Specification
		<p>Signature Single Hole Basin Mixer With Pop-up Drain</p>	<ol style="list-style-type: none"> 1. 28mm cartridge from Lixil Germany 2. Body – Low Lead Brass, Chrome finish 3. Zinc die casting handle 4. Brass/Plastic Pop-up Drain 5. Slim Air Aerator 6. Normal Brass inlet hose
		<p>Signature Single Hole Extended Basin Mixer With Pop-up Drain</p>	<ol style="list-style-type: none"> 1. 28mm cartridge from Lixil Germany 2. Body – Low Lead Brass, Chrome finish 3. Zinc die casting handle 4. Brass Press-action Pop-up Drain 5. Slim Air Aerator with adjustable function 6. Normal Brass inlet hose
		<p>Signature 3-Hole Basin Mixer With Pop-up Drain</p>	<ol style="list-style-type: none"> 1. 90 ° Ceramic Cartridge 2. Body – Low Lead Brass, Chrome finish 3. Zinc die casting handle 4. Brass/Plastic Pop-up Drain 5. Slim Air Aerator with adjustable function 6. Normal Brass inlet hose


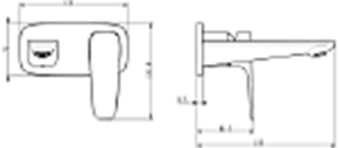
Fittings Specifications

Basin Mixer / Exposed Bath & Shower Mixer / Exposed Shower Mixer

Photo	Drawing /Dimension	Product Name	Specification
		<p>Signature Wall Mounted Basin Mixer With Pop-up Drain</p>	<ol style="list-style-type: none"> 1. 35mm cartridge from Lixil Germany 2. Body – Low Lead Brass, Chrome finish 3. Zinc die casting handle 4. Slim Air Aerator with adjustable function 5. W Press action pop-up
		<p>Signature Exposed Bath & Shower Mixer</p>	<ol style="list-style-type: none"> 1. 35mm cartridge from Lixil Germany 2. Body – Normal Brass, Chrome finish 3. Zinc die casting handle 4. Signature Pull-out diverter 5. Slim Air Aerator 6. W/O shower kit
		<p>Signature Exposed Shower Mixer</p>	<ol style="list-style-type: none"> 1. 35mm cartridge from Lixil Germany 2. Body – Normal Brass, Chrome finish 3. Zinc die casting handle 4. W/O shower kit


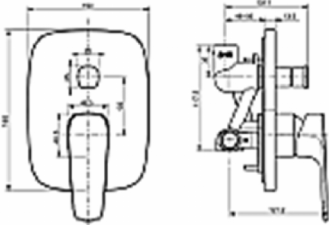

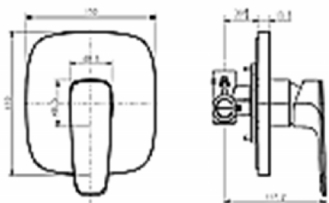

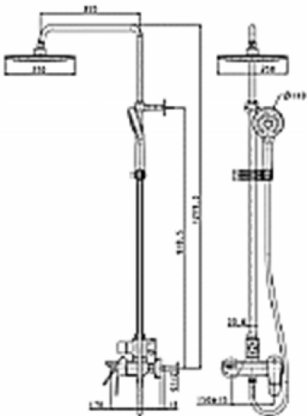
Fittings Specifications

Basin Mixer (Wall-mount)

Photo	Drawing /Dimension	Product Name	Specification
		Signature Wall Mounted Basin Mixer Without Pop-up Drain	<ol style="list-style-type: none">1. 35mm cartridge from Lixil Germany2. Body – DRZ Brass, Chrome finish3. Zinc die casting handle4. Slim Air Aerator with adjustable function5. W/O Press action pop-up

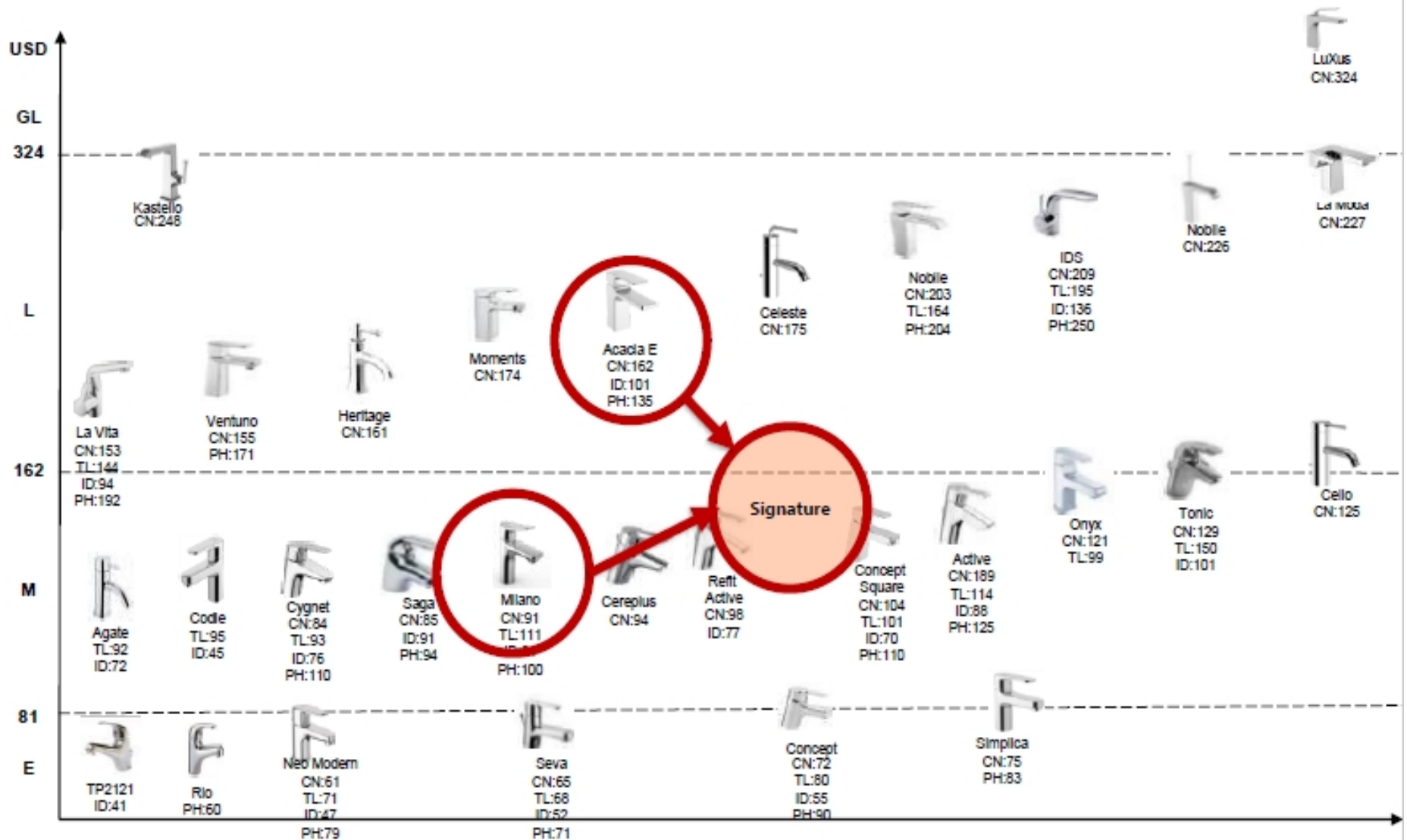
Fittings Specifications

Concealed Bath & Shower Mixer / Concealed Shower Mixer / Rainshower Kit

Photo	Drawing /Dimension	Product Name	Specification
		<p>Signature Concealed Bath & Shower Mixer</p>	<ol style="list-style-type: none"> 1. 35mm cartridge from Lixil Germany 2. Body : Traditional concealed body DRZ Brass, Chrome finish plates 3. Zinc die casting handle 4. ABS Escutcheon without screw hole 5. Pull-out Diverter
		<p>Signature Concealed Shower Mixer</p>	<ol style="list-style-type: none"> 1. 35mm cartridge from Lixil Germany 2. Body : Traditional concealed body DRZ Brass, Chrome finish plates 3. Zinc die casting handle 4. ABS Escutcheon without screw hole
		<p>Signature Exposed Bath & Shower Mixer With Integrated Rain Shower Kit</p>	<ol style="list-style-type: none"> 1. 35mm cartridge from Lixil Germany 2. Body – Normal Brass, Chrome 3. Zinc die casting handle 4. Signature 3-way Diverter (90° Step) 5. Slim Air Aerator 6. Moonshadow 9A09 Rain Shower bar 7. 1.5m Silver PVC Twist-free shower hose 8. NEW RainClick 110 Round 3 Function Hand Shower 9. 250mm Round Square Air-in Rain Shower Head 10. EasyGlide Shower holder

Signature | Fittings

Product Mapping



SUMMARY

Signature...

1. Is American Standard's new bathroom collection of toilets, basins and fittings products incorporating all design elements and a new geometric shape – the SUPERELLIPSE . It's **sleek, thin-edged products create a clean and minimalistic feel that modernizes any bathroom.**
2. Has **toilets that comes with HygieneClean System**, a most comprehensive suite of technologies incorporated to **ensure the highest level of hygiene in our toilet.**

It includes our anti-bacterial glaze **Comfort Clean** which effectively inhibits the growth of bacteria and our **Aqua Ceramic** anti-stain technology which prevents stains from sticking. Flushing wise, there are **SiphonMax with power rim** and **Double Vortex with hygiene rim** variants to effectively clean away all waste both in the rim and bowl.

3. Has a **wide range of basins and fittings products** to complement the toilets **for a coordinated bathroom style.**

American Standard



**SIGNATURE.
HERALDING A NEW ERA.**

American Standard

Raising The Standard

PART OF **LIXIL**

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