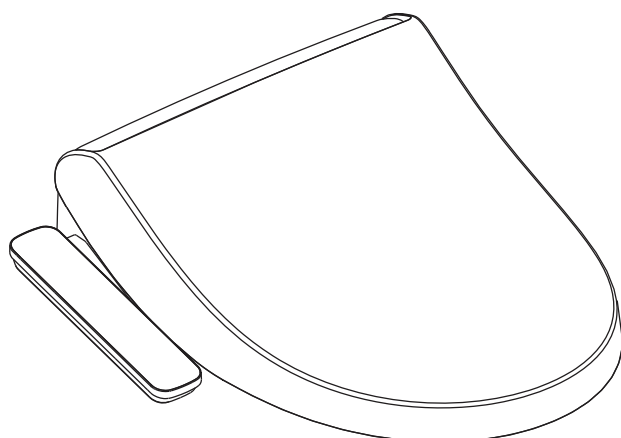




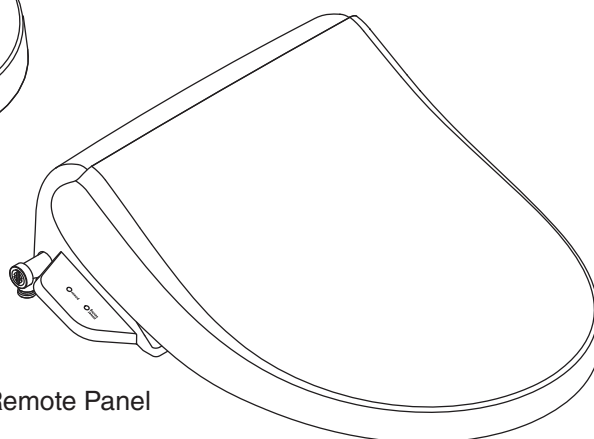
INSTALLATION & USER'S MANUAL

Advanced Clean

SpaLet™



Side Panel



Remote Panel

Thank you for purchasing this product.

After reading this manual, please keep it in a place where you can refer to it easily.

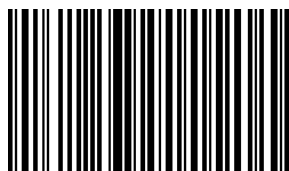
BE SURE TO FOLLOW THE SAFETY PRECAUTIONS.

Failure to follow the safety precautions may result in serious accidents in some circumstances.

Each of these items are extremely important for safety, and should be strictly observed.

In the event that an accident occurs as a result of improper usage, American Standard will assume no responsibility for damages.

©2017 AS America Inc.
SPALET is a trademark of AS America, Inc.



760230-110

INSTALLATION

TABLE OF CONTENTS

1. Important Safeguards	3
2. Product Description	5
3. Installing This Product	6
Installation Requirements.....	6
Contents.....	6
Ground Fault Circuit Breaker	7
Power Supply.....	7
Grounding.....	7
Installation Location.....	7
Water Supply	7
Checking the Bathroom	7
Measure the size of the Toilet.....	8
Conditions for using Water Supply Hose	8
Illustrated Parts Breakdown	9
Overview.....	9
Strainer.....	9
Operating Panel.....	10
Installation	11
Operational Check.....	16
4. Operation Manual / Table of Contents	17

1. IMPORTANT SAFEGUARDS

When using electrical products, especially when children are present, the basic safety precautions should always be observed.

READ ALL THE INSTRUCTIONS BEFORE USING THIS PRODUCT

The following safety terms are used in this manual to warn against different hazardous situations:

DANGER– To reduce the risk of electrocution:

1. Do not place or store product where it can fall or be pulled into a tub or sink.
2. Do not place in or drop into water or other liquid.
3. Do not reach for a product that has fallen into water. Unplug immediately.



WARNING

To reduce the risk of burns, electrocution, fire or injury to persons:

1. When small children, elderly persons, persons with limited mobility or people with illness are using this product, ensure that the proper operating procedures are followed at all times to ensure the user's safety.
2. When you are using this product for a long period of time, set the seat temperature to "Off".
For the following persons, be sure to set the seat temperature to "Off" when they are using this product.
(Children, elderly persons, persons with illness, persons with limited mobility, persons with sensitive skin, persons who are taking medicines that cause drowsiness, persons who are intoxicated, or persons who are extremely fatigued.)
* Using the toilet for a long period of time without setting the seat temperature to "Off" may result in low temperature burns.
Low Temperature Burns
A low temperature burn may occur when the skin has been in contact for some time with an object at relatively low temperature (about 104 °F [40 °C]). Susceptibility to burns also depends on an individual's skin sensitivity and other factors.
3. This product should be used only as described in this manual. Do not use attachments that are not recommended by the manufacturer.
4. Never operate this product if it has a damaged cord or plug, if the plug is loose in the outlet, if it is not working properly, or if it has been dropped or damaged. If the plug is inserted or disconnected by holding the cord, the plug or cord may be damaged resulting in fire or electric shock.
5. Keep the cord away from heated surfaces.

continued on page 4

6. Never block the air openings of the product. If lint or hair, etc. is stuck in the air openings, remove it immediately.
7. Never use while sleeping or feeling drowsy.
8. Never drop or insert any object into any opening or hose.
9. Connect this product to a properly grounded outlet only. See Grounding Instructions.
10. This product should only be connected to a potable water supply line. Failure to do so will cause problems in the operation.
11. Do not pull out or insert the power plug with wet hands.
12. Disconnect the power plug periodically and clean it with a dry cloth. Dust accumulated on the power plug may cause fire.
13. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.

To reduce the risk of minor injury or property damage:

1. This product should only be connected to a 120 V AC, 60 Hz GFCI-protected outlet.
2. For care of the plastic parts, our company recommends the use of a mild liquid or an all-purpose cleaner. Avoid using abrasive products (such as powdered cleansers) and chlorine-based products (such as bleach), as these products can damage the anti-bacterial properties of the plastic components.
3. If the toilet seat or the body cover is damaged, pull the power plug out of the outlet.
4. Do not stand on the toilet seat lid, as it may break.
5. Do not lean back against the lid during use, as this may damage or break the lid.
6. Install this product according to this installation manual. Improper installation may result in electrocution, fire, or a water leak.
7. Do not forcefully pull on the bidet nozzle or turn it as this may cause it to fail.
8. Do not apply unnecessary force to the water supply hose as it could result in damage and cause water to leak.
9. To prevent the toilet seat and toilet seat lid from slamming down, a damping mechanism is provided to lower them gradually. If the toilet seat or toilet seat lid is closed abruptly or too forcefully, this product could be damaged or fail.

SAVE THESE INSTRUCTIONS

2. Product Description

This product incorporates a set of features to improve personal toilet hygiene and comfort. These features include rear cleansing, front cleansing and a seat heater as well as the required controls for these features.

This product includes a seat unit (with heated toilet seat, toilet seat lid, warm water tank, and power cord), hardware for installing the seat unit on a toilet and connecting it to the water supply and this installation and user's manual.

This product incorporates the following features:

- rear cleansing with water flow strength controls
- front cleansing with water flow strength controls
- seat heater with heat level control
- rear and front cleansing water temperature control
- seat and water temperature indicators
- rear and front nozzle self-cleaning
- stop button for rear cleansing, front cleansing

Note:

- When transporting the product, take care not to inadvertently bump or drop it.
- This product has been already inspected using tap water. A small amount of water may be detected when installing the unit; this should not be a cause for concern.

3. Installing This Product

Installation Requirements

Before installing this product, ensure that each of the following installation requirements are met.

Contents

Remove the parts from the box and make sure all the parts in the parts list (below) are present. Inspect the parts carefully to make sure they are in good condition.

If any part is damaged or missing, do not install this product. Contact a customer service representative for the part(s) you need.

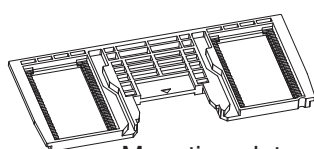
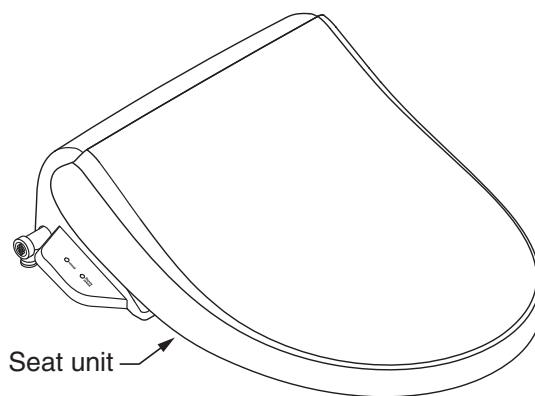
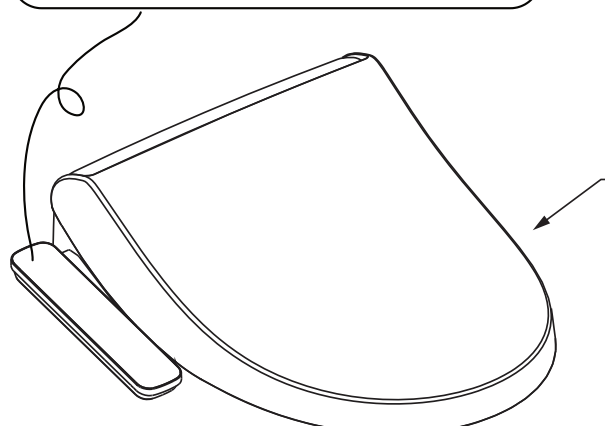
The following parts are included:

- Seat unit (with heated toilet seat, toilet seat lid and power cord)
- Mounting plate
- Manual
- Mounting bolts, brackets, and bushings (2 pieces each)
- Seat unit water supply hose (with 1 clip and 1 washer)

FOR REMOTE VERSION ONLY:

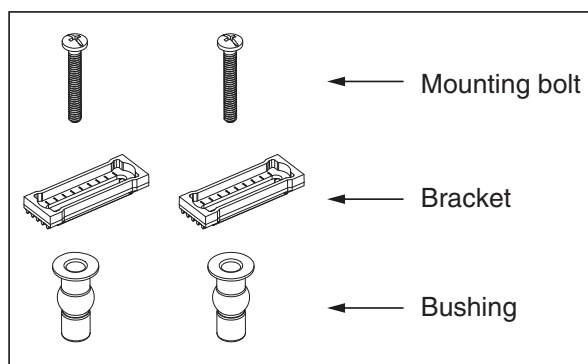
- Remote control
- Bracket
- Batteries
- Wood screw
- Plastic anchors

Side Panel



Mounting plate
(This plate attaches to the seat unit.)

Manual



Mounting bolt

Bracket

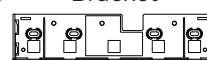
Bushing

*Remote control unit and bracket are packed in the box.

Remote control unit



Bracket



For remote control unit



Batteries (2)

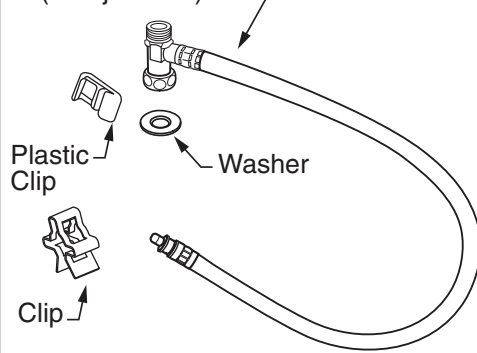


Wood screws



Plastic anchors

Water supply hose
(w/ T-junction)



GROUNDING INSTRUCTIONS

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

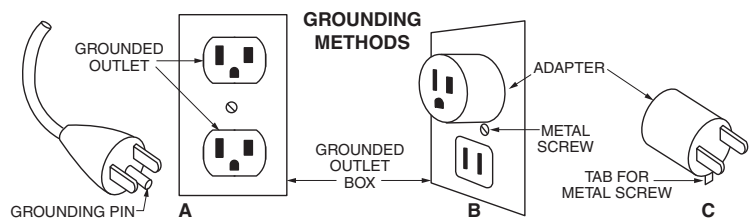
DANGER— Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

This product is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in sketch A. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug, and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by the screw.

If it is necessary to use an extension cord, use only a three wire extension cord that has a three-blade grounding plug, and a three-slot receptacle that will accept the plug on the product. Replace or repair a damaged cord.



Installation Location

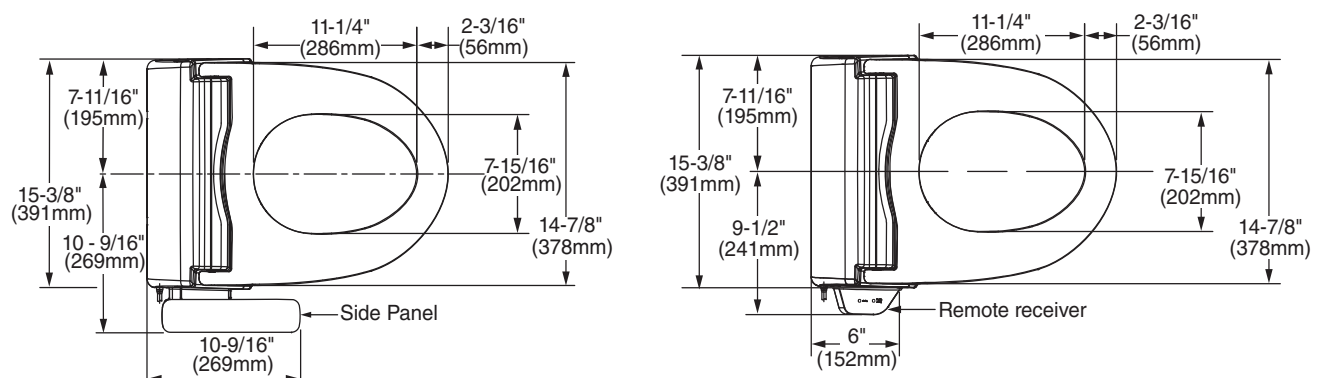
In order to prevent damage to the electronic components, install this product at a location that minimizes the possibility of it getting wet. In extremely humid conditions, provide adequate ventilation by operating an exhaust fan or opening a window or door.

Water Supply

Use only the tap water line to supply water to this product. The use of any other type of water i.e. ground water or well water may reduce functionality of product. The tap water pressure must be 8.5 to 106.7 psi (0.06 to 0.74 MPa, 0.6 to 7.5 kgf/cm²).

Checking the Bathroom

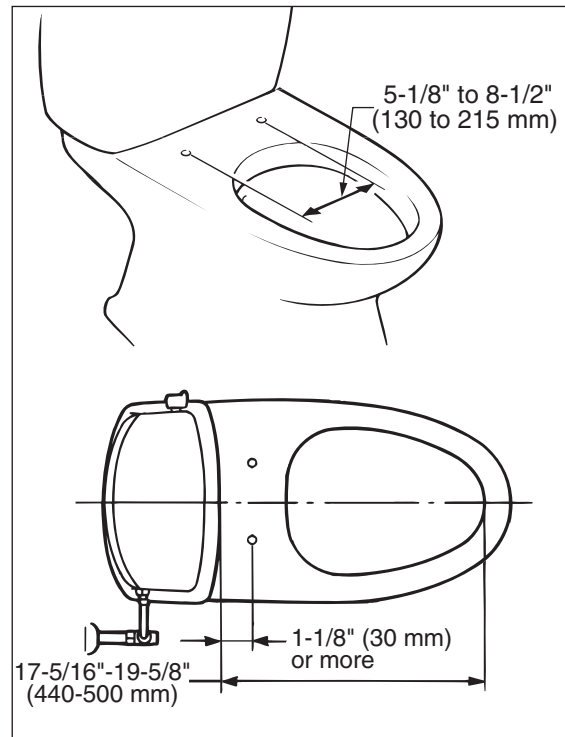
The dimensions required for mounting this product on a toilet are shown in the figure below. Check to make sure there is sufficient space inside the bathroom and that there are no obstructions.



1. Measure the size of the toilet.

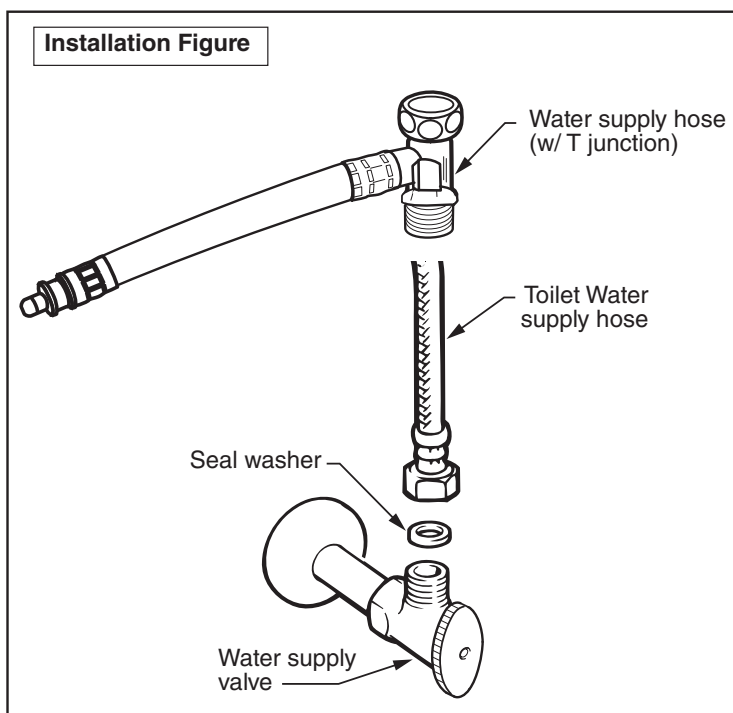
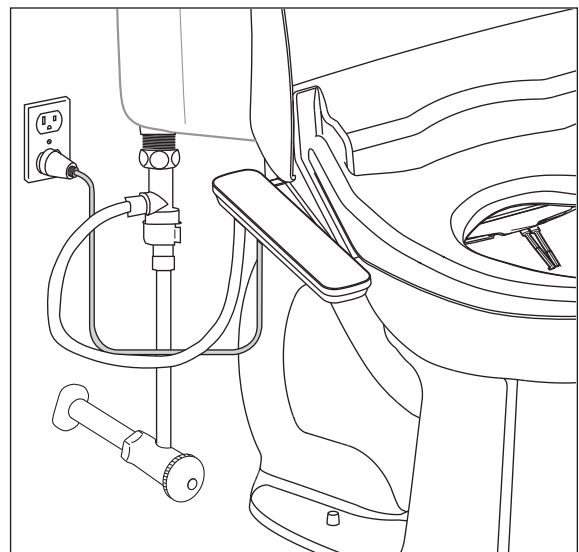
Depending on the size of the toilet, it may not be possible to mount this product on it.

Make sure the toilet's dimensions are as shown in the figure on the right.



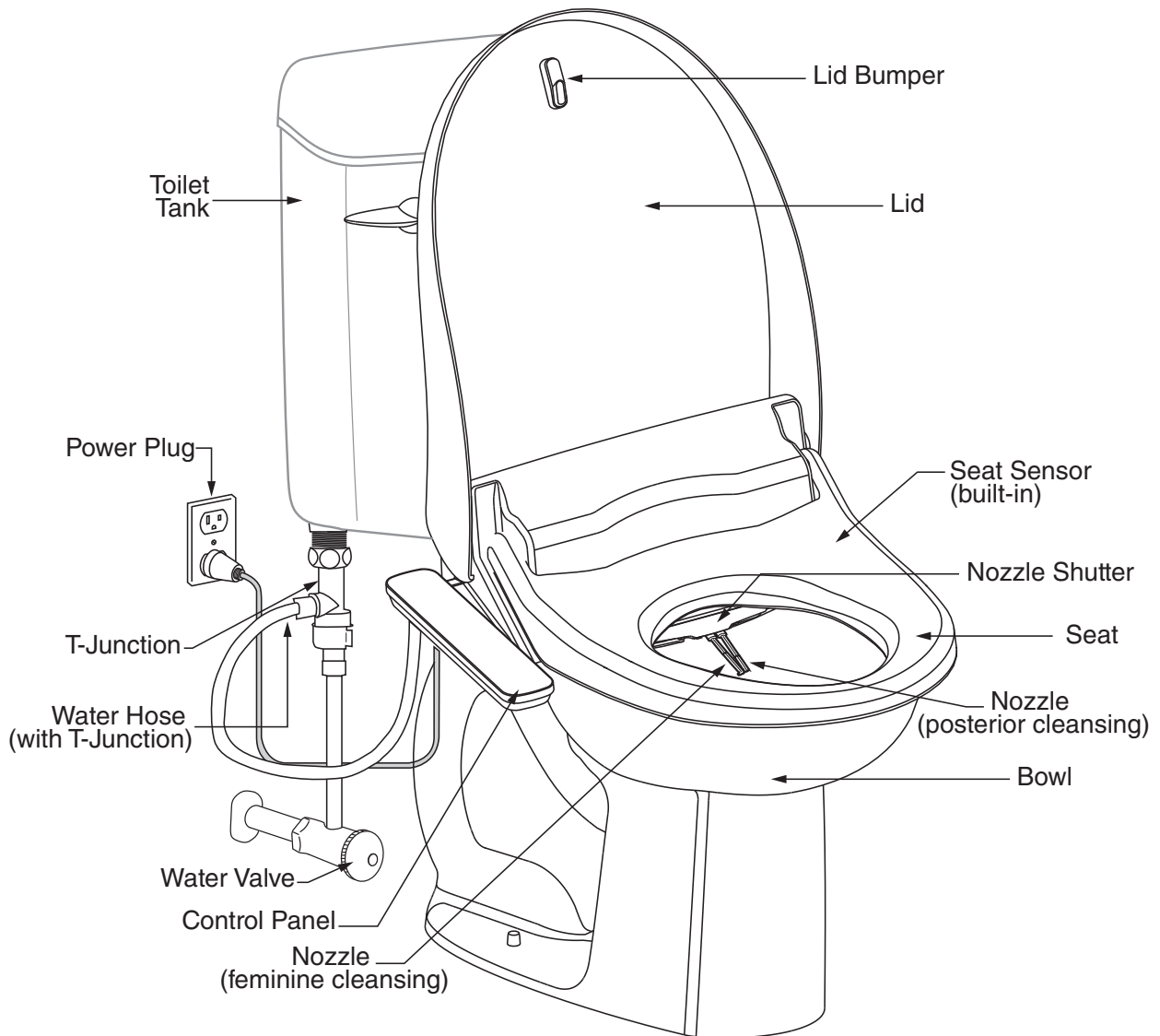
2. Conditions for using water supply hose (included)

The length of the water supply hose included with this product is $37\frac{3}{8}"$ (950 mm), but a length of $31\frac{1}{2}"$ (800 mm) from the junction fitting to the seat unit's water supply socket is appropriate. (Refer to the figure on the right)

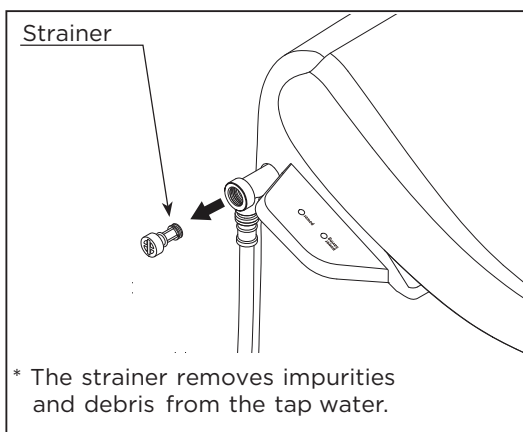


Illustrated Parts Breakdown

Overview

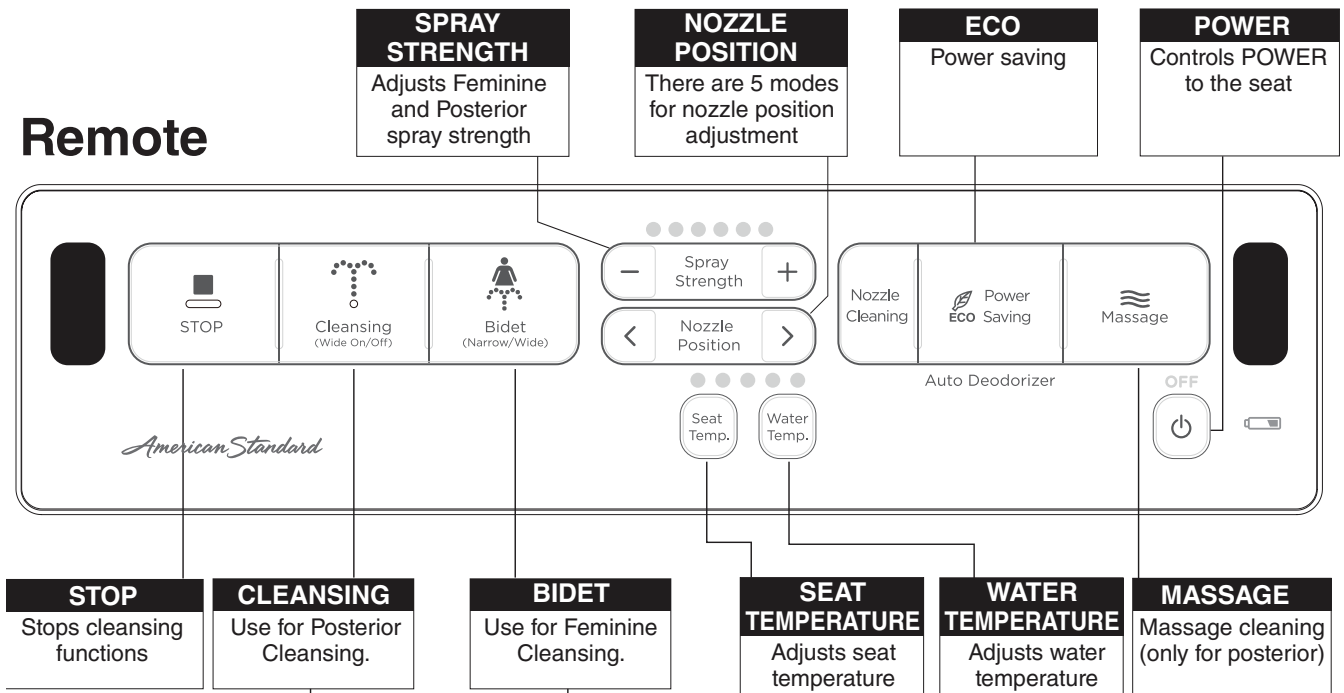


Strainer

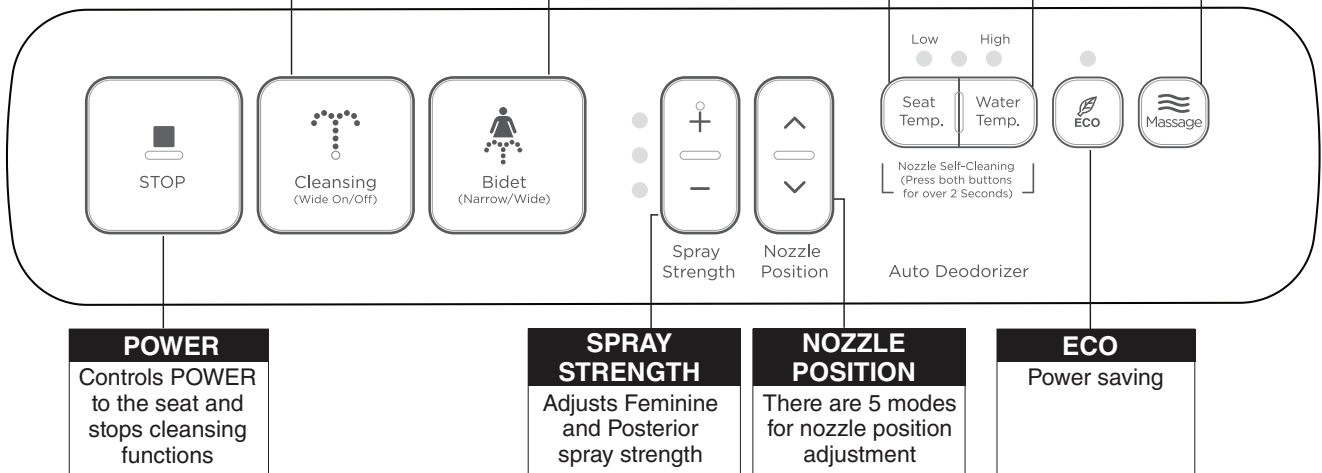


Operating Panel

Remote



Side Panel



1. Required tools

Have the following tools for installing this product: adjustable end wrench, Phillips head screwdriver, flat-blade screwdriver.

2. Install the junction fitting

- 1) Close the toilet water shutoff valve fully.
- 2) Flush the toilet and empty all the water from the tank.
- 3) Place a wash bowl or other container underneath the tank water supply hose. Then loosen the box nut on the tank inlet side and remove it.

CAUTION

- Be careful not to damage the water supply hose.

- 4) Place the packing in the junction fitting box nut and connect the tank inlet to the junction fitting.

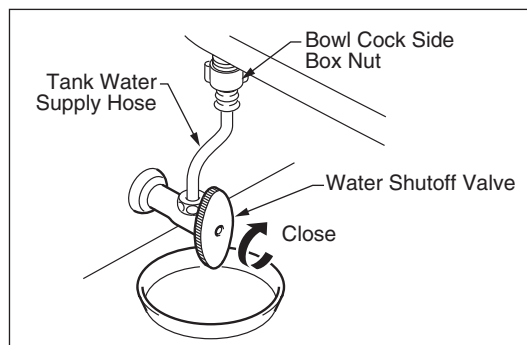
CAUTION

- Do not overtighten the nut.

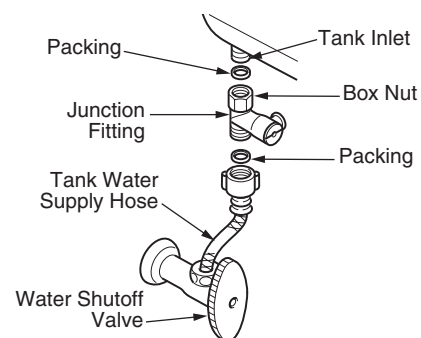
- 5) Insert the packing in the tank water supply hose box nut and connect the tank water supply hose to the junction fitting.

CAUTION

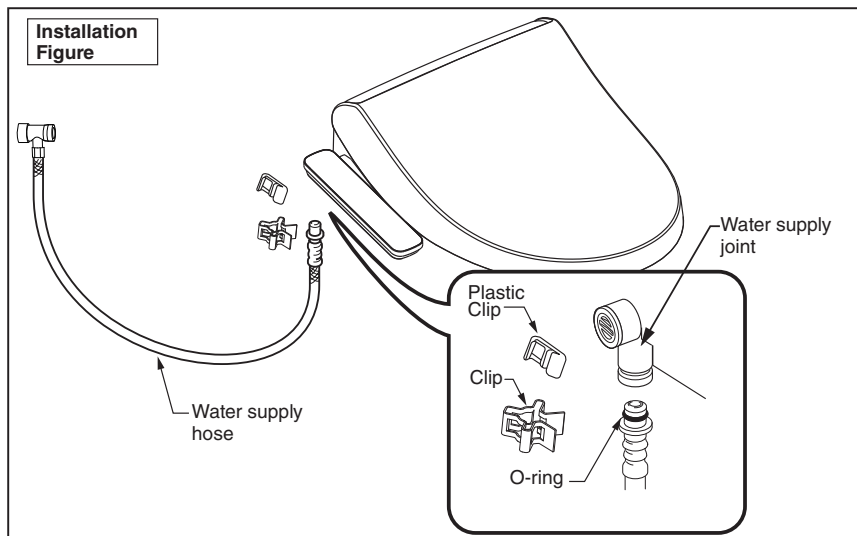
- Do not overtighten the nut.



Installation Figure

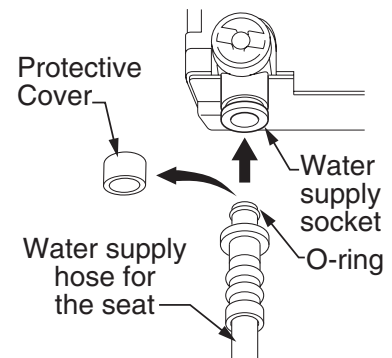


3. Installation of water supply hose to the bidet



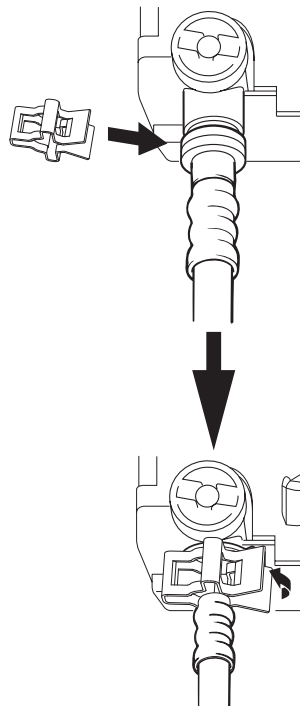
- 1) Remove the protective cover from the end of the water supply hose, and pull out the cap from the water supply connection socket.
- 2) Connect the water supply hose for the bidet to the water supply connection socket.

WATER SUPPLY CONNECTION SOCKET



- 3) Insert the attachment clip onto the water supply hose to attach it to the bidet and water supply connection socket.

*The attachment clip can be attached in any direction.



- 4) Bend the clip end and firmly clip together both the feeding hose for the bidet and the feeding socket. After you install the clip, twist it in both directions to verify that it is firmly attached, then attach the final attachment clip over the primary clip to secure in place.

- 5) Insert the clip until you feel the clip edge click.

*If not firmly inserted, it may cause water leaks

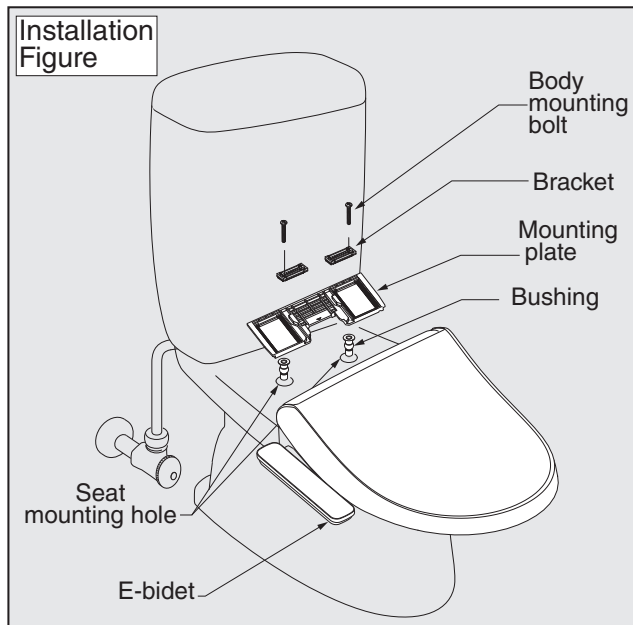
CAUTION

- Be careful not to damage the O-ring.
- *A damaged O-ring may cause water to leak.

CAUTION

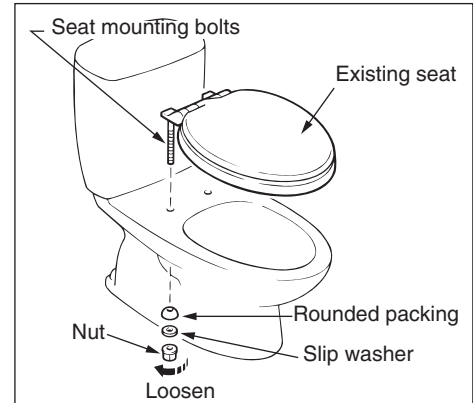
- Firmly insert the clip.
- *If the clip is not firmly inserted, it may cause water leaks.

4. Installation of the bidet



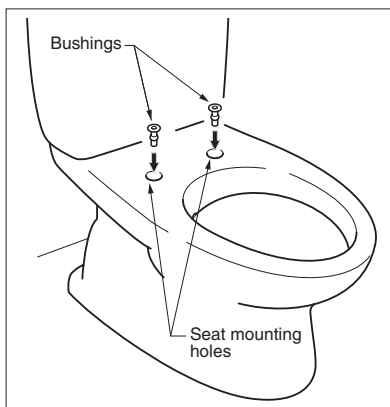
(1) Remove the existing seat.

- 1) Remove the nuts from the seat mounting bolts, the slip washers, and rounded packing.
- 2) Raise the seat and remove it by lifting the seat mounting bolts.

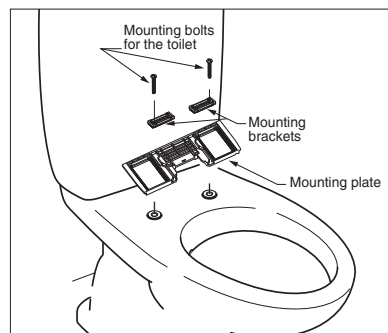


(2) Install the slide plate onto the seat.

- 1) Insert the bushings into the seat mounting holes.



- 2) Insert the mounting bracket into the mounting plate and use the mounting bolts to attach the slide plate to the seat.

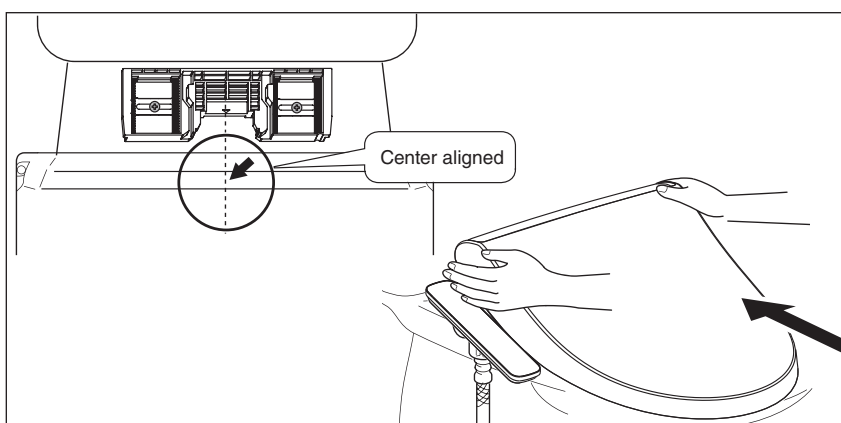


References

- Some toilet seats may require different methods of removal that differ from our explanation.

(3) Install the bidet.

- 1) Place the bidet on the toilet and align the seat to the mounting plate.
- 2) Slightly raise the front side of the bidet, slide it until the slide plate is fully inserted, and then press the locking lever to secure the bidet.



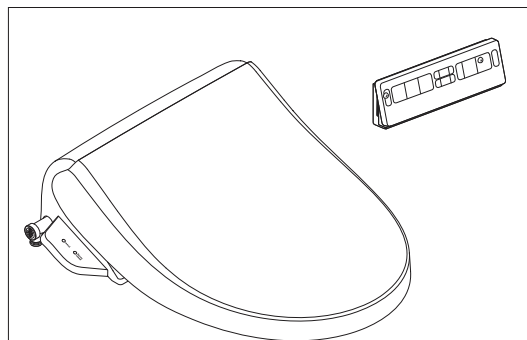
5. Install the remote control unit

* For Remote Version Only

- (1) Open the back cover of the remote control unit and insert the 2 size AA batteries.

CAUTION

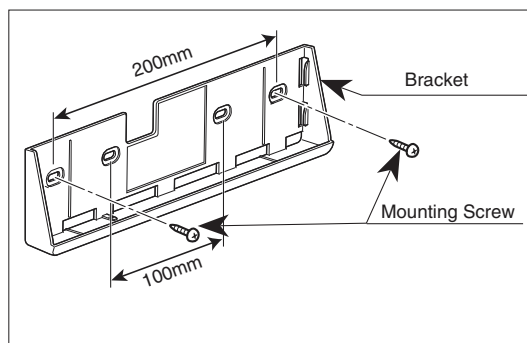
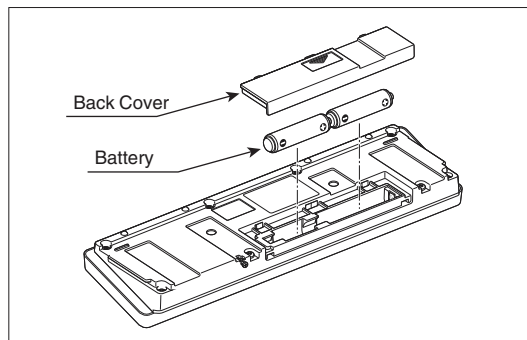
- Insert each battery so its positive pole touches a positive connector in the battery compartment and its negative pole touches a negative connector.



- (2) Position the bracket on the wall in the location you chose for the remote control unit. Mark the location of the mounting holes on the wall. Fasten the bracket to the wall, drilling holes and using the fasteners appropriate for the wall material, as described below.

CAUTION

- Leave enough space above the top of the remote control unit to allow the unit to be removed and replaced.

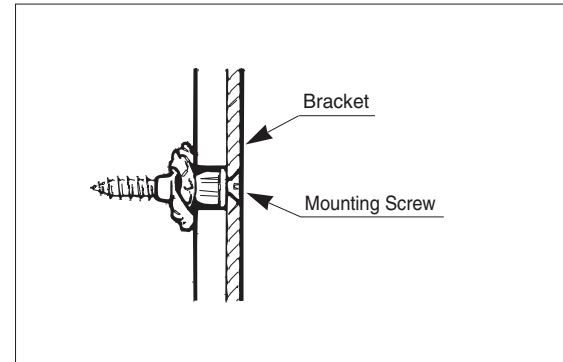
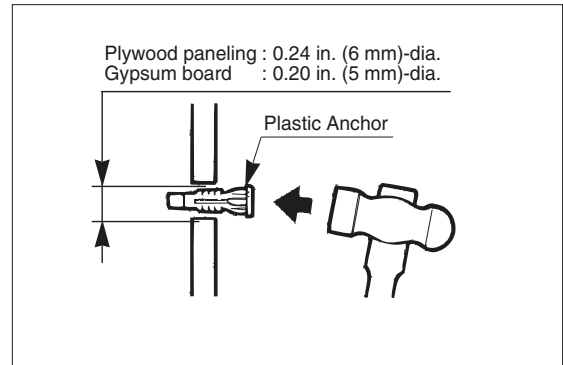


If mounted in plywood paneling 0.20 in. (5 mm) or greater in thickness:

Fasten the bracket to the wall with the mounting screws.

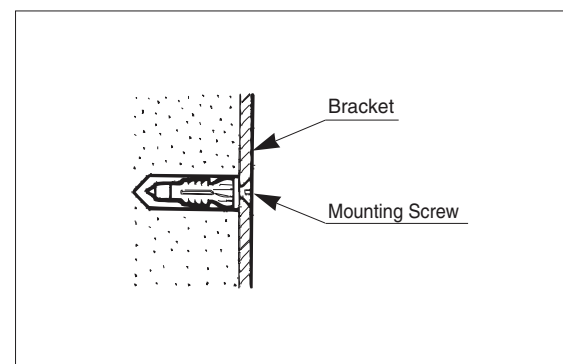
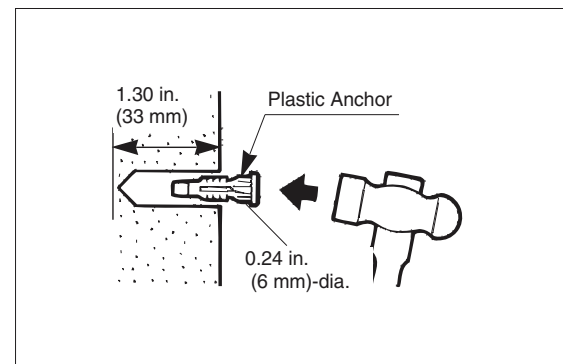
If mounted either in plywood paneling 0.20 in. (5 mm) or less in thickness or in gypsum board:

- 1) In plywood paneling, drill holes with a diameter of 0.24 in. (6 mm); in gypsum board, drill holes with a diameter of 0.20 in. (5 mm):
- 2) Using a hammer, gently drive the plastic anchors into the holes.
- 3) Fasten the bracket securely to the anchors using mounting screws. As you tighten the screws, they are hard to turn at first, then gradually get easier to turn, and then are hard to turn again.

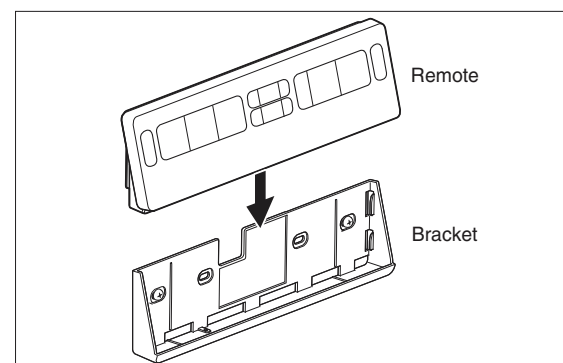


If mounted in concrete:

- 1) Drill holes with a diameter of 0.24 in. (6 mm) and a depth of approximately 1.30 in. (33 mm).
- 2) Using a hammer, gently drive the plastic anchors into the holes.
- 3) Fasten the bracket securely to the anchors using mounting screws.



- (3) Align the remote control unit with the bracket and then push it down onto the bracket.

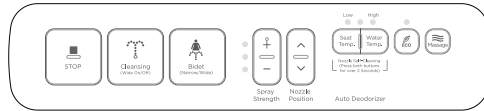
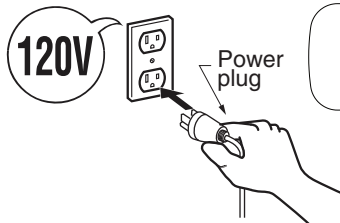


Operational Check

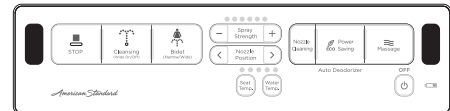
Follow the procedure below after the installation work has been completed.

1. Insert the power plug into the outlet.

Confirm that the LED on the seat unit is lit.



Side Panel Version



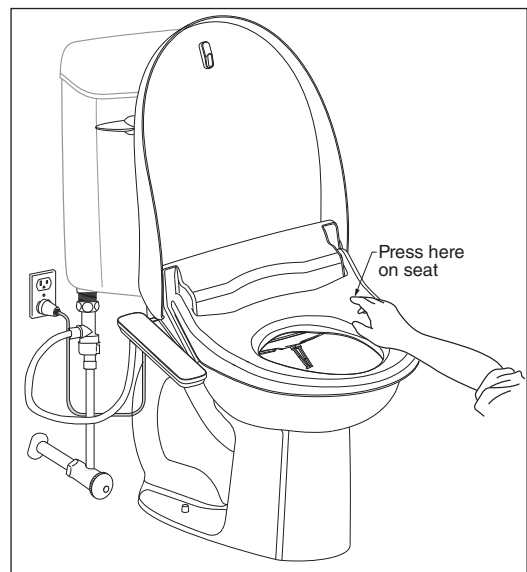
Remote Control Version

2. Check the Feminine and Posterior cleansing spray.

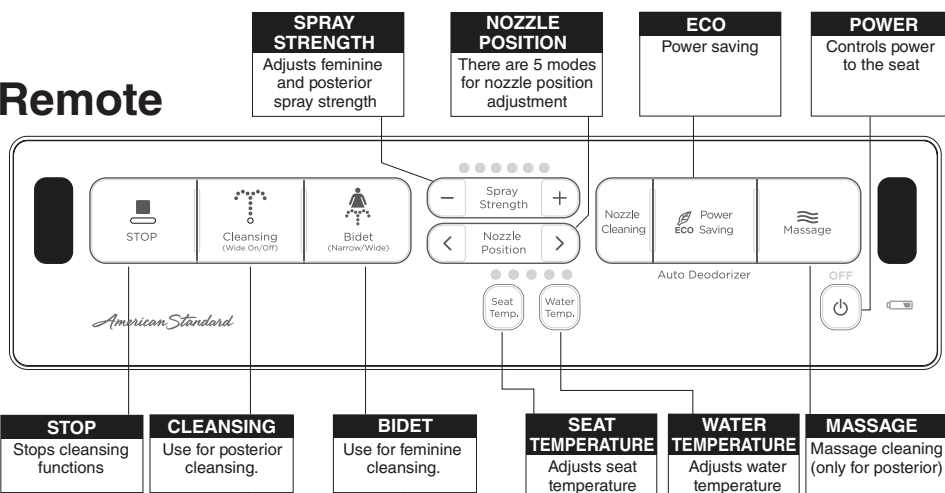
(1) Check the cleansing operation.

- 1) With your forearm resting on the toilet seat, press the cleansing button.
The shower automatically stops two minutes after the switch is turned on.
- 2) When the nozzle extends, cover the tip of the nozzle with your hand to catch the spray.
- 3) Press the STOP button to stop the cleansing spray.

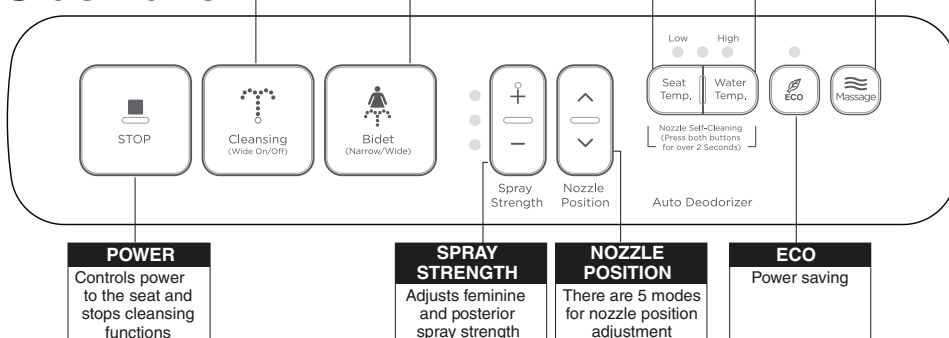
(2) Perform the same check using the front cleansing spray function.



Remote



Side Panel



OPERATIONAL MANUAL

TABLE OF CONTENTS

Additional Important Information.....	18
Product Functions.....	19
Side Panel / Remote Control.....	19
Preparations Before Use.....	20
How to Use the Basic Functions.....	21
How to Use the Convenient Functions.....	24
Maintaining This Product.....	28
Cleaning the Seat Unit.....	28
Cleaning the Nozzles.....	28
Changing the Nozzle Tip.....	28
Cleaning & Maintenance of the Deodorizing Screen.....	29
Cleaning the Inlet Strainer.....	30
Cleaning Areas Covered by the Toilet Seat Lid & Unit.....	31
Change Batteries for the Remote Control.....	32
Troubleshooting.....	33
Specifications.....	35
Warranty information & After-sales Support.....	36

Additional Important Information

- The capacity of the warm water tank is 0.88 L. Water temperature gradually drops when rear cleansing or front cleansing is used. If the water drops below a comfortable temperature, press the stop button and wait about 3 minutes for the water to reheat.
- The water temperature range is preset to the following temperatures:
 - Low: Approx. 90 °F (32 °C),
 - Medium: Approx. 93 °F (34 °C),
 - High: Approx. 97 °F (36 °C).It takes approximately 10 minutes to heat cold water (at about 41 °F [5 °C]) to the appropriate temperature (about 100 °F [38 °C]).

This product is designed to use the tap water pressure to extend the nozzles and spray water through them. When the tap water pressure is extremely low, the nozzles may not spray water at all when the water pressure is set to the lowest setting. If this occurs, adjust the Spray Strength.

When the toilet is new, a slight odor may come from the deodorizer. This will go away in a short time.

Before and after cleansing and when the water temperature adjustment button is pressed, etc., water is sprayed from the nozzle. This occurs by design and is not a cause for concern.

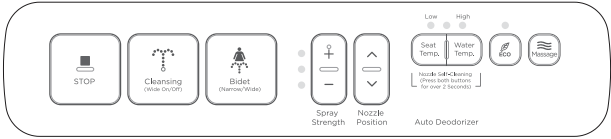
If water sprays while under any other configuration, or sprays constantly, close the water shutoff valve and remove the power plug from the wall outlet. Then, contact customer service.

This product is equipped with a seat sensor that prevents the water from spraying if nobody is sitting on the toilet seat. This prevents activation if the Bidet button is pressed when the toilet seat is unoccupied.

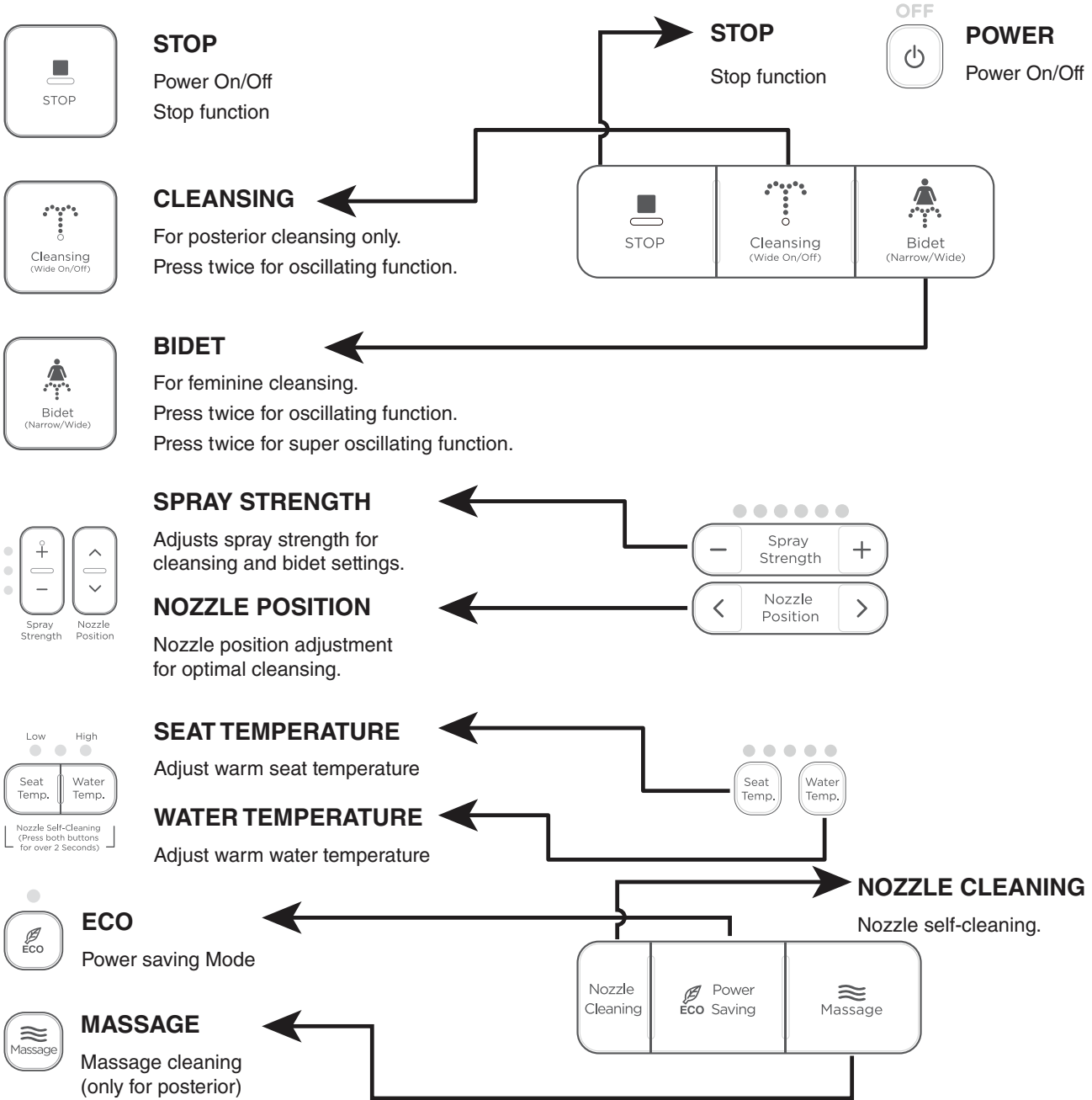
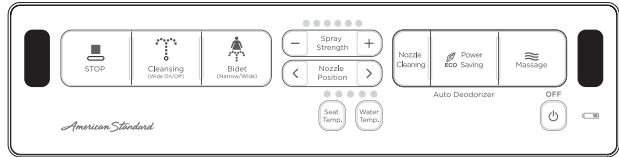


Product Functions

Side Panel



Remote



FOR DETAILED FUNCTIONS SEE OPERATION SECTION

Preparations Before Use

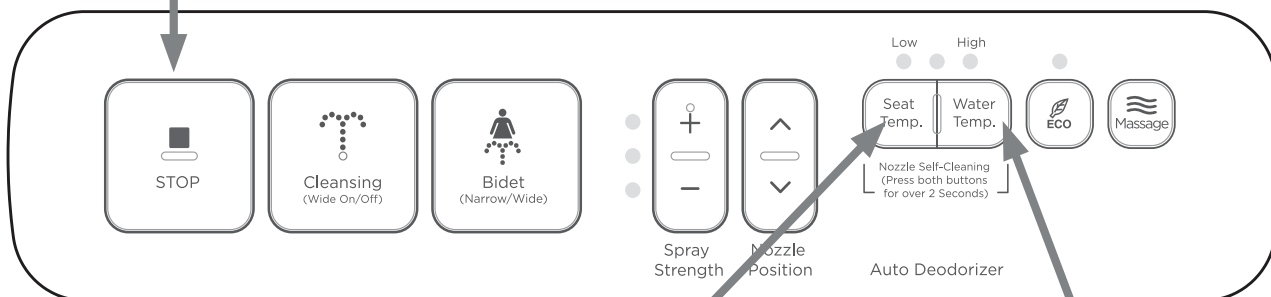
Performing the following operations before using the bidet allows you to use the toilet comfortably.

STOP (Turning the power on/off)

Press the STOP button to turn the power ON or OFF.

- * If the power is ON, the power LED on the indicator panel will light up.
- * When connecting the power cord to the outlet for the first time, the main power will automatically be on.

Side Panel



Seat Temp.

Adjust the temperature of the toilet seat using the Seat Temp. switch.

For Side Panel:

The seat temperature can be set to one of 3 default settings: HI, MID and LO.

For Remote Control:

The seat temperature can be set to one of 5 settings. Set it to your preferred temperature.

- * The indicator LED cycles through the temperature settings each time the temperature button is pressed.
- * The indicator LED goes out after several seconds.
- * 2 additional settings above default, for side panel only

Water Temp.

Adjust the temperature of the bidet using the Water Temp. switch.

For Side Panel:

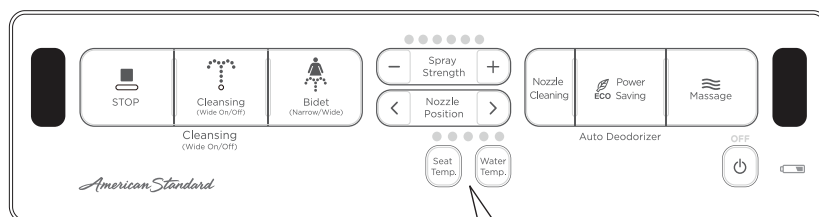
The water temperature can be set to one of 3 settings: HI, MID and LO.

For Remote Control:

The water temperature can be set to one of 5 settings. Set it to your preferred temperature.

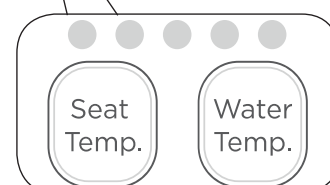
- * The indicator LED cycles through the temperature settings each time the temperature button is pressed.
- * The indicator LED stays on to indicate water temperature level.
- * 2 additional settings above default, for side panel only

Remote Control



Reference

- The toilet seat will not become warm instantly. To achieve a comfortable seat temperature, set the seat to the desired temperature about 10 to 15 minutes prior to use.
- This product is equipped with an ECO function that automatically switches the seat heater off when it is not occupied.
- The default setting for the seat temperature is "MID". The seat temperature can be increased or decreased incrementally.



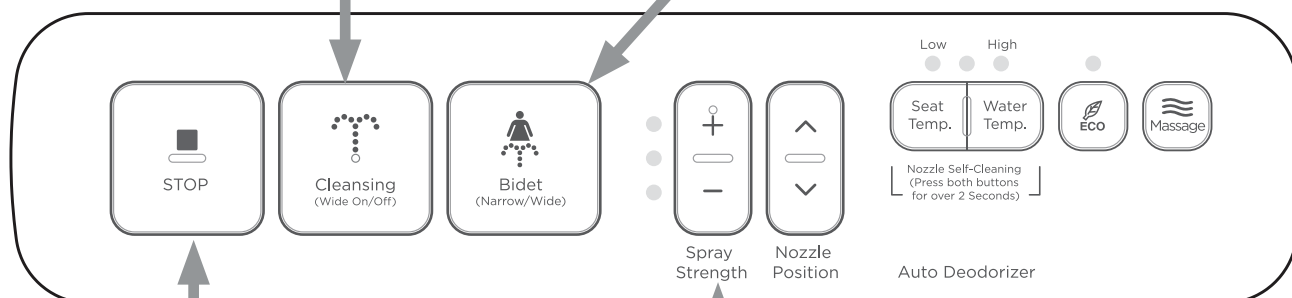
How to Use the Basic Functions

Cleansing

Water is sprayed from the posterior cleansing nozzle.

1 Press the Cleansing button.

Side Panel



3 Press the STOP button to stop the spraying.

* An automatic self-stop function is included which stops both rear and front cleansing automatically after 2 minutes.

Bidet

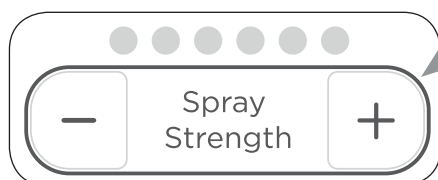
Water is sprayed from the feminine cleansing nozzle.

1 Press the Bidet button.

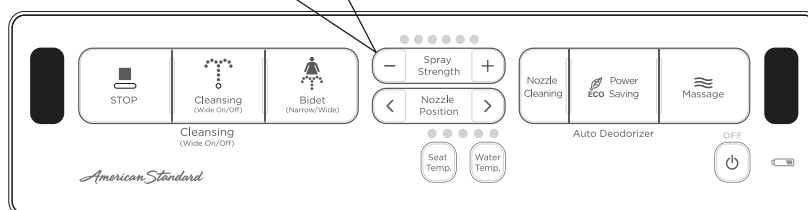
2 Press the [+] or [-] Spray Strength button to adjust the shower strength.

For Panel Control:
There are 3 levels of spray strength.
For Remote Control:
There are 6 levels of spray strength.
Adjust the spray strength as desired.

- * The indicator LED cycles through the spray strength settings each time the button is pressed.
- * The indicator LED goes out after several seconds 2 additional settings above default: press STOP and CLEANSING buttons simultaneously for 2 seconds.



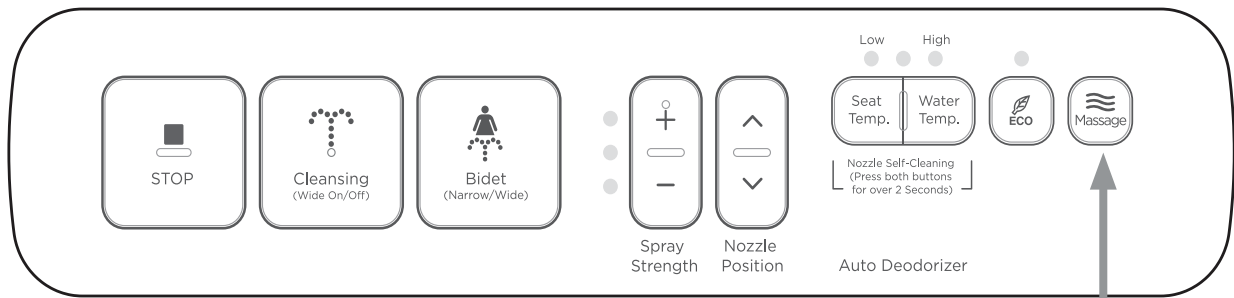
Remote Control



Massage Cleansing

Water pressure alternates between high and low during rear cleansing, providing a massaging effect.

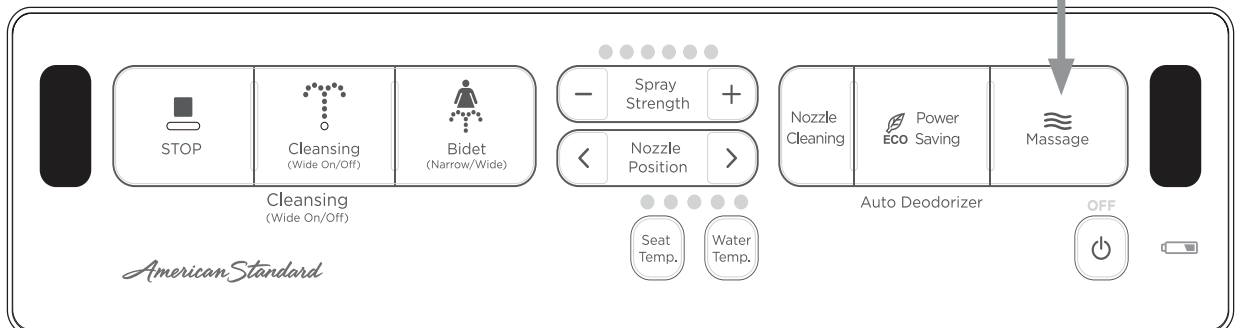
Side Panel



1 Press the Message button during posterior cleansing.

2 To stop the message spray, press the Message button again.

Remote Control



Deodorizing

1 Deodorizing starts when a person sits on the toilet seat.

- * This product is equipped with a deodorizer cartridge which absorbs odors from the toilet.

2 Deodorizing automatically stops after you stand up.

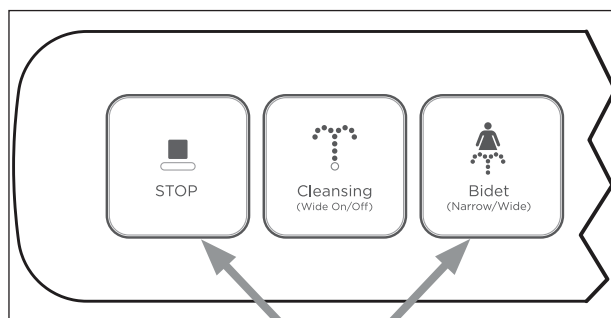
Stops after 5 seconds

To disable the deodorizer

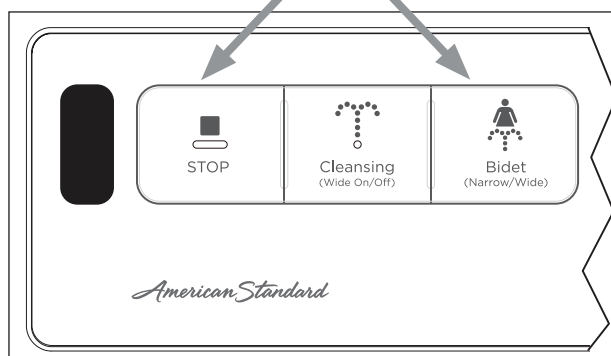
Press the STOP and Bidet buttons simultaneously for 2 seconds.

- * When the deodorizer feature is disabled, the power LED on the seat unit flashes momentarily. At this point, the deodorizer will no longer activate when a user is detected.
- * To restore the deodorizer function, press the STOP and Bidet buttons simultaneously for 2 seconds.

Only for Side Panel



Press the buttons simultaneously for 2 seconds.



Only for Remote Control

How to Use the Convenient Functions

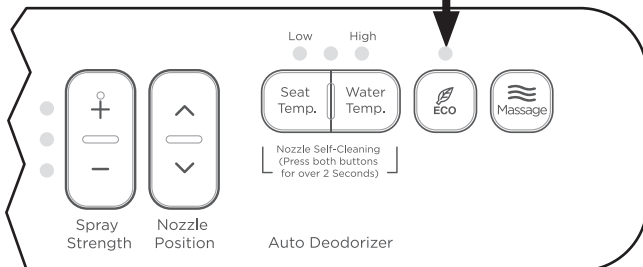
ECO button

One-Touch Power Save: Reduces power consumption by turning off the water and seat heater for 8 hours. The power settings are automatically restored after 8 hours.

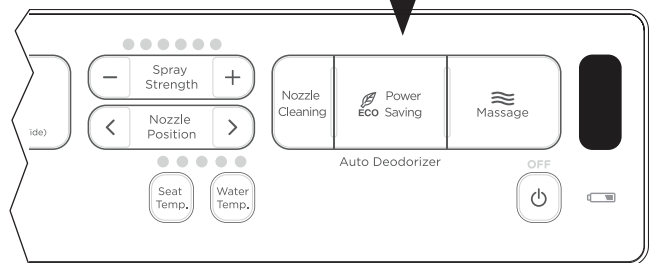
One-touch power save (8 hours)

- 1 Press the ECO button.**
For side panel, the power save ECO LED lights up.
For remote control, the power save ECO LED lights up on the seat next to the power LED.

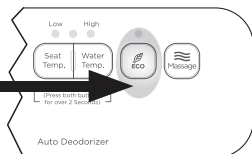
Only for Side Panel



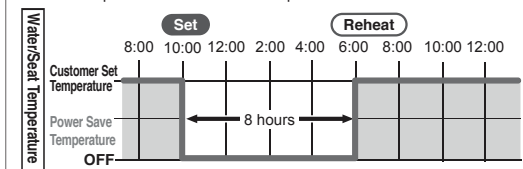
Only for Remote Control



Only for Side Panel



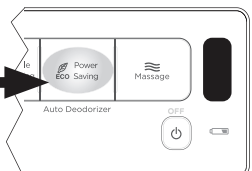
For example: when one-touch power save is set for 10:00



* For Side Panel:
When the One-Touch Power Save function is running, the ECO LED lights up.

* For remote control:
the ECO LED lights up on the seat

Only for Remote Control



- * Once 8 hours have passed, the power settings will automatically return to their original state. The power save LED will switch from flashing to off.
- * The one-touch power save is not automatically repeated everyday, but can be set any number of times in a day.

- 2 To cancel the ECO mode function, press the ECO button again.**
(The ECO power save LED will go out.)

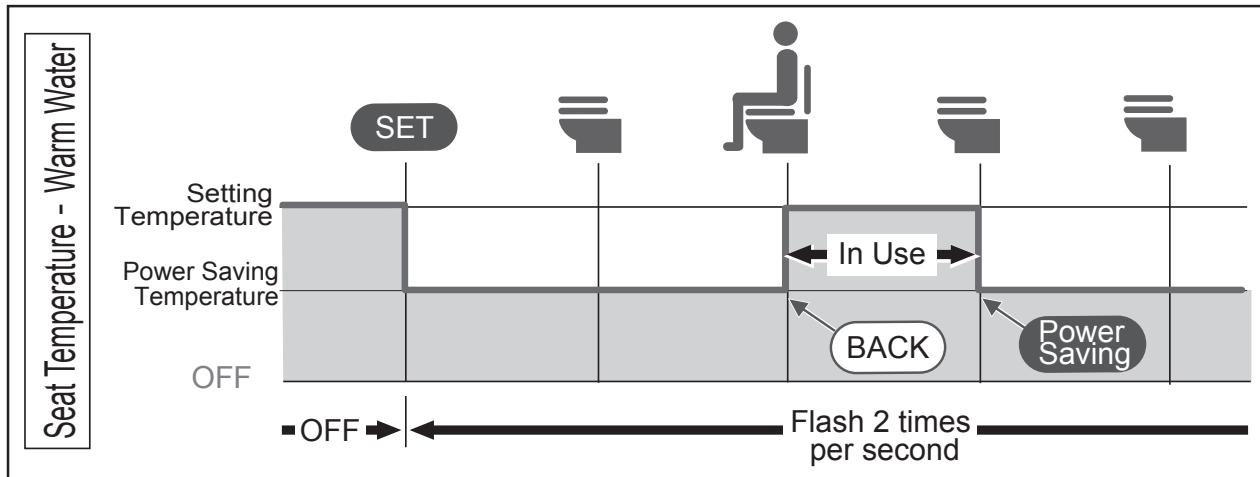
- * You can use the toilet even when the ECO save function is operating. However, you may feel that the water is cold as the heater for water and the toilet seat is turned off. If desired, you may turn off the ECO save function.
- * Even when the ECO save function is not operating, leaving the toilet lid closed is an effective way to conserve energy.

High Efficiency Power Savings

When the product is not in use, it lowers the temperature of warm water and seat to control power consumption until the product is put back into use.

Press [Water Temp] and [Power Saving] button, and hold for 2 seconds or more.

※ Power saving indicator flashes once activated.



How to cancel high efficiency power saving function

Press [Water Temp] and [Power Saving] button, and hold for 2 seconds or more.

※ Power saving indicator of displayed part turns off.

(Reference)

- When the unit is in the Power Save mode, the temperature of the water and seat will start out a bit cool, but will warm up while in use.
- Even when the Power Saving function is not operating, leaving the toilet lid closed is an effective way to conserve energy.

Other convenient functions *(For side panel version of bidet seat only)*

Seat Temp. expand from 3 to 5 modes

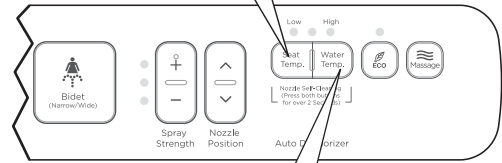
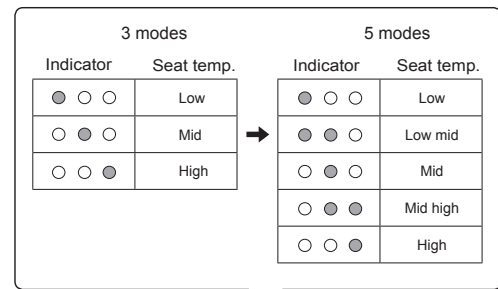
Press Seat Temp. and Nozzle position UP (arrow up) for 2 seconds to expand the seat temperature adjustments from 3 to 5 modes.

- After setting, all indicators will flash once.
- The Low and Mid indicator will both light up when seat temperature is in the middle of Low and Mid.
Mid and High indicator will both light up when seat temperature is in the middle of Mid and High temperature.

Resume initial setting

Press Seat Temp and Nozzle Position UP for 2 seconds.

- After setting, all indicators will flash once.
- * The seat heater automatically turns ON when you stand up.



Water Temp. expand from 3 to 5 modes

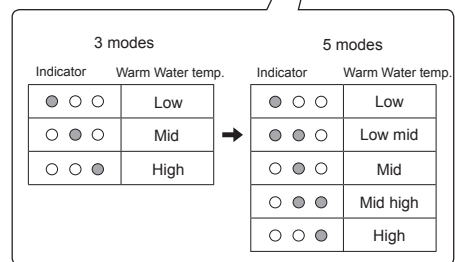
Press Water Temp. and Nozzle position DOWN (arrow down) for 2 seconds to expand the water temperature adjustments from 3 to 5 modes.

- After setting, all indicators will flash once.
- The Low and Mid indicator will both light up when water temperature is in the middle of Low and Mid.
Mid and High indicator will both light up when water temperature is in the middle of Mid and High temperature.

Resume initial setting

Press Water Temp. and Nozzle Position DOWN for 2 seconds.

- After setting, all indicators will flash once.



Spray Strength expand from 3 to 5 modes

Press Water Temp. and Spray Strength "-" for 2 seconds to expand the spray strength adjustments from 3 to 5 modes.

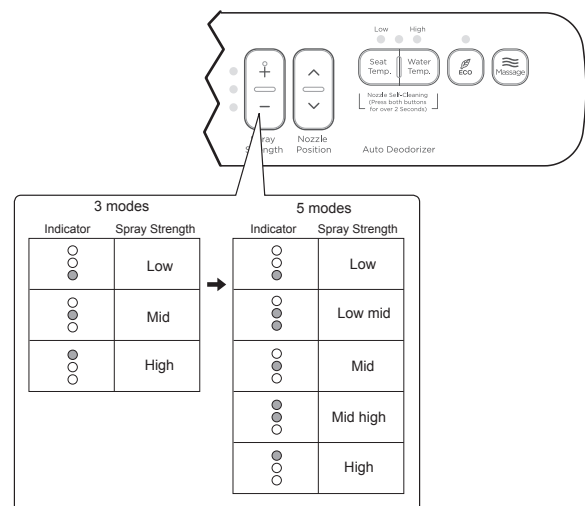
- After setting, all indicators will flash once.
- The Low and Mid indicator will both light up when spray strength is in the middle of Low and Mid flow.
Mid and High indicator will both light up when spray strength is in the middle of Mid and High flow.

Resume initial setting

Press Water Temp. and Spray Strength "-" for 2 seconds.

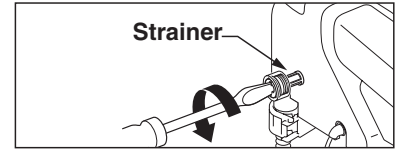
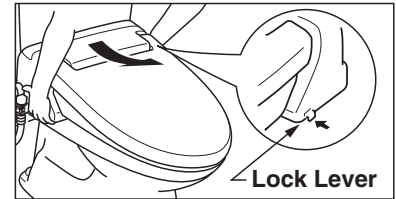
- After setting, all indicators will flash once.

Press the buttons simultaneously for 2 seconds.



If freezing weather or long term absence is anticipated, drain the water.

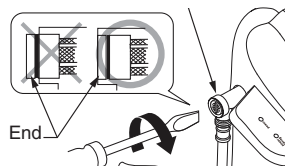
- (1) **Turn the water shutoff valve clockwise to shut off the water supply to the tank.**
(For draining in cold areas, operate the indoor drain plug.)
- (2) Press the flush lever on the tank to drain water from the tank.
- (3) Remove the power plug from the outlet.
- (4) Drain the water from the warm water tank and the water supply hose connected to the seat unit.
- (5) Push the lock lever on the right side of the seat unit and slide the seat unit forward to remove it from the toilet bowl.
- (6) Remove the strainer located on the left side of the seat unit. Place a wash bowl or similar item underneath the strainer.
- (7) Tilt the seat unit to the left to drain the water from the water supply hose through the strainer hole.
- (8) After the water has been drained, firmly attach the strainer.
- (9) Turn the drain plug located on the bottom of the seat unit to the left (counterclockwise) 90 degrees to loosen it.
- (10) Tilt the seat unit forward, pull out the drain plug and completely drain out the water from the warm water tank.
- (11) After the water has been drained, push and turn the drain plug to the right (clockwise) 90 degrees to tighten it.
- (12) Place the seat unit on the toilet bowl. Slide the seat unit backward to secure the seat unit.



CAUTION

When removing the strainer, be sure to close the water shutoff valve. When attaching the strainer, firmly tighten it until the end of the strainer is hidden in the seat unit.

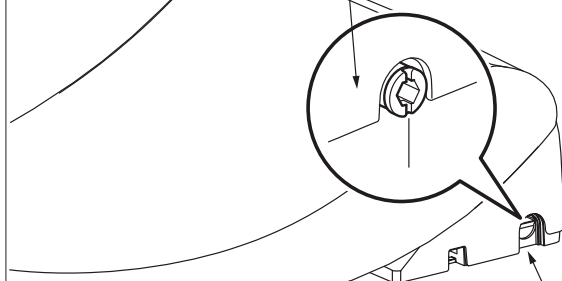
* Water can leak from the strainer.



Warm Water Tank Drain Plug

Right side of seat unit

Drainage Valve of warm water tank



* Remove the warm water tank drain plug when draining the water from the warm water tank

Maintaining This Product

Cleaning the Seat Unit

Periodically, wipe off the seat unit with a soft cloth dampened with water.



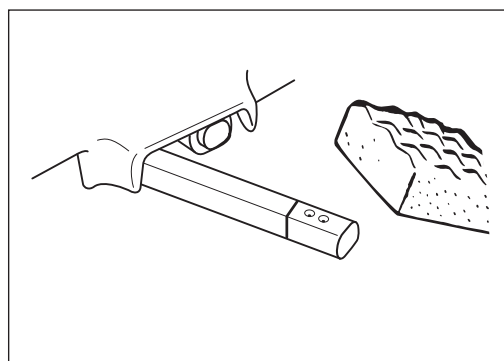
Cleaning the Nozzles

a) Bidet Seat must be powered ON to clean nozzle tip.

b) For side panel type, under non-seated situation to clean nozzles manually, press "Seat Temp" and "Water Temp" buttons at the same time for over 2 seconds.

For remote type, under non-seated situation to clean nozzles manually, press "Nozzle Cleaning" button for over 2 seconds.

c) Grasp the nozzle tip and pull out. Use a soft sponge to clean any accumulated debris.



Changing Nozzle Tips

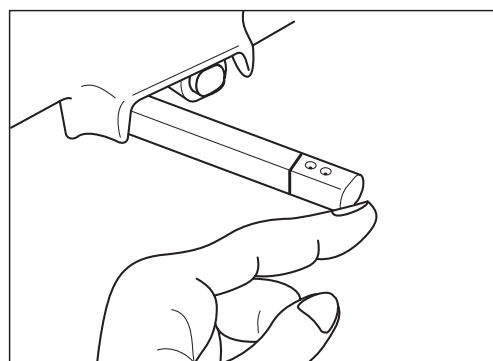
a) Ensure bidet is powered ON.

b) For side panel type, under non-seated situation to clean nozzles manually, press "Seat Temp" and "Water Temp" buttons at the same time for over 2 seconds.

For remote type, under non-seated situation to clean nozzles manually, press "Nozzle Cleaning" button for over 2 seconds.

c) Grasp the nozzle tips and pull out.

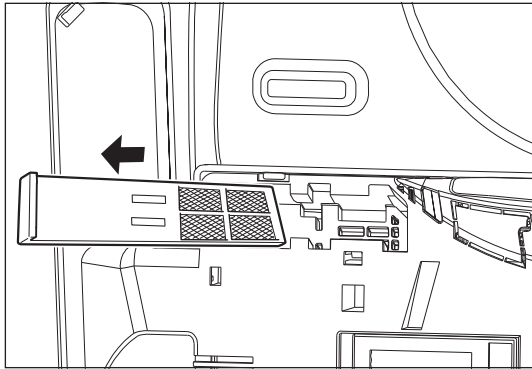
d) Push new tips onto the nozzle ends.



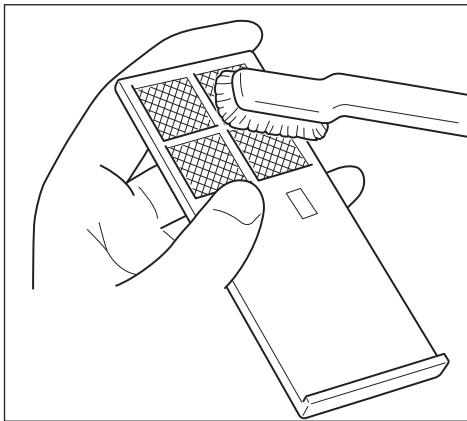
Cleaning & Maintenance of the Deodorizing Screen

Cleaning the Deodorizing Screen

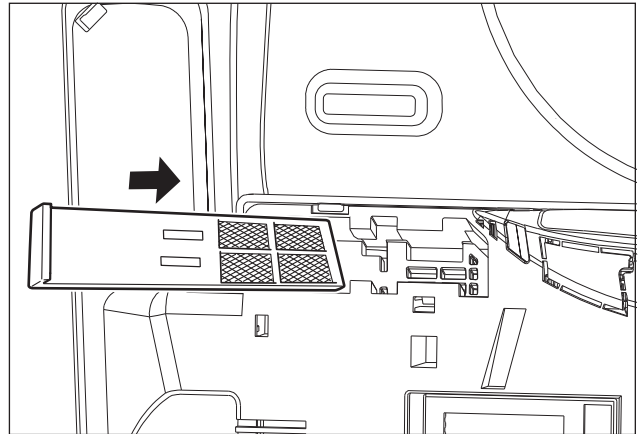
1. Disconnect the power plug from the outlet and shut off the water supply at the valve.
2. Remove the seat from the toilet.
3. Pull the screen from under the left hand side of the seat.



4. Remove the dirt from the screen using a toothbrush or other small brush.



5. Install the strainer back into the base plate of the toilet seat.



6. Install the seat back onto the bowl.
7. Plug the seat back into the power outlet.

Cleaning the Inlet Strainer

If the water pressure weakens over time, clean the strainer using the following procedure.

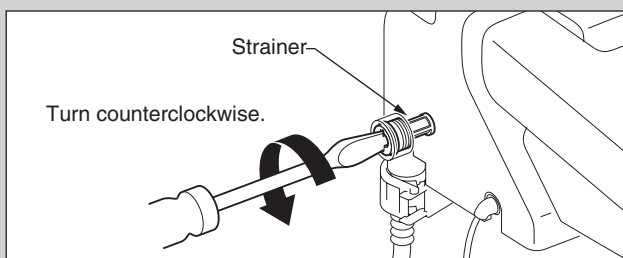
Cleaning the Inlet Strainer

1. Close the water shutoff valve to cut off the water supply.

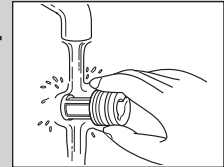
NOTE: Since the water shutoff valve is adjusted beforehand, keep track of the turns so that you can return to the original position.

2. Turn the strainer located on the bottom left of the seat unit using a screwdriver or similar tool and remove it.

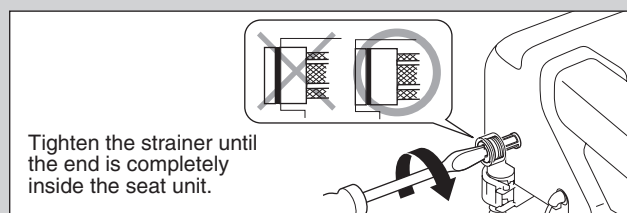
When the strainer is removed, a small amount of water will pour out. Place a wash bowl or similar container underneath to catch the water.



3. Remove the dirt adhering to the inside of the strainer by rinsing it with water.



4. Install the strainer, tightening it fully with a screwdriver or similar tool.



5. Open the water shutoff valve by turning the water shutoff valve back to its original position.

6. Finally, perform an operational check.

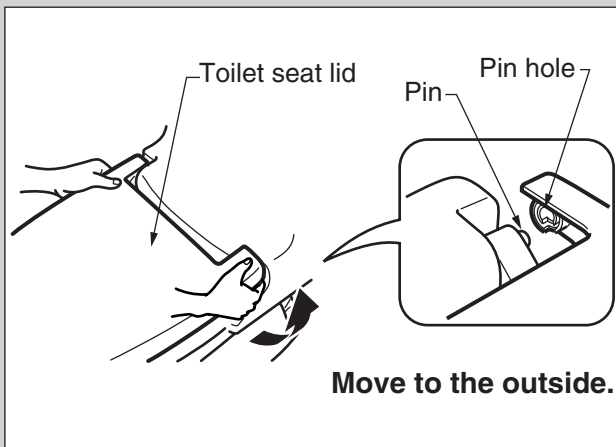
Cleaning Areas Covered by the Toilet Seat Lid & Unit

CAUTION

When cleaning this product, be sure to unplug the power plug from the wall outlet.

Removing the toilet seat lid

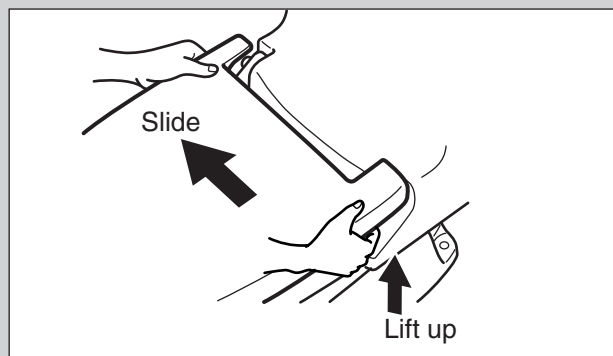
1. Move the pin hole on the right side of the toilet seat lid to the outside and remove it from the pin.



2. Hold the toilet seat up on the right side and slide it to the left, removing it from the pin on the left side.

CAUTION

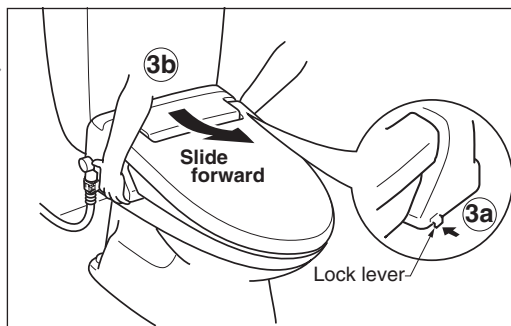
If you try to pull hard to remove the toilet seat lid, it could crack or break.



Removing the seat unit

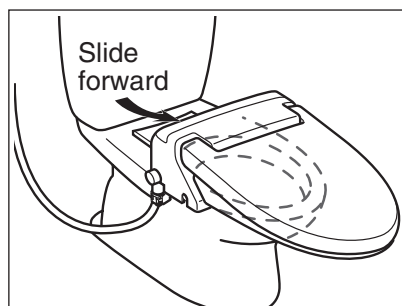
1. Remove the power plug from the wall outlet.
2. Close the water shutoff valve to cut off the water supply.

- 3a. Push the lock lever on the right side of the seat unit.
- 3b. Pull from base of seat, slide the seat forward by grasping at base, raise it slightly and remove from toilet.



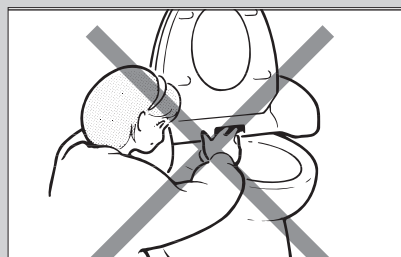
* When removing this product, slide the unit slowly without holding the toilet seat or toilet seat lid. Do not use excessive force.

4. Carefully place the seat unit on the rim of the toilet bowl.
5. To reinstall seat, slide it back on mounting pad.



CAUTION

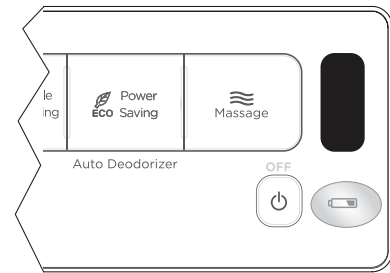
When cleaning the toilet bowl, take care not to splash the seat unit with detergent. Before installing the seat unit, wipe the detergent off from the toilet bowl using a cloth dampened with water.



Change Batteries for the Remote Control

When batteries are about to run out, the battery indicator LED display begins to flash.

- ※ The indicator only flashes when batteries are low.
- ※ The batteries included were used in testing of product and may not have the normal lifecycle.
- ※ The lighting in the room area may make it difficult to see the low battery LED flashing.



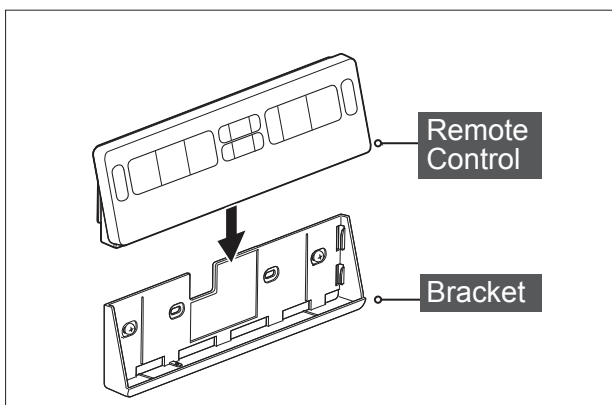
Change new batteries for the remote control; as follows.

Cautions

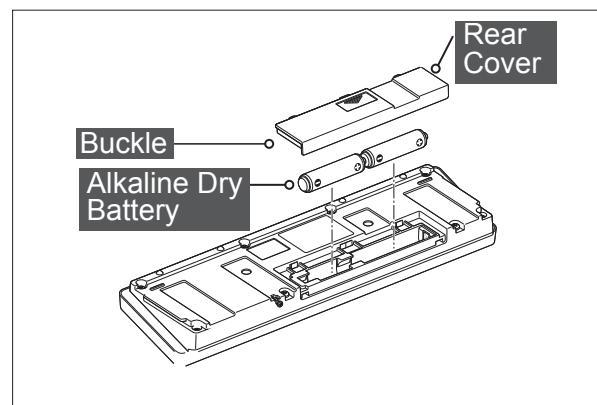
- The + and - of the battery shall comply with the marks on the remote control
- Do not mix the new battery with the used ones.
- Use alkaline batteries.
- Do not touch the switches or buttons on the remote control when changing batteries.

Change Batteries for the Remote Control

1. Pull the remote control up and take it out from the bracket.



2. Open the rear cover of the battery compartment and place 2-AA batteries



3. Place the cover back and the remote control into the bracket.

Troubleshooting

You can easily correct some of the problems with this product. Before requesting repairs, please check the following items.

If you are unable to correct the problem using the troubleshooting procedures shown below, please contact your local customer service representative.

All functions

Symptom	Cause	Remedy
The system will not operate at all.	Electricity is not being supplied to the power outlet.	Check for a power failure or tripped breaker, etc.
	The power switch is off. The LED on the indicator panel is off.	Press the STOP button for 2 seconds to verify the LED lights on the seat unit light up.
	The power plug is not plugged into the wall outlet.	Plug the power plug into the wall outlet.

Posterior cleansing and Feminine cleansing

Symptom	Cause	Remedy
Water does not spray out.	The water shutoff valve is closed.	Turn the water shutoff valve counterclockwise.
	The inlet strainer is clogged.	Clean the inlet strainer.
	Tap water pressure is low. Spray strength is set to "Lo".	Set the spray strength to a higher level.
	The seat sensor is not engaged.	Sit back fully on the toilet seat.

Symptom	Cause	Remedy
Spray water is not warm.	Water temperature is not set to an appropriate temperature.	Adjust the water temperature to the appropriate level.
	The Cleansing or bidet function was used for a long period of time.	The water takes about 3 minutes to warm back.
	ECO mode is activated.	Disable ECO mode.

Heated Toilet Seat

Symptom	Cause	Remedy
The toilet seat is not warm.	Seat temperature is not set to an appropriate level.	Adjust the seat temperature to the appropriate level.
	ECO mode is activated.	Disable power save.

Others

Symptom	Cause	Remedy
The seat unit becomes loose	The seat unit is not locked.	Push the seat unit until it locks in position.

WARNING: A damaged or overheated power plug or cord, or a loose or overheated wall outlet, could cause injury or damage the product. If this occurs, remove the power plug from the wall outlet, contact us, and discontinue using this product until the situation has been corrected.

Specifications

Product Type		Remote Control	Side Panel Control
Rated Voltage		AC120V 60Hz	
Rated Power		300W±10%	
Inlet Water Pressur Range	Min.	9 psi (0.06MPa) Flow pressure	
	Max.	108 psi (0.75MPa) Hydrostatic pressure	
Ambient Temperature Range		32°F~104°F (0°C~40°C)	
Product Dimension		L 21-1/16" x W 17-3/16" x H 6-7/8" (L 536mm*W 436mm*H 173mm)	L 21-1/16" x W 18-9/16" x H 6-7/8" (L 536mm*W 472mm*H 173mm)
Water Inlet Type		Direct inlet flow	
Cleansing	Heating Type	Warm water storage tank	
	Rear Cleansing Volume	0.42~1.27 pint/min (0.25~0.6L/min) (6 adjustment levels) water pressure 29psi (0.2 Mpa)	0.42~1.27 pint/min (0.25~0.6L/min) (3/5 adjustment levels) water pressure 29psi (0.2 Mpa)
	Front Cleansing Volume	0.96~1.27 pint/min (0.45~0.6L/min) (6 adjustment levels) water pressure 29psi (0.2 Mpa)	0.96~1.27 pint/min (0.45~0.6L/min) (6 adjustment levels) water pressure 29psi (0.2 Mpa)
	Water Temperature	OFF (Water temperature) Low-about 90°F (32°C); Relatively Low-about 93°F (34°C); Mid-about 97°F (36°C); Relatively High-about 100°F (38°C); High-about 104°F (40°C)(5 adjustment levels)	OFF (Water temperature) Low-about 90°F (32°C); Mid-about 97°F (36°C); High-about 104°F (40°C) (3/5 adjustment levels)
	One Touch Cleansing	●	
	Oscillating	●	
	Massage	● (Rear cleansing only)	
	Nozzle Position Adjustment	●	
	Heating Power	230W±10%	
	Safety Device	Temp.sensor, Temp fuse, High Temp. sensor switch	
Remote	Dimension	L263mm*W32.5mm*H71mm L10-3/8"*W1-1/4"*H2-13/16"	—
	Power Source	2*1.5v AAA batteries	
Heated Seat	Surface Temperature	Room temperature/ about 82°F - 104°F (28°C—40°C) 5 adjustable levels	Room temperature/ about 82°F - 114°F (28°C—40°C) 3/5 adjustable levels
	Heating Power	57W±10%	
	Safety Device	Temp. sensor, fuse	
Deodorizer	Deodorizing Method	Chemstorption by activated carbon deodorizer	
	Deodorizing Performance	Auto Deodorizing : 3.8CFM (0.11m³/min)	
Power Saving	One Touch Power Saving	● (8hr)	
	Super Power Saving	●	
Other Convinient Functions	Nozzle Self Clean	●	
	Nozzle Manual Clean	●	
	Nozzle Shutter	●	
	Seat Heating Auto Off	●	
	Sitting Sensor	●	
	Anti-microbial Material	Nozzle, Seat, Side control panel/ Remote control panel	
	Soft Close Seat & Cover	●	
	Quick Detach Cover	●	
	Quick Detach Main Body	●	



AS AMERICA, INC. ONE YEAR LIMITED WARRANTY

If inspection of this AS America, Inc. ("American Standard") plumbing product, within one year after its initial purchase, 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 limited warranty applies only to the original purchaser and installation of these products. In the event of a limited warranty claim, proof of purchase will be required—save sales receipt.

This limited 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 ensure local code compliance before installation.

This limited warranty is 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 damages; 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 limited warranty does not cover any labor or other costs of removal or installation. IN NO EVENT WILL AMERICAN STANDARD BE LIABLE FOR THE COST OF REPAIR OR REPLACEMENT OF ANY INSTALLATION MATERIALS, INCLUDING BUT NOT LIMITED TO, TILES, MARBLE, ETC. American Standard will not 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 limited warranty. This limited warranty does not cover any liability for consequential or incidental damages, all of which are hereby expressly disclaimed, or the extension beyond the duration of this limited warranty of any implied limited warranties, including those of merchantability or fitness for an intended purpose. (Some states or provinces do not allow the exclusion or limitation of implied limited warranties, so this exclusion may not apply to you.)

This limited 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 limited warranty does not affect such statutory rights.

In the United States:

American Standard Brands
1 Centennial Ave.
Piscataway, New Jersey 08854
Attention: Director of Customer Care

For residents of the United States, warranty information may also be obtained by calling the following toll free number: (800) 442-1902

In Canada:

AS Canada, ULC
5900 Avebury Rd.
Mississauga, Ontario
Canada L5R 3M3

Toll Free: (800) 387-0369
www.americanstandard.ca

In Mexico:

American Standard B&K Mexico
S. de R.L. de C.V.
Via Morelos #330
Col. Santa Clara
Ecatepec 55540 Edo. Mexico

Toll Free: 01-800-839-1200
www.americanstandard.com.mx

PART OF LIXIL

American Standard

WALK-IN BATH INSTALLATION
INSTRUCTIONS AND OWNER'S MANUAL



American Standard

CONGRATULATIONS!

You are now the owner of a walk-in bathtub from the most trusted name in plumbing.

We thank you for your purchase. Your American Standard ® walk-in bath is a true investment in your health and peace of mind.

Customer Support: (866) 423-0800

TABLE OF CONTENTS

UNPACKING THE UNIT.....	Page 3
RESPONSIBILITIES OF THE INSTALLER.....	Page 4
TESTING YOUR TUB BEFORE INSTALLATION.....	Page 5
INSTALLATION PREPARATION.....	Page 6
ELECTRICAL INSTALLATION.....	Page 7
INSTALLATION PROCEDURES.....	Page 8-17
SAFETY INSTRUCTIONS	Page 18
OPERATING INSTRUCTIONS.....	Page 19-20
CLEANING & MAINTENANCE.....	Page 21
WARRANTY.....	Page 22
TROUBLESHOOTING.....	Page 23-25

UNPACKING THE UNIT

1. FIRST, inspect the carton for damage: CAREFULLY DOCUMENT AND PHOTOGRAPH ALL PERCEIVED DAMAGE. Report all damage claims to customer service at 1-866-423-0800.
2. DO NOT LIFT THE TUB BY THE PLUMBING. Doing so can result in leaks, for which the installer is responsible. All Walk-In Tubs are water tested before they leave our factory and the bathtub you have purchased has passed inspection.
3. Immediately inspect the unit for damage even if there is no carton damage. All product damage must be reported within 72 hours of receipt from American Standard®. Once the unit is installed, surface damages will be assumed to be installation-related if not reported prior to installation. Installers are also responsible for damage that occurs once the unit is placed in its niche.

NOTE: Remove all packaging material except for the protective plastic. This has been placed on the tub at the factory to eliminate abrasions from handling. This should only be removed at final clean up.

4. Inspect the plumbing for any fittings that may have loosened in transit.
5. Read the following instructions completely before installing this product. If the home-owner or installer has any questions, please call us at 1-866-423-0800.
6. You must follow all the instructions in this manual.

FAILURE TO READ AND COMPLY WITH ALL INSTRUCTIONS CAN RESULT IN PRODUCT DAMAGE OR INJURY TO BOTH INSTALLER AND HOMEOWNER. IT WILL ALSO RESULT IN ASSUMPTION OF ALL LIABILITY BY SAID INSTALLER.

RESPONSIBILITIES OF THE INSTALLER

The Installer must ***inspect*** and ***water test*** the product prior to installation to ensure the unit is free of defect and /or damage. In the event of a problem, the unit ***must not be installed***. If the packaging or product has been damaged, please call immediately at 1-866-423-0800.

This product has been listed by INTERTEK / ETL and IAPMO / C UPC. The product has been tested and complies with the following standards and guidelines: IAPMO /C UPC, UL-1795, ANSI Z-124.1.2, ASME A 112.19.7, ASME A 112.19.15 & CSA B-45. ***The installer is responsible for compliance to state and local codes.***

This product is designed to be installed by a ***licensed tradesperson***. Licensed plumbers and electricians should be employed to insure proper installation. ***Installer assumes all liabilities for installation procedures.***

Although American Standard® has taken reasonable precautions to ensure that the Quick Drain™ is suitable for residential plumbing; it is the ***responsibility of the installer*** to insure that the plumbing is acceptable for use of the Quick Drain™. ***American Standard® does not accept responsibility for damage arising from use of the Quick Drain™.***

Only accessories authorized by manufacturer should be used with this product.

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRICAL SHOCK OR INJURY TO PERSONS

SAVE THESE INSTRUCTIONS!

WARNING! ALL INSTRUCTIONS LISTED IN THIS MANUAL SHOULD BE READ AND FOLLOWED CAREFULLY. ALL PRECAUTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS MUST BE UNDERSTOOD AND EXPLAINED TO OWNER.

TO REDUCE THE RISK OF INJURY, CHILDREN OR PERSONS WITH INFIRMITIES MUST NOT BE PERMITTED TO USE THIS PRODUCT WITHOUT CLOSE AND CONTINUOUS SUPERVISION.

TESTING YOUR WALK-IN TUB BEFORE INSTALLATION

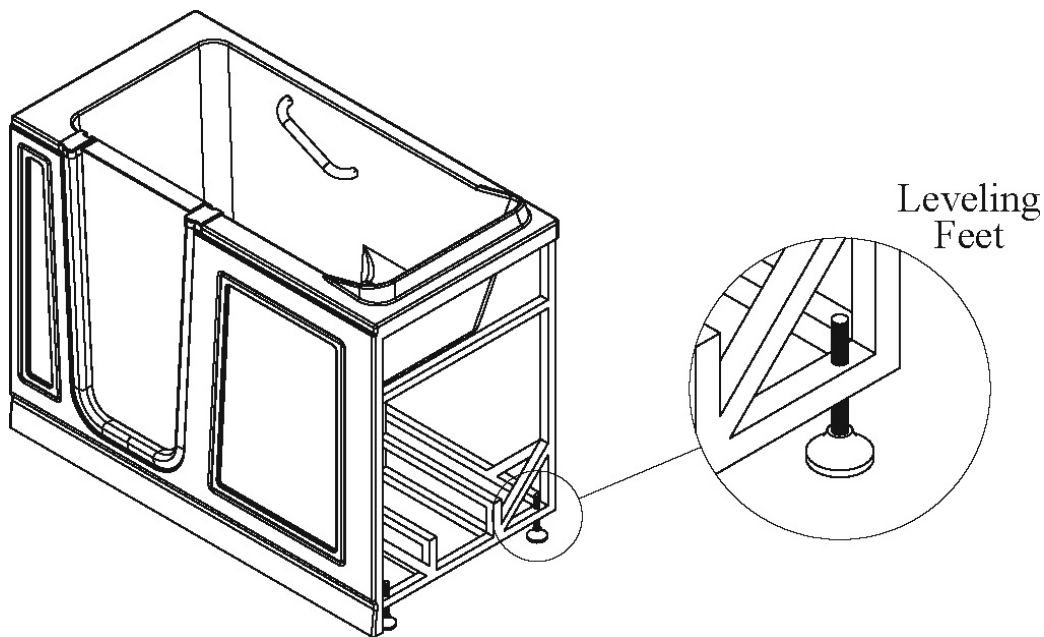
1. All American Standard® walk-in baths are 100% water tested at the factory and have passed inspection. Transportation and mishandling may loosen fittings and cause leaks. It is therefore necessary to **test the bathtub while there is access to all sides of the bath.**
2. The unit needs to be filled with water and inspected for leaks along the door as well as the whirlpool and air systems if equipped. The inspection needs to be performed with and without the whirlpool and / or air systems operating. It is best to test the unit outside by filling with a garden hose.
 - a. Place the tub on a completely flat surface in an area where it may be drained after testing.
 - b. Using a clean rag and warm water wipe down seal to insure it is free of debris.
 - c. Seal the drain hole (this can be done with tape) and fill the tub to at least three inches above the highest jet, or to the bottom of the safety bar if no jets are present.
 - d. Allow the water to stand in tub for 30 minutes and then inspect all plumbing and seals for leaks.
 - e. Using appropriately rated three-prong extension cords, all plugged in to separate outlets, operate all electrical components (air blower, water pump, and heater if applicable) for another 30 minutes and inspect for leaks again. Inspect the unions around the pump and heater.
 - f. If a leak persists at a union after tightening, it may have been over-tightened or might have a displaced O-ring. Disassemble it and make sure the O-ring was seated properly. Do the same if a leak persists at the heater. Verify that the heater threads match the pipe threads.
 - g. Ensure that all jets are open and working, some jets are adjustable for both flow rate and direction of flow. The jet water flow rate is adjusted by turning either the outside ring or the inside nozzle clockwise or counterclockwise. Some jets are not adjustable at the jet face, but can be adjust by the “Leg’s Only Massage”. The “Legs Only Massage” Valve is located near the seat. (If equipped.) .
3. If the pump/blower/lights/heater does not operate:
 - a. Check the breaker to ensure that power is on and make sure that any cables and / or air lines connecting the control boxes to the switches and pumps are firmly attached. Verify the correct electrical circuit and amps of the electrical cord.
 - b. Go to Trouble Shooting Guidelines. (See pages 23-25.)
 - c. **Do not** run any pumps unless the tub is filled with water to the proper level. Damage due to dry operation of pumps is **not** covered under the warranty period. (See pg. 22.)

Failure to perform these tests before installation will make the installer liable for future repair costs.

INSTALLATION PREPARATION

1. Check the floor area where the tub is to be installed.
 - a. Clean area of any debris or trash.
 - b. Use a 5 or 6-foot level and determine if the floor is level. If the floor is not level, adjust all leveling feet to perfectly level the tub.

Note: It is important that all leveling feet are completely touching the floor and level for the door system to work properly.



2. Check to ensure that the drain piping has been “roughed-in” at the proper location. See specification sheets (installation detail) included in this manual.
3. Ensure that the proper electrical service has been installed at the pump location. See electrical Requirements in the manual. (See page 7.)

ELECTRICAL INSTALLATION

All electrical wiring must be installed in accordance with the National Electrical Code and with all local codes. All wiring shall be done by a qualified electrician. Run one, two or three branch circuits (as required) from the main electrical service panel to the pump area of the framing structure to provide power to the unit.

Electrical components have specific wiring requirements. Refer to the matrix below for the electrical supply requirements for the whirlpool bathtub and factory installed components.

Branch circuits must be rated for 110 – 120 volts. Use 12 Gauge, 3 conductor cable for the circuits. If the length run exceeds 100 feet, check with local codes for requirements. Install moisture proof junction box(s) 6" above the floor at the pump end of the framing for each circuit.

DO NOT INSTALL THE JUNCTION BOX(S) WHERE IT CAN BE REACHED WHILE SITTING OR STANDING IN THE TUB OR TOUCHING THE FAUCETS.

QUICK DRAIN™, LIGHTS, WHIRLPOOL, AIR SPA, COMBO & HEATER ELECTRICAL REQUIREMENTS

This section lists the factory installed components of the Whirlpool and/or Air Spa Systems.

Note the required number of circuits and their rating for the Whirlpool & Air Spa unit you are planning to install.

ELECTRICAL REQUIREMENTS FOR FACTORY INSTALLED COMPONENTS

Systems	Electrical Rating Circuit 1	Electrical Rating Circuit 2	Dedicated Circuit
Soaker w / Quick Drain™	15 Amp GFCI		
Soaker w / Light	15 Amp GFCI		
Soaker w / Quick Drain™ w / Light	15 Amp GFCI		
Whirlpool or Air Spa	15 Amp GFCI		
Whirlpool or Air Spa w / Light	15 Amp GFCI		
Whirlpool or Air Spa w/ Quick Drain™	15 Amp GFCI	15 Amp GFCI	
Whirlpool or Air Spa w/ Light & Quick Drain™	15 Amp GFCI	15 Amp GFCI	
Whirlpool & Air Spa (Combo)	15 Amp GFCI	15 Amp GFCI	
Whirlpool & Air Spa (Combo) w/ Light	15 Amp GFCI	15 Amp GFCI	
Whirlpool & Air Spa (Combo) w/ Quick Drain™	20 Amp GFCI	15 Amp GFCI	
Whirlpool & Air Spa (Combo) w/ Light & Quick Drain™	20 Amp GFCI	15 Amp GFCI	
Whirlpool Inline Heater - Dedicated Circuit			15 Amp GFCI

All electrical connections must be carried out by a certified electrician in accordance with local electrical requirements and codes.

INSTALLATION PROCEDURES

-
- ▲ **WARNING:** When installing whirlpool massage baths, air spa baths, combo baths, or Quick Drain™ equipped baths, the following precautions **must** be followed:
 - ▲ **WARNING:** Danger: Risk of electrical shock; connect components to separate circuits, EACH protected by a ground fault circuit interrupter (GFCI)
 - ▲ **WARNING:** Installation must provide access for servicing the pump and motor (all American Standard® walk-in baths come with access panels for the pump, motor and faucet).
-

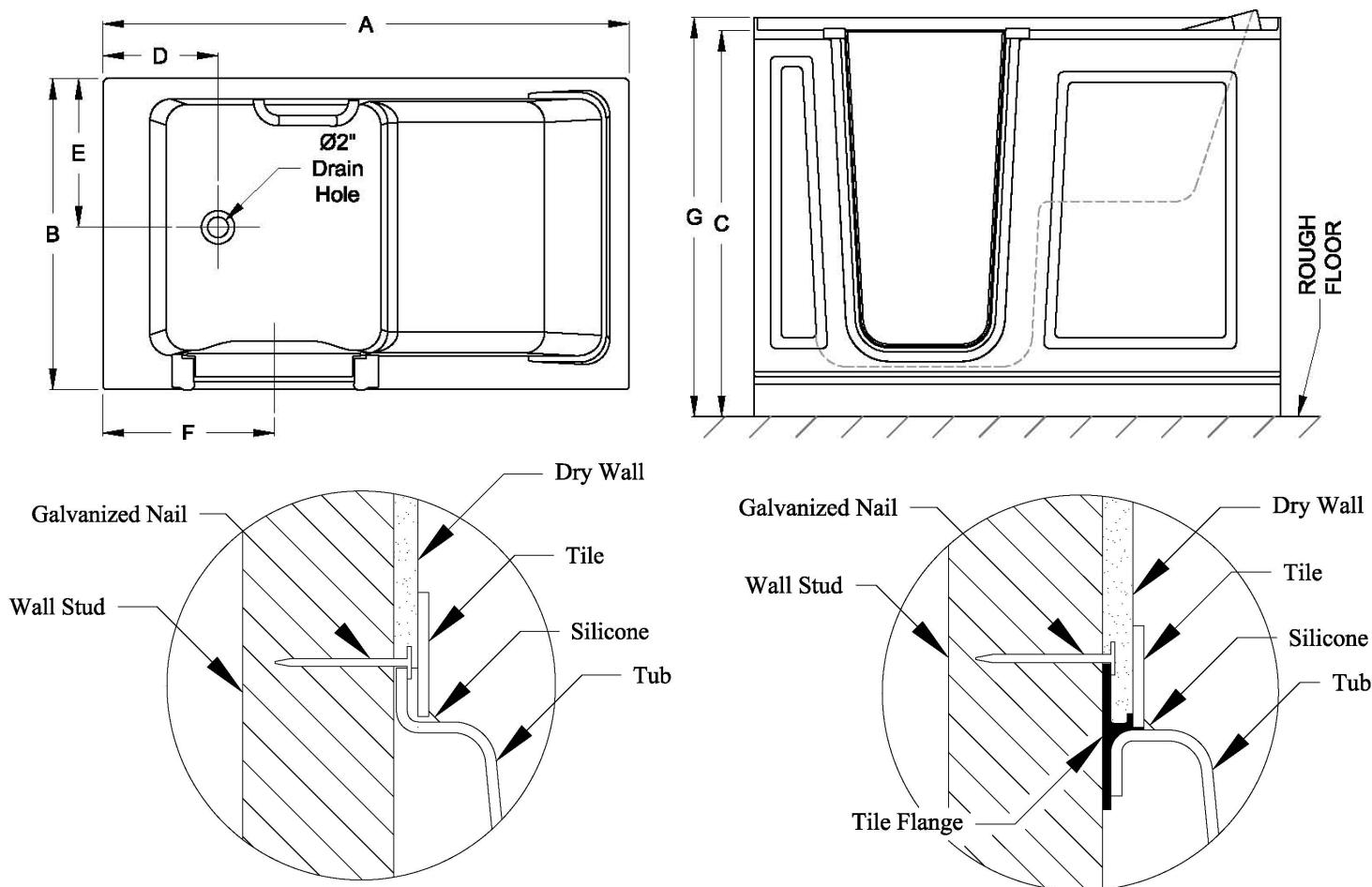
1. Install tub waste/overflow according to instructions included with the provided kits. The Gel Coat Series requires the installation of a door drain with check valve. **The check valve and tubing must be installed horizontal to the floor.** Some installations will require the purchase of additional fittings.
2. American Standard Faucet Installation # 9FHS-CH
 - Review the installation instructions packed with the faucet set.
 - Mask off the tub's deck with a protective tape.
 - Locate and mark the center line of the overflow fitting
 - Locate and mark 1 ½" line either side of the tub's center line to establish the overflow clearance.
 - Follow the drill template and faucet installation instructions.
3. Other Faucet Model and / or Brand
 - Review the installation instructions packed with the faucet set.
 - Mask off the tub's deck with a protective tape.
 - Locate and mark the center line of the overflow fitting
 - Locate and mark 1 ½" line either side of the tub's center line to establish the overflow clearance.
 - Verify the first two component mounting clearance on either side of the waste overflow as well as above and below the tub's deck.
 - Verify the remaining component mounting clearance on both sides of the overflow as well as above and below the tub's deck.
 - It is recommended the hand held shower be installed on the corner closest to the wall to prevent water from leaking off the deck and on to the floor.
4. Install the optional in-line water heater per manufacturer's instructions.
5. Standard Walk-In Bath Installation - After framing is complete, set product in place to check fit and make certain that the tub can be properly leveled. (Caution: If the bathtub is not resting on all leveling feet, water will not drain properly and this may cause the door to leak). **Secure tub frame to the studs using metal straps. (Not provided.)**
- 5a. Fire-Rated Drywall – If fire-rated drywall is specified, the finished fire-rated wall must be in place before the tub is installed. The dimensions of the framing structure must be increased by the thickness of fire-rated drywall.

INSTALLATION PROCEDURES

WARNING: Never allow the weight of the tub to be supported by wood support stringers and **do not use integral tile flange (if equipped) to screw or nail in place**, as this will result in product failure and will void the warranty.

6. Verify the product is completely level by checking tub deck surface and ensure all leveling feet are touching the ground.
7. Electrical connection is made by simply plugging each cord into the GFCI outlet.
8. After plumbing and electrical connections have been made, the tub and door seal should be cleaned of dirt and debris. Use warm water and a non abrasive cleaner for clean up.
9. Installation is not complete until the bathtub has been water-tested in place and does not leak.

Alcove Installation



Integral Flange

Non Integral Flange

Model	A	B	C	D	E	F	G
2651.11X	50 1/2"	26 1/4"	37 1/2"	9 1/2"	11 1/2"	15 1/2"	N/A
2848.10X	48"	28"	38"	10 3/4"	14"	16 3/4"	N/A
2848.11X	48"	28"	37 1/2"	10"	14 1/2"	16"	N/A
3051.11X	50 1/2"	30 1/2"	37 1/2"	9 1/2"	14 1/2"	15 1/2"	N/A
3052.10X	51 1/2"	29 3/4"	42"	12 1/2"	14 1/2"	17"	N/A
3151.10X	50 1/2"	31 1/4"	37 1/2"	10"	14 1/2"	15 3/4"	38"
3060.10X	59 1/2"	29 3/4"	37 1/2"	31 1/4"	14 1/2"	15 1/4"	38"
3260.21X	59 1/2"	32"	37"	11 1/2"	16"	20 1/2"	N/A

Tubs installed in an alcove installation require a raised flange to prevent water from seeping past the tub and into the wall. Tubs without a raised flange shall be installed with a tile flange kit such as model: 9FLNG or a similar type. The flange kit is a long plastic strip that fits onto the rim of the tub to provide the leak protection needed.

The tile flange should be installed on the tub before it is placed in the alcove. Install the tile flange along all sides of the tub where the wall will be. Measure to fit and miter cut the flange corners. The flange should be attached to the tub with a silicone adhesive.

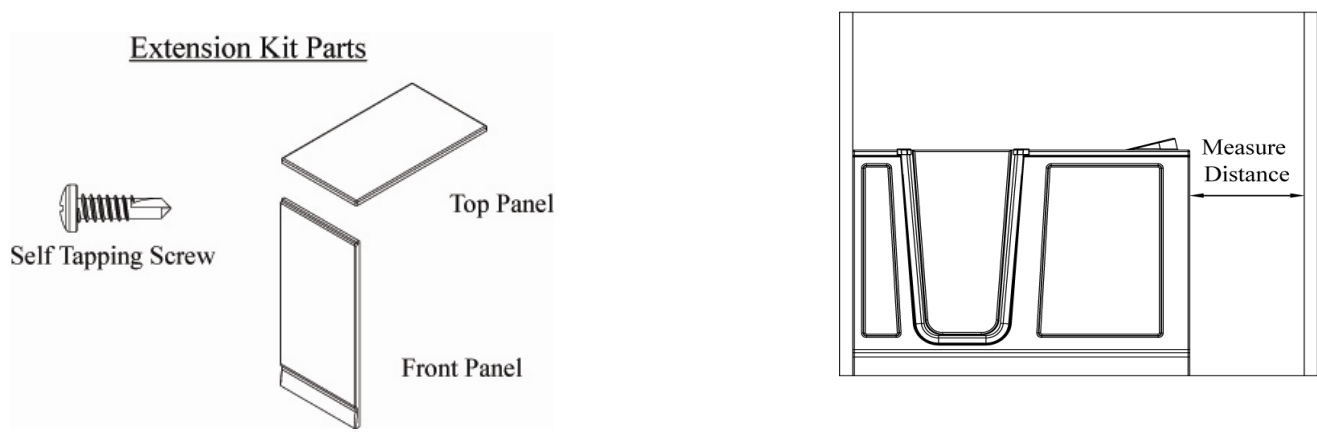
Warning: Never attempt to nail or screw thru the tub as this will result in product failure and will void the warranty.

Acrylic Extension Kit Installation

The Acrylic Extension Kit is designed to accommodate all acrylic walk-in tubs to fit within a 60" alcove pocket. The top panel measures 30" x 20" (depth x width) and the front panel 37 1/2" x 20" (height x width). The panels must be trim to fit the unit within the 60" alcove.

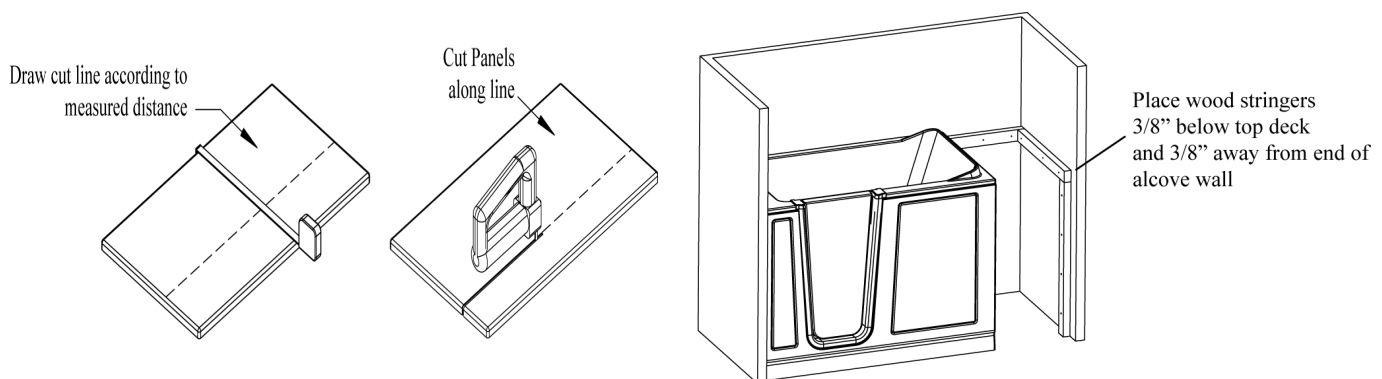
Step 1

- Temporary locate the tub within the alcove walls.
- Level the tub along the deck and apron.
- Measure and record the distance from the tub and apron to the adjacent alcove wall.



Steps 2, 3, & 4

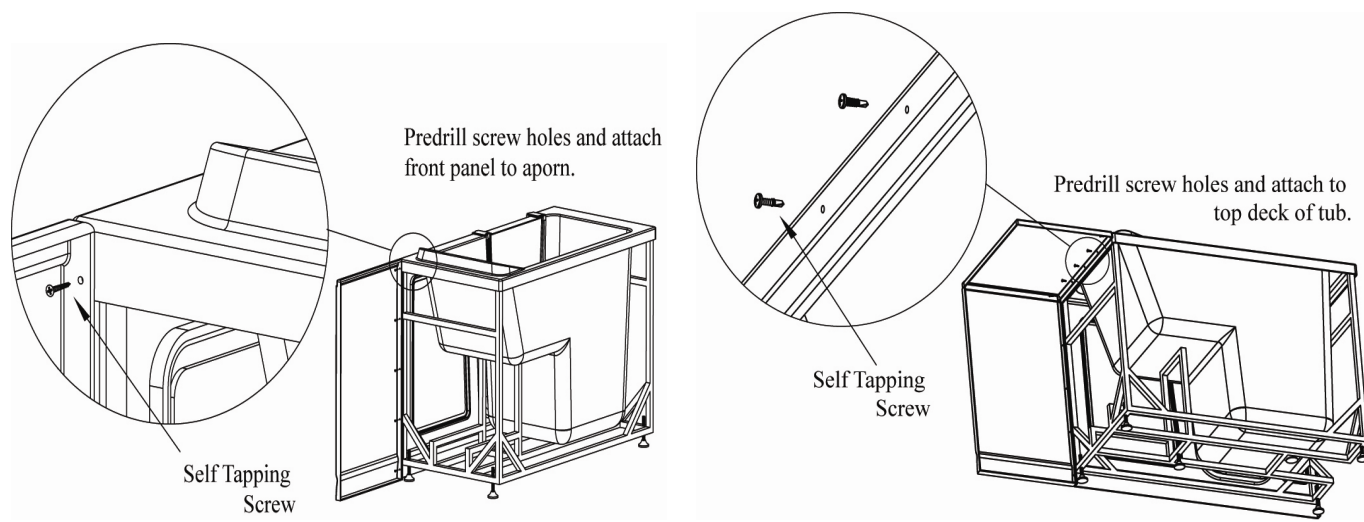
- Mask off and mark the trim lines for the top and front extension panels.
- Using a high speed carbide tooth blade, cut along the trim lines
- Mark a horizontal line that is parallel to the tub's deck along the back and adjacent wall of the alcove.
- Mark a vertical line that is parallel to tub's apron on the adjacent wall of the alcove.
- Install three wood stringers approximately 3/8" below the horizontal and vertical lines.
- Verify the fit of the front panel and then the top panel to the alcove opening.
- Shimming may be required to achieve a level fit.



Acrylic Extension Kit Installation

Steps 5 & 6

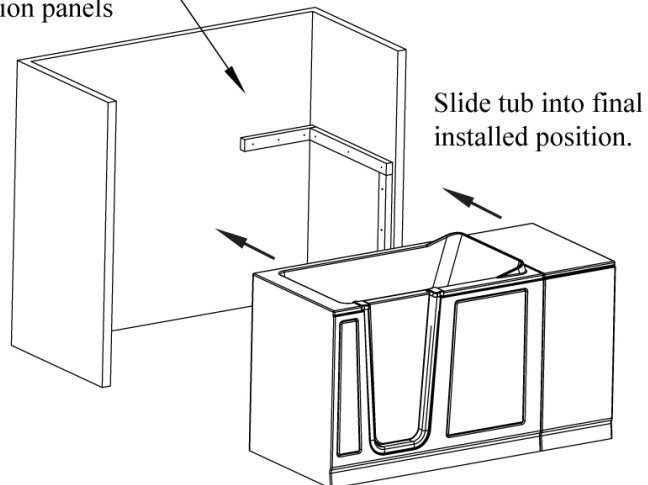
- Remove the tub from the alcove and install the front and then top panel with the self tapping fasteners.



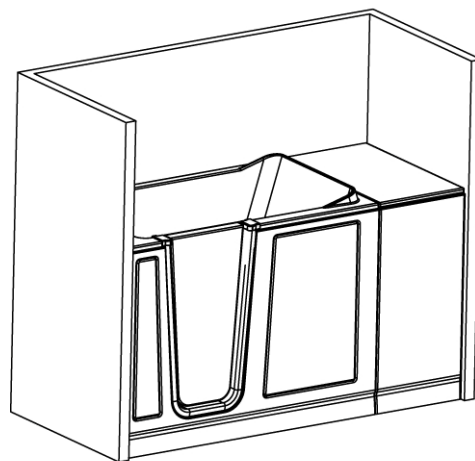
Steps 7 & 8

- Apply the temporary clamps to help support the front and top panels while re-locating the tub back into the alcove.
- Remove temporary clamps, check level, shim if necessary, and seal in panels with silicone.

Apply silicone between wood stringers and extension panels



Final Install



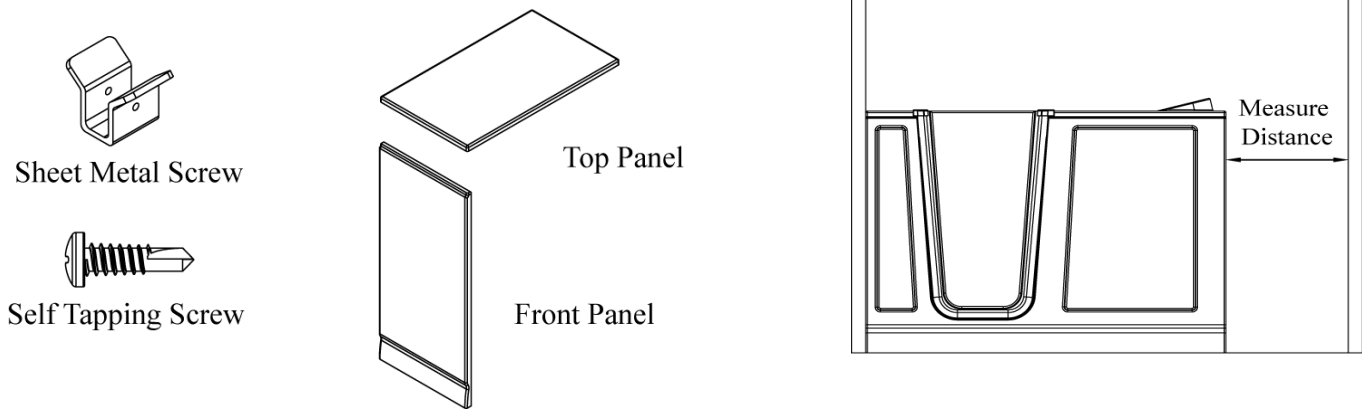
Gelcoat Extension Kit Installation

The Gel Coat Extension Kits are designed for each unit to fit within a 60" alcove packet. The top and end panels have integral flange for easy of installation.

Step 1

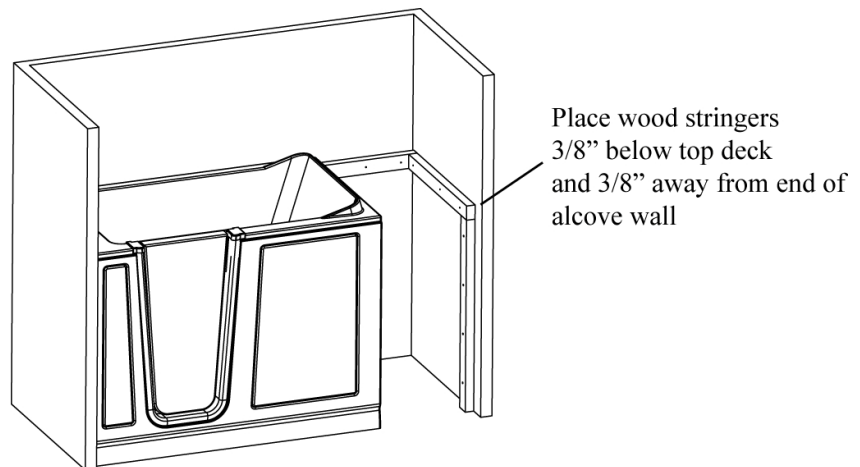
- Temporary locate the tub within the alcove walls.
- Level the tub along the deck and apron.
- Measure the distance from the tub and apron to the alcove wall.
- Verify the fit of both front and top extension panels.

Extension Kit Parts



Step 2

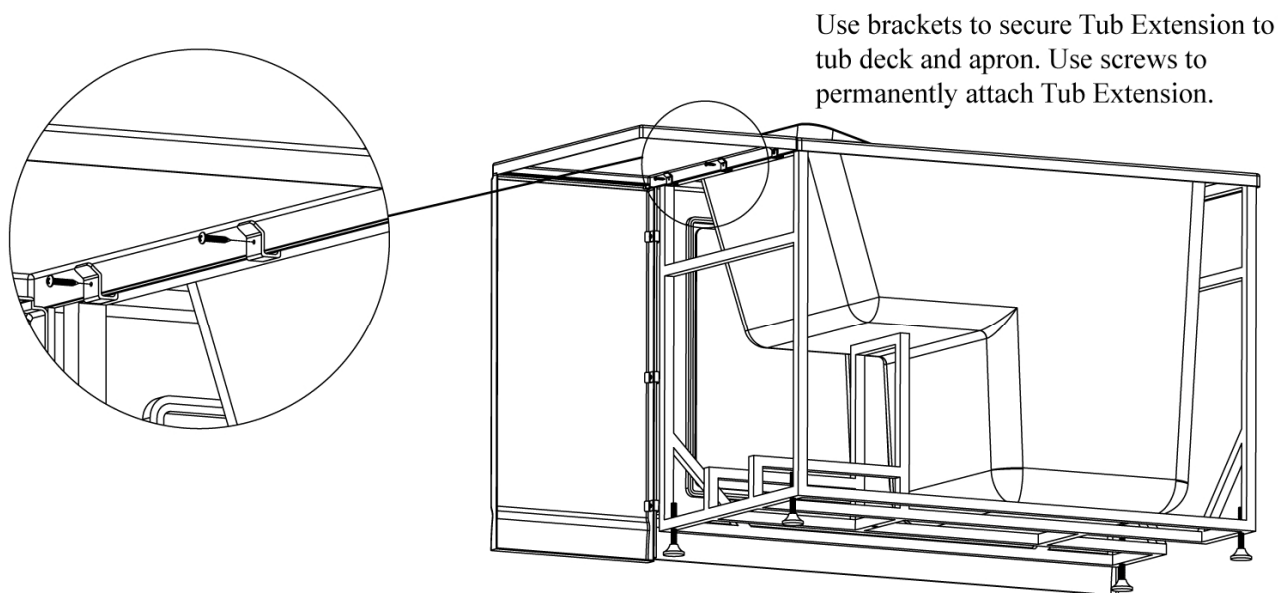
- Mark a horizontal line that is parallel to the tub's deck along the back and adjacent wall of the alcove.
- Mark a vertical line that is parallel to tub's apron on the adjacent wall of the alcove.
- Install three wood stringers approximately 3/8" below the horizontal and vertical lines.



Gelcoat Extension Kit Installation

Step 3

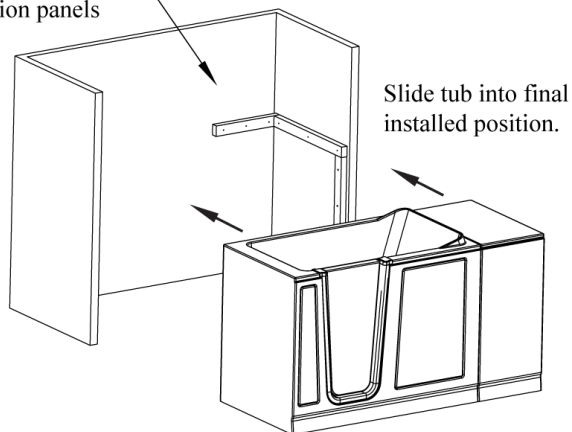
- Remove the tub from the alcove.
- Install the front and then the top panel with the tub brackets.



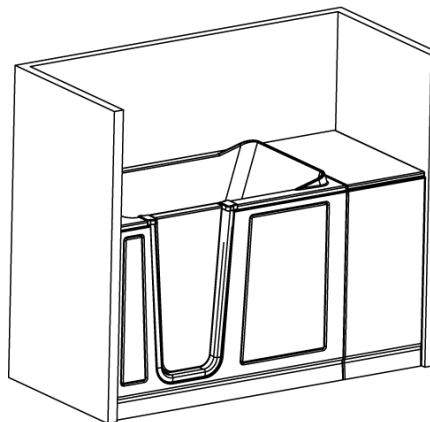
Step 4

- Apply the temporary clamps to help support the panels while re-locating the tub back into the alcove.
- Remove temporary clamps, check level, shim if necessary, and seal in panels with silicone.

Apply silicone between wood stringers and extension panels



Final Install



Drain Overflow Installation

Drain / Overflow Information

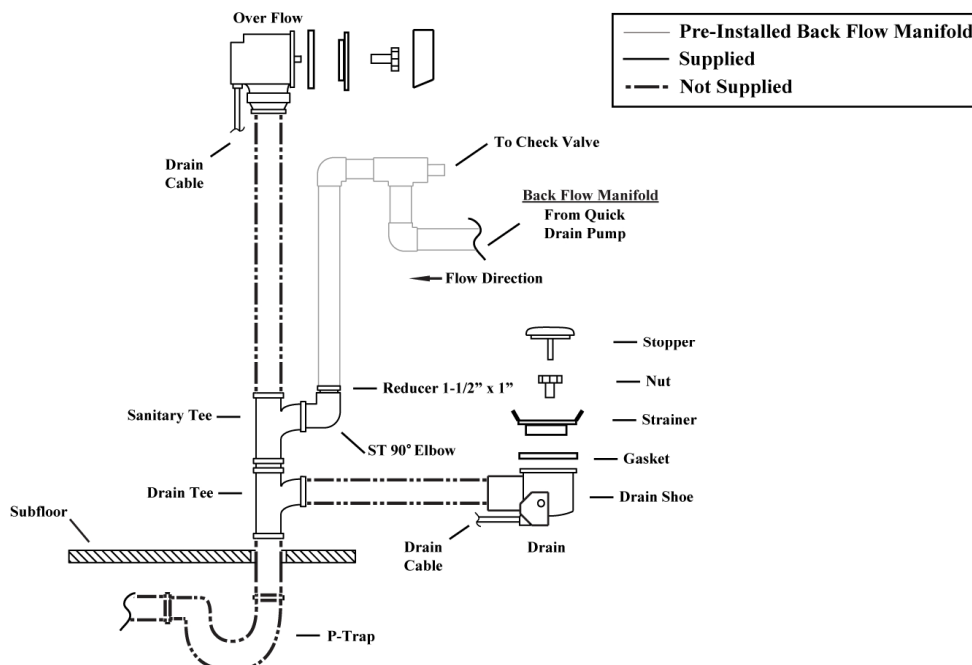
A drain / overflow assembly is provided with the tub must be installed on the bath, water tested and connected to the sanitary system of the house. Some drain / overflow kits are packed with the waste flange, strainer, overflow cover, and fasteners, packed separately within the kit to protect the trim finish. Follow the installation instructions provided with the drain / overflow kit. After the drain is fully installed, test the unit for proper drainage. If the unit does not drain properly, rectify the condition before proceeding with installation. American Standard is not responsible for the removal or re-installation costs.

Note: All gel coat models require additional installation of the door drain to the waste overflow.

Connection of the Quick Drain

- Quick Drain System requires the connection to a minimum 1 ½" sanitary drain line.
- Use UPC Approved PVC Glue, Primer, and Schedule 40 1 ½" pipe.
- Do not change or modify the location and or piping of the Back Flow Manifold
- The sanitary tee is installed directly above the drain tee with clearance not greater than 1".
- Dry fit the drain overflow assembly to the sanitary drainage pipe and check for proper fit.
- Glue the Quick Drain Fittings, pipe and drain overflow assembly to the sanitary drainage pipe.

NOTE: Water tight installation of the waste / overflow is the installer's responsibility. Drain leakage is excluded from Safety Tubs warranty of this product.



We have taken reasonable precautions to ensure the Quick Drain is suitable for residential plumbing. It is the responsibility of the installer to insure the sanitary system is acceptable for the use of the Quick Drain. We do not accept responsibility for damage arising from the use of the Quick Drain.

Threshold Drain Installation

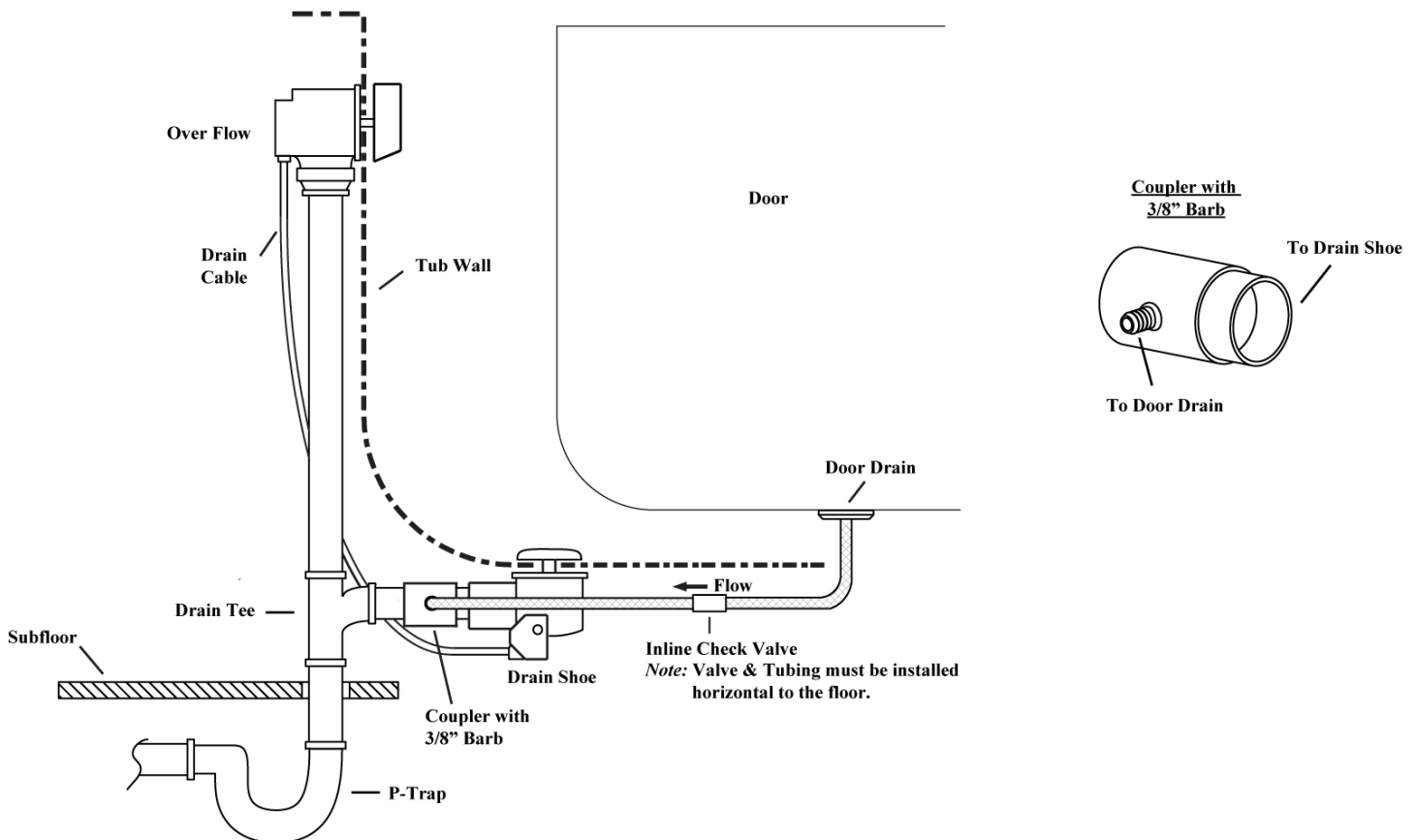
Threshold Drain Information

All gel coat walk-in bathtubs are provided with a threshold door drain. All acrylic walk-in bathtubs feature the “Patented T5 Door System” which does not require the threshold drain.

Connection of the Door Drain

- Door Drain requires the connection to a minimum 1 ½” sanitary drain line.
- Use UPC Approved PVC Glue, Primer, and Schedule 40 1 ½” pipe.
- The door drain, check valve, and 3/8” vinyl tubing are installed on the walk-in bathtub
- The door drain coupling has an integral 3/8” barb for connection of the door drain line.
- The drain coupling must be located between the drain tee and shoe along the tub’s drain line.
- The 3/8” barb on the drain coupling must be positioned parallel to the sub floor.
- Connect the door drain assembly and drain coupling with 3/8” vinyl tubing.
- Verify the coupling barb, check valve, and 3/8” tubing are horizontal to the floor.
- Glue all components and tubing in place use PVC Glue.

Door Drain Assembly



Inline Heater Installation

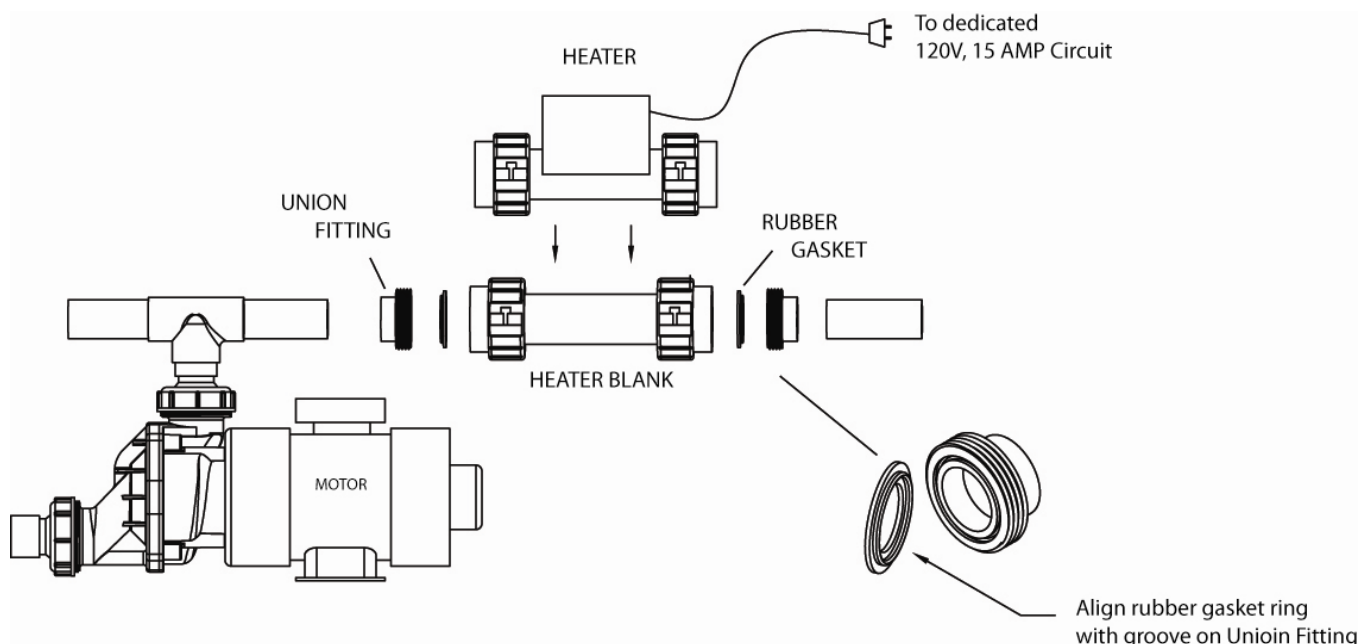
Whirlpool In-Line Heater

All whirlpool systems are designed with an In-Line Heater Blank. The threads and union set on the heater blank and heaters are specifically designed for our system. All other heaters and heater blanks will not interchange with our system.

The heaters are equipped with a preset pressure switch which will not allow the heater to turn on if the pump is not running with water flowing through the whirlpool system. The heater includes an exclusive High Limit Switch. This safety circuit will not false trip from the hot tap water. It will turn off the heater if the thermostat fails. If your whirlpool is equipped with adjustable jets, or other flow control systems, the pre-set pressure switch may not activate the heater. To assure proper heater operation, all jets may need to fully open with the pump operating at or near maximum flow.

Installation of the In-Line Heater

- Verify there is a **dedicated 120 volt, 15 Amp Circuit with a GFCI outlet available.**
- Located the Ready Heater Fitting on the walk-in bathtub.
- Loosen the union nuts and remove the Heater Ready Fitting.
- Verify the heater and union fitting threads are the same.
- Placed the ribbed side of the gasket to the union fitting.
- Insert the heater and slowly hand tighten the union nuts to a snug fit to insure proper alignment.
- Once the heater alignment is verified, give a ¼ turn to each union nut to insure a good seal.
- Fill the tub with water and check for water leaks with and without the whirlpool pump running.



IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRICAL SHOCK OR INJURY TO PERSONS

WHEN USING THIS UNIT, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED.

- ▲ **WARNING: *Risk of personal injury.*** Use this unit for its intended use as described in this manual. **DO NOT** use attachments not recommended by the manufacturer.
- ▲ **WARNING: *Risk of personal injury.*** To avoid injury, exercise caution when entering or exiting your walk-in bath.
- ▲ **WARNING: *Risk of personal injury.*** To reduce the risk of injury, do not permit children or persons with infirmities to use this product unless they are closely supervised at all times.
- ▲ **WARNING: *Risk of hyperthermia and possible drowning.*** People using medications, herbal remedies, sleep aids, and /or having adverse medical history should consult a physician before using this product.
- ▲ **WARNING: *Risk of personal injury.*** Water temperatures over a 100 F (38 C) may be hazardous to your health. Check and adjust water temperature for your personal comfort.
- ▲ **WARNING: *No food or Alcoholic Beverages.*** Use of your bathtub immediately after meals is not recommended. Avoid alcohol consumption before or during the bathing. Alcoholic beverages can cause drowsiness or hyperthermia resulting in loss of consciousness or even drowning.
- ▲ **WARNING: *Pregnancy.*** If you are or think you may be pregnant, consult your doctor before using the bathtub.
- ▲ **WARNING: *Risk of personal injury.*** Risk of electric shock; do not permit electric appliances (such as a hair dryer, lamp, telephone, radio or television) within four feet of this bathtub.
- ▲ **WARNING: *Risk of personal injury.*** Never drop or insert any objects into any openings.
- ▲ **WARNING: *Risk of personal injury.*** Do not operate this unit without the guard over the suction fittings.

The unit must be connected only to a supply circuit that is protected by a ground-fault circuit-interrupter (GFCI). Such a GFCI should be provided by the installer and should be tested on a routine basis. To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, there may be a ground current flowing, indicating the possibility of an electric shock. **Do not use** this massage bathtub. Disconnect the whirlpool bathtub and have the problem corrected by a qualified service representative before using.

To reduce the risk of electrical shock, the dedicated electrical supply circuit(s) must be grounded. To do this, connect the third leg of the 3-conductor wiring cable to the grounding terminal of the electrical service panel and run continuously to the green grounding screw on the GFCI or electrical receptacle in the wiring compartment.

SAVE THESE INSTRUCTIONS!

OPERATING INSTRUCTIONS

1. Enter your American Standard® walk-in bath, close the door, place handle in down position, and fill the bath to at least 2 inches above the highest jet before activating the whirlpool pump (if equipped). **Do not apply excessive pressure when placing the handle in the close position.** Do not put weight on the door when entering and exiting the tub. It is recommended to leave the door in the open position when the tub is not in use.
2. If your American Standard® walk-in bath is equipped with Whirlpool Jets, Air Spa, or Combo system, the pump or blower is operated by the push button switch labeled “Jets” or “Air”. Both the number of buttons and their assorted functions vary. Do not depress the button(s) repeatedly and/or rapidly as all function(s) are controlled electronically. It may take a few seconds before any change becomes perceptible. Refer to massage instructions sheet for more information on the controls.
3. If your American Standard ® walk-in bath is equipped with whirlpool jets, you can adjust the direction and flow rate of the jets to your liking by moving the nozzle for direction and turning the outside ring or the nozzle clockwise or counterclockwise for the flow rate. Some jets are not adjustable at the jet face, but can be adjusted by the “Legs Only Massage” valve located near the seat. (If equipped.)
4. The Legs Only Massage (whirlpool & combo systems only) opens and closes the jets above the seat which allows you to fill the tub half-way and operate only the lower whirlpool jets. The Legs Only Massage valve must be closed when filling the tub half-way and operating the whirlpool. Failure to close the valve, when filling the tub half-way will result in water shooting out of the jets above the seat when the pump is activated. (If equipped.)
5. If your American Standard® walk-in bath is equipped with an Air Spa system, you can activate the heated blower by pushing the push button on the deck. Push the button to turn on / off and cycle for the various speeds.
6. If your American Standard® walk-in bath is equipped with an in-line heater, the heating element will come on automatically, but only when the whirlpool system is turned on. This heater is designed to extend the comfortable bathing time, but does not reheat the bath water.
7. If your American Standard® walk-in bath is equipped with the Automatic Tub Clean System - Ozone, the system will turn on automatically when the whirlpool system is turned on.
8. If your American Standard® walk-in bath is equipped with the Quick Drain™, this system has its own dedicated pump, suction and switch to activate the drain. Simply open the traditional drain system (turn the overflow) and then press the Quick Drain™ on/off switch to activate the drain. When the water falls below the suction guard, press the control switch to turn the drain system off.

SAVE THESE INSTRUCTIONS! **OPERATING INSTRUCTIONS**

9. If your American Standard® walk-in bath is equipped with Chromatherapy lights, the lights have a dedicated control button. Pressing the control button off and back on will change the color of light.
10. If any factory-installed fittings have been removed, do not operate the unit. A safety hazard may have been created by this modification. Seek the help of a qualified professional.
11. DO NOT use bubble bath or Epsom salts when any pumps are operating. Bath oils may be used; however, their use will require more frequent purging and cleaning of the whirlpool and/or air spa systems.
12. Both whirlpool and air spa systems are designed so that water will drain from the plumbing after each use.
13. There are no user-serviceable parts located under the tub.

PURGE CYCLE

All air blowers are equipped with a purge cycle to remove residual water from the lines. The purge cycle will begin approximately 20 minutes after the unit is initially turned off and will continue for several minutes. Do not be alarmed when the cycle begins.

IN-LINE HEATERS

If your bathtub is equipped with an optional in-line heater it will operate only when the pump is on. Note: the in-line heater is designed to keep your water warmer longer but is not designed to increase the water temperature. Heat settings are not adjustable.

CLEANING AND MAINTENANCE

Pump and pipe circulation systems should be flushed before first use and on a monthly basis when product is under normal use. Below are the recommended procedures for cleaning:

- **Do not run whirlpool dry.** Fill the tub with hot water 2-3 inches above the jets and add 2-3 teaspoons of low foaming detergent such as dishwashing machine detergent.
- Turn on whirlpool system and run for 10 minutes.
- Drain tub completely.
- Fill tub with cold water above jets.
- Turn on whirlpool system and run for 15 minutes.
- Drain tub completely.
- Cleaning the “suction cover”: Clean and remove any hair or lint from the suction cover. On a monthly basis, unscrew the suction cover and clean away any hair, lint or debris from the cover and housing, then remount the cover in place. Suction covers with visible screws from inside the tub can be removed. Some suction covers are intended not to be removed and have no visible fasteners. This style of suction cover does not need to be removed for cleaning. **Never operate the unit with the safety suction cover off.**

Do not use abrasive cleaners as they will scratch and dull the surface. Use a mild liquid household detergent cleaner such as Clorox Soft Scrub®.

Plaster can be removed using a wooden stick. **DO NOT USE METAL SCRAPERS, WIRE BRUSHES, WATER BARRIER WALLBOARD OR OTHER HARSH ABRASIVE TOOLS.**

Usually a mild detergent will remove construction debris. More stubborn debris may be removed with denatured alcohol, or Clorox Soft Scrub® cleaner.

Light scratches and dulled areas may be restored to original luster by rubbing with an automotive type cleaning compound such as DuPont White Polishing Compound®.

LIMITED WARRANTY COVERAGE

American Standard® Walk-In Baths are warranted in accordance with the following warranty:

This warranty is extended to the first purchaser and does not extend to products previously used as display models or products that have been modified or repaired by anyone else but American Standard® unless approved by American Standard®. American Standard premium acrylic walk-in baths come with a fifteen (15) year warranty on the bathtub, ten (10) year warranty on the tub components and a **Lifetime Warranty** on the door seal. American Standard walk-in baths constructed of hi-gloss gelcoat construction come with a ten (10) year warranty on the bathtub, five (5) year warranty on the tub components and a **Lifetime Warranty** on the door seal.

WARRANTY LIMITATIONS

In the event of a defect in the material or workmanship of a product, defective products will be repaired or replaced. The manufacturer shall not be liable for the expense of removing defective products or installing replacement products or the expense of adjoining components such as tile, marble, wall panels, ceilings etc. No liability shall exist for incidental or consequential damages caused in whole or part by any defect in this product. No warranty, expressed or implied, including any warranty of merchantability or fitness for a particular purpose, shall apply after the warranty period described above. This warranty does not cover defects or damage caused by the common carrier or installer from, without limitation, any of the following: careless handling, lifting bathtubs by the piping, modification of the product for any reason, improper installation (including installation not in accordance with instructions provided with the unit), and acts of God.

RETURN POLICY

American Standard® is committed to providing premium customer service. In the event that a product must be returned due to reasons other than defects, as mentioned in the warranty, the following procedures apply:

Requests for returns and/or exchanges must be made within **30 days** of receipt of product. The product must be in its original packaging and received at American Standard in saleable condition. All returns will receive a **15% restocking fee** plus all freight costs of the original shipment and return shipment to American Standard.

All requests for return must first be approved by American Standard and have an assigned Returned Merchandise Authorization (RMA#).

TROUBLE SHOOTING GUIDELINES

WHEN SERVICING THIS UNIT, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED.

- ▲ To reduce the risk of injury, keep all components in a vented enclosure and out of the reach of children.
- ▲ Risk of Electrical Shock – Connect only to a grounding type receptacle protected by a ground fault circuit interrupter (GFCI).
- ▲ Verify all components are installed to dedicated circuit(s) with the recommended electrical rating .
- ▲ All the components are manufactured with 36” pigtail cord and designed to be plugged directly into a ground fault circuit interrupter (GFCI).
- ▲ DO NOT CUT OR SPLICE INTO THE COMPONENT(S) 3 FOOT PIGTAIL CORD(S).
- ▲ All components are designed for indoor use on a whirlpool tub.

Quick Drain Pump

Motor Will Not Start – Check For:

- Quick Drain Control Button should be illuminated. If not , verify the following
 - a. The pump is plugged into the control box.
 - b. The control box is plugged into the outlet.
 - c. The control button is plugged into the control box.
- Improper or loose connections, open switches or relays, blown circuit breakers.
- Manually check rotation of motor shaft for free movement and obstruction.

Motors Cuts Out – Check For:

- Wiring, loose connections etc.
- Low Voltage at motor. (Frequently caused by undersized wiring.)
- Binding or overload. (Amperage Reading.)

Motor Hums, But Will Not Prime. –Check For:

- Make sure all suction, discharge lines and valves are open and un-obstructed.
- Check for correct water level.
- Block off suction and determine if pumps develops a vacuum. If pump develops a vacuum check discharge line for obstruction or a leak in the suction line.
- If the pump does not develop a vacuum and the pump has the correct water level, check for proper voltage and / or check the pump wet end for clogging or debris

TROUBLE SHOOTING GUIDELINES

Whirlpool Pump

Motor Will Not Start – Check For:

- Check the air line between the motor and air button for connection and depress to test air signal.
- Improper or loose connections, open switches or relays, blown circuit breakers.
- Manually check rotation of motor shaft for free movement and obstruction.

Motor Cuts Out – Check For:

- Wiring, loose connections etc.
- Low Voltage at motor. (Frequently caused by undersized wiring.)
- Binding or overload. (Amperage Reading.)

Motor Hums, But Will Not Prime. –Check For:

- Make sure all suction, discharge lines and valves are open and un-obstructed.
- Check for correct water level.
- Block off suction and determine if pumps develops a vacuum. If pump develops a vacuum check discharge line for obstruction or a leak in the suction line.
- If the pump does not develop a vacuum and the pump has the correct water level, check for proper voltage and / or check the pump wet end for clogging or debris.

Air Massage

Motor Will Not Start – Check For:

- Check the air line between the motor and air button for connection and depress to test air signal.
- Improper or loose connections, open switches or relays, blown circuit breakers.
- Manually check rotation of motor shaft for free movement and obstruction.

Motor Cuts Out – Check For:

- Verify if the air supply line from the blower to the manifold is connected and not obstructed.
- Wiring, loose connections etc.
- Low Voltage at motor. (Frequently caused by undersized wiring.)

Chromatherapy Lights

Lights Will Not Operate – Check For:

- Check the air line between the control box and air button for connection and depress to test air signal.
- Wiring and /or loose connections etc
- Improper or loose connections, open switches or relays, blown circuit breakers.

TROUBLE SHOOTING GUIDELINES

Heaters

All heaters are equipped with a preset pressure switch which will not allow the heater to turn on if the pump is not running with water flowing through the whirlpool system. The heater includes an exclusive High Limit Switch. This safety circuit will not false trip from hot tap water. It will turn off the heater if the thermostat fails. If your whirlpool is equipped with adjustable jets, or other flow control systems, the pre set pressure may not activate the heater. To assure proper heater operation, all jets may need to be fully open with the pump operating at or near maximum flow.

Heater Will Not Operate – Check For:

- Improper or loose connections, open switches or relays, blown circuit breakers.
- Wiring, loose connections etc.
- Overload. (Amperage Reading.)

O-Zone Generators

All O-Zone Generators are equipped with a preset vacuum switch which will not turn on if the pump is not running with water flowing through the whirlpool system. The O-Zone Generator includes an exclusive High Limit Switch and will not false trip from tap water. If your whirlpool is equipped with adjustable jets, or other flow control systems, the pre set vacuum may not activate the generator. To assure proper operation, all jets may need to be fully open with the pump operating at or near maximum flow.

O-Zone Generator Will Not Operate – Check For:

- Improper or loose connections, open switches or relays, blown circuit breakers.