INSTALLATION INSTRUCTIONS

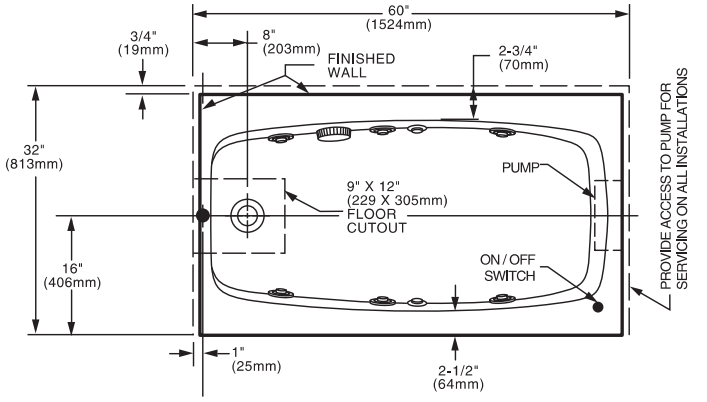
CAMBRIDGE®

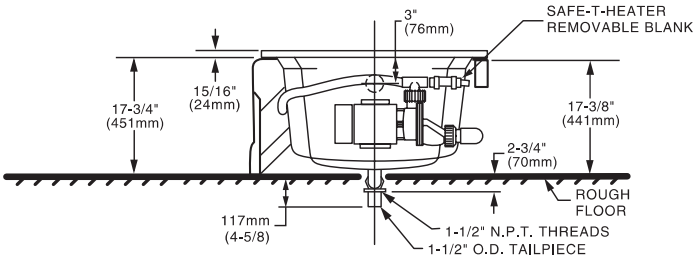
AMERICAST BRAND ENGINEERED MATERIAL

2461002020 ✔

American Standard

2460 SERIES/2461 SERIES WHIRLPOOL / BATHING POOL





GENERAL SPECIFICATIONS FOR 2460/2461 WHIRLPOOL	
INSTALLED SIZE	60 x 32 x 17-3/4 In. (1524 x 813 x 451mm)
WEIGHT	142 Lbs. (64 Kg.)
WEIGHT w/WATER	559 Lbs. (254 Kg.)
GAL. TO OVERFLOW	50 Gal. (190 L)
WHIRLPOOL MIN. OPERATING VOL.	39 Gal. (148 L)
BATHING WELL AT SUMP	41 x 20 In. (1041 x 508mm)
BATHING WELL AT RIM	54 x 26 In. (1372 x 660mm)
WATER DEPTH TO OVERFLOW	12-5/8 In. (321mm)
FLOOR LOADING	41 Lbs./Sq.Ft. (200 Kgs./Sq.m)
(PROJECTED AREA)	
PTS.	13.9
CUBE (FT^3)	30.9
WHIRLPOOL ELECTRICAL SPECIFICATIONS 2460/2461.028 & .128	
SYSTEM I PUMP	1.4 HPR, 7.5 AMPS,120V.
SAFETY HEATER	12 AMPS,120V.

THANK YOU...

for selecting an American Standard bath. Your new bath is shipped to you after careful inspection. The whirlpool version is completely assembled with pump, motor, and system piping. All you need to finish the installation are your selected fittings and electrical connections for a whirlpool.

To insure maximum performance and pleasure from this product, please follow the instructions and cautions.

List of Optional Components (not included):
- Safe-T-Heater 9075.120*

* see your American Standard Distributor

List of Required Components (not included):
- Drain 1583.470*
- Bath Filler*

* see your American Standard Distributor

List of Required Tools and Supplies:

Tools
- Level
- Tape Measure
- Pipe Wrench
- Slip Joint Pliers
- Screw Driver
- Standard Woodworking Tools
- Personal Safety Equipment
- Caulking Gun

Supplies
- Nails
- Putty
- Caulking (waterproof)
- 1 x 3 or 2 x 4 Stringers
- Drop Cloth
- 15 amp GFCI Outlet
- Cement, Plaster, Grout

GENERAL INSTALLATION INFORMATION

Carefully uncrate and inspect your new bath for any shipping damage. If such damage is found, report it to your vendor immediately.

After inspection and during installation, protect the bath from construction damage. After installation, and before enclosing with wallboard, tile, etc., water test the unit and check for leaks.

Do not make modifications to the whirlpool system or remove pump from factory mounting. This could adversely affect the safety and performance of the whirlpool and void the warranty. Do not handle or move the whirlpool by the pump, motor, or piping system.

Fittings (bath filler, shower arm, etc.) are not provided with the bath and must be ordered separately. Framing and enclosing materials are provided by others. Check for availability of optional American Standard wall tiling bead (required for recess installations).

Protect all finished surfaces of the whirlpool during construction and installation using a drop cloth.

WARNING! Do not lift whirlpool by the piping harness at any time.

FOR AFTER-SALES SERVICE CALL 1 (800) 442-1902 WEEKDAYS.

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FRAMING AND INSTALLATION

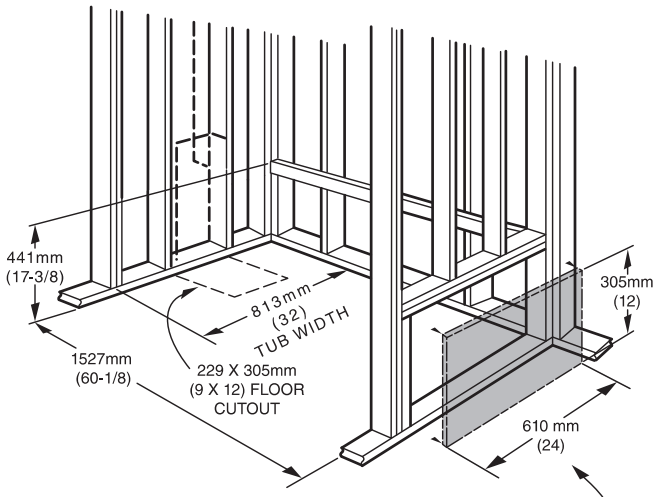
Bath may only be installed above the floor line in a recess type installation, as shown in recess installation diagram.

Locate studs as required. Insure rough dimensions are proper, plumb and square.
For whirlpools, provision must be made in all installations for an access opening for servicing pump and controls.

The following procedure must be used for all installations: leveling support stringer should be as indicated.
The bath is supported from the apron and the rear tiling flange. No support under the sump is necessary.
Position bathtub/whirlpool within the recess, check level, front to back, side to side, and shim as necessary.
Also check drain clearance hole in the subfloor.
To secure the tub to wood studs use roofing nails immediately above the flange of the tub.
To secure the tub to steel studs use drywall screws and flatwashers.

Caution: take extra care when driving nails or screws to avoid damaging the tub.
The tile or similar finished floor will be butted against the bottom of the tub apron, also holding the tub in place.

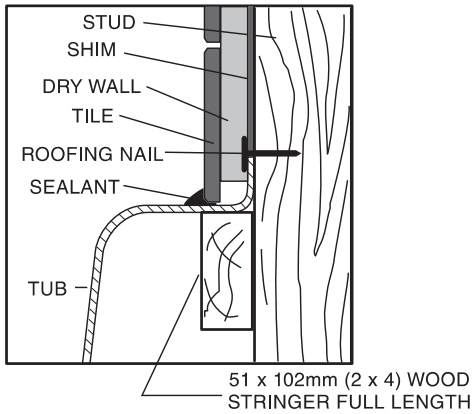
TYPICAL RECESS INSTALLATION



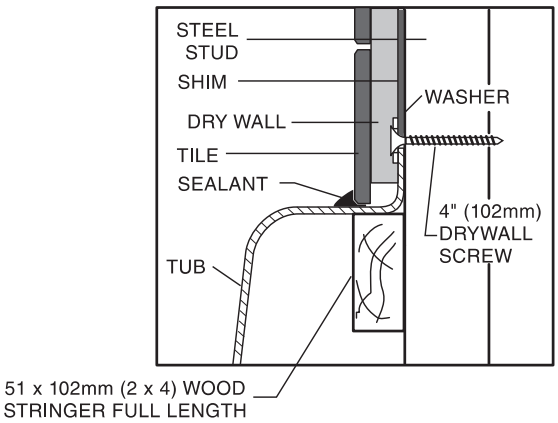
**WHIRLPOOL ONLY:
UNLESS AN ACCESS OPENING OF AT LEAST
12" X 24" (305 X 610MM) IS PROVIDED,
WARRANTY SERVICE WILL NOT BE PERFORMED.**

SUGGESTED WHIRLPOOL/BATH INSTALLATION METHOD

WOOD STUDS



STEEL STUDS



**SECURE THE BATH TO THE STUDS
AS SHOWN FOR WOOD OR STEEL STUD
CONSTRUCTION.**

ELECTRICAL INSTALLATION INSTRUCTIONS

All wiring must be performed by a licensed electrician in accordance with the national electrical code and all other applicable codes.

WARNING:

When using electrical products, basic precautions should always be observed, including the following:

1. **DANGER: RISK OF ELECTRIC SHOCK**

   Connect only to a circuit protected by a ground-fault circuit interrupter.

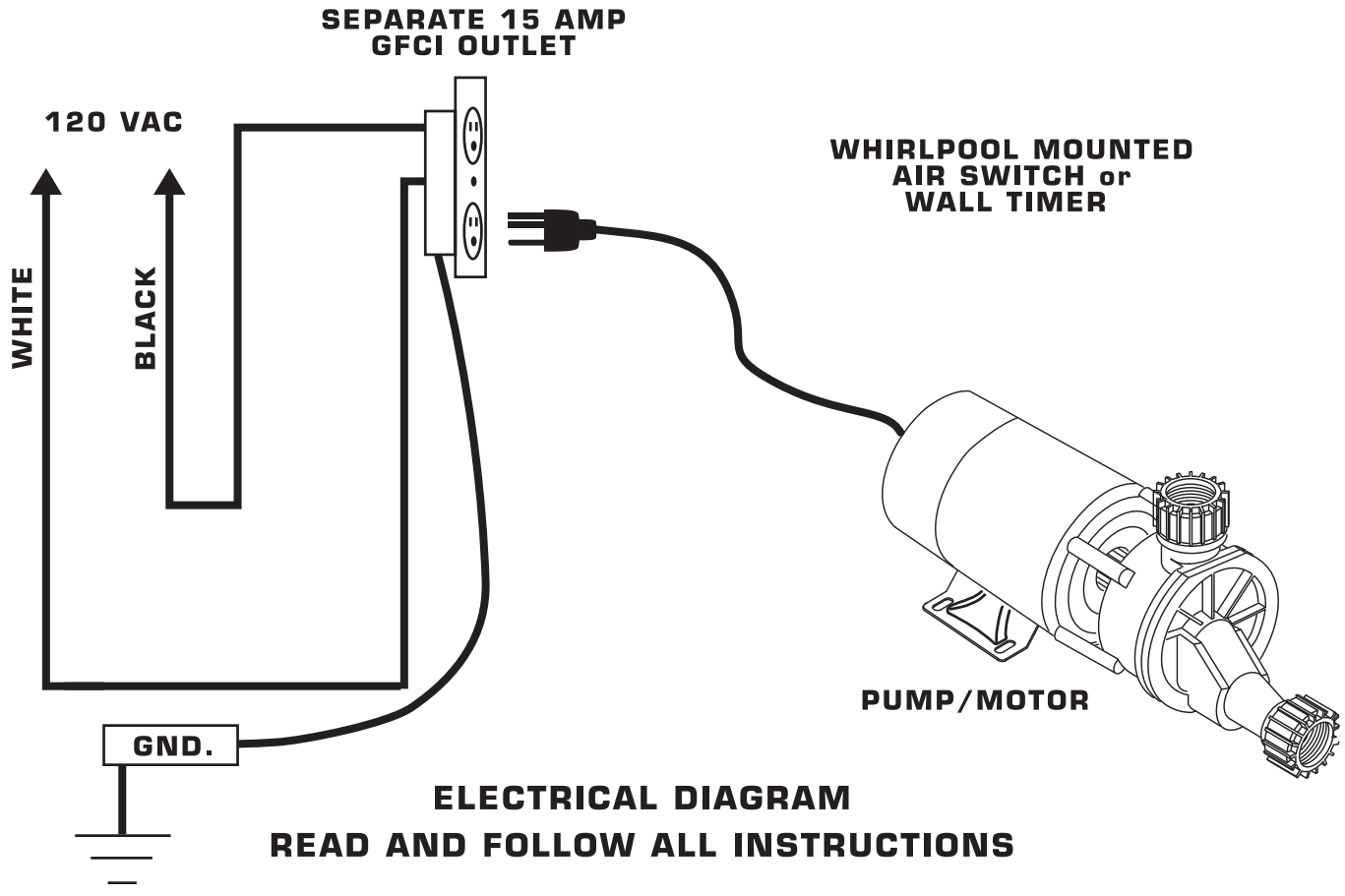
2. Grounding is required. The unit should be installed by a licensed electrician and grounded.

3. Install to permit access for servicing.

4. All building materials and wiring should be routed away from the pump body and heater (if equipped).

The whirlpool should be installed on a 120 vac, 15 amp dedicated circuit. The circuit should be hard-wired from the electrical power supply panel. The circuit must be a three (3) wire circuit from the electrical supply panel. A grounded neutral wire and a third wire, earth ground, are essential. **ADDING THE SAFE-T-HEATER REQUIRES A SEPARATE 15 AMP MAXIMUM GFCI CIRCUIT.**

ELECTRICAL INSTALLATION



ELECTRICAL DIAGRAM
READ AND FOLLOW ALL INSTRUCTIONS

WIRE SELECTION GUIDE

Motor Hi-Performance Rating	Maximum distance from fusebox to motor			
	50'	100'	150'	200'
	120V Power Line			
1.4	12	12	10	8

The sizes shown on this chart are recommendations for copper conductors only. Always follow local and national electrical codes

DRAIN CONNECTION AND SYSTEM TEST

Using recommended drain opening, connect whirlpool drain to waste line. Tighten all drain joints securely. Check the pump couplings and make sure they are hand-tight. Clean the whirlpool and fill with water to a point 2" above the top of the highest jet. Recheck the pump couplings and make certain that they are not leaking. (Although the pump couplings are factory tightened and inspected, some loosening may have occured during transit.) Make sure the whirlpool is connected to the electrical supply and turn the whirlpool on. Check for leaks around all piping connections while the whirlpool is running.

POST INSTALLATION CLEAN-UP

Remove all construction debris from bath. Tile grout can be removed with a wooden popsicle stick or tongue depressor. Do not use wire brushes or any other metal implement on bath surface.

Post installation clean-up generally can be completed using warm water and liquid dishwashing detergent. Stubborn dirt or stains may be removed using granular Spic and Span® mixed with water.

Painter's naphtha can be used to remove excess adhesives and/or wet oil-base paint.

HARSH CHEMICALS SHOULD NEVER BE USED ON ENAMEL SURFACES.

Abrasive cleaners must not be used since they will scratch and dull the surface. Dulled areas can be restored by rubbing with a white automotive-type polishing compound and waxing with a liquid wax.

In the United States:
American Standard Brands
P.O. Box 6820
Piscataway, New Jersey 08855
Attention: Director of Consumer Affairs

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

In Canada:
AS Canada ULC
5900 Avebury Ave.
Mississauga, Ontario
Canada L5R 3M3
Toll Free: (800) 387-0369
www.americanstandard.ca

In Mexico:
Customer Service Manager
AS Maquila, S.A. de C.V.
Via Morelos #330
Col. Santa Clara
Ecatepec 55540 Edo. Mexico
www.americanstandard.com.mx

SPIC AND SPAN® IS A REGISTERED TRADEMARK OF PROCTER & GAMBLE

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 insure 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.

AS AMERICA, INC. LIMITED WARRANTY FOR LXP®, BOULEVARD® DUAL FLUSH, CHAMPION® PRO, CHAMPION®4 TOILETS

This toilet comes with a limited lifetime warranty on chinaware, a limited 10 year warranty on all mechanical parts of the toilet, and a limited 1 year warranty on the toilet seat if included with product. If inspection of this AS America, Inc. ("American Standard®") plumbing product, inclusive of the chinaware and all mechanical parts, confirms that it is defective in materials or workmanship, American Standard® will repair or, at its option, exchange the product for the same or a similar model.

This limited warranty applies only to the original non-commercial purchaser and installation of the products. In the event of a limited warranty claim, proof of purchase will be required – **save sales receipt.**

For this warranty to become effective, the warranty registration process must be completed via the internet or telephone per the warranty registration instructions.

This limited warranty does not apply to commercial installations. The warranty for commercial installations is 10 years on chinaware and mechanical parts, and 1 year on the toilet seat if included with product.

This warranty **does not apply** to local building code compliance. Since local building codes vary considerably, the purchaser of the product should check with a local building or plumbing contractor to ensure local code compliance before installation.

This warranty **will be 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 damage; 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®.

WARNING: This warranty **DOES NOT COVER** any damages caused by the use of in-tank cleaners. These products can seriously corrode the fittings in the tank. This damage can cause leakage and property damage. **American Standard® will not be responsible or liable for any damage caused by the use of in-tank cleaners.**

American Standard®'s option to repair or exchange the product under this warranty does not cover any labor or other costs of removal or installation including any costs of any surrounding material such as tile or marble. **American Standard® is not responsible for any other incidental or consequential damages attributed to a product defect or to the repair or exchange of a defective product, all of which are expressly excluded from this warranty.** (Some states or provinces do not allow the exclusion or limitation of implied warranties, so this exclusion may not apply to you.)

This warranty gives you specific rights. You may have other statutory rights that may vary from state to state or province to province, in which case this warranty does not affect such statutory rights.