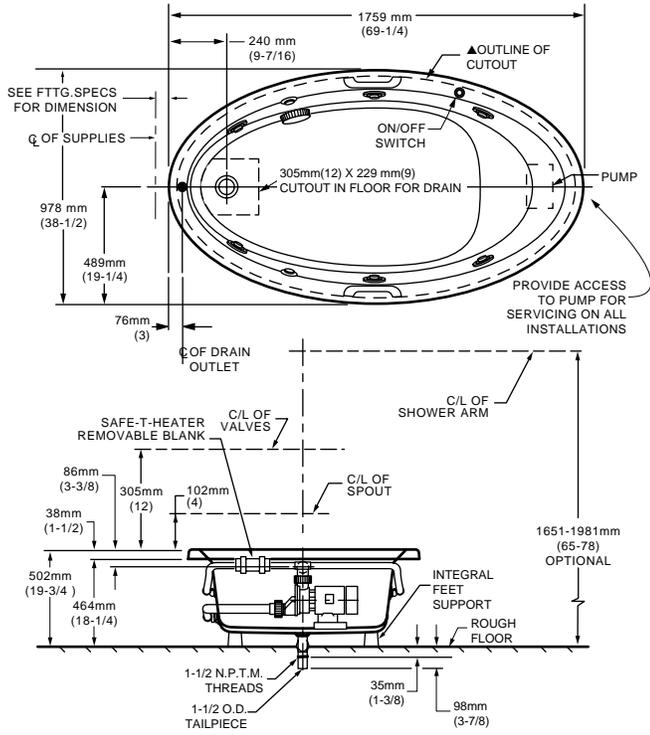


ELLISSE OVAL™
HIGH GLOSS ACRYLIC
SHOWN LESS ALL FITTINGS

2709.XXXW SERIES

American Standard

**WHIRLPOOL/BATHING POOL
 INSTALLATION INSTRUCTIONS**



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

GENERAL SPECIFICATIONS FOR 2709 WHIRLPOOL

INSTALLED SIZE	69-1/4 x 38-1/2 x 19-3/4 In. (1759 x 978 x 502mm)
WEIGHT	107 Lbs. (49 Kg.)
WEIGHT w/WATER	640 Lbs. (291 Kg.)
GAL. TO OVERFLOW	64 Gal. (243 L)
WHIRLPOOL MIN. OPERATING VOL.	53 Gal. (201 L)
BATHING WELL AT SUMP	45 x 23 In. (1143 x 584mm)
BATHING WELL AT RIM	63 x 32 In. (1600 x 813mm)
WATER DEPTH TO OVERFLOW	13 In. (330mm)
FLOOR LOADING (PROJECTED AREA)	35 Lbs./Sq.Ft. (166 Kgs./Sq.m)
PTS.	25.6
CUBE (FT ³)	49.4

WHIRLPOOL ELECTRICAL SPECIFICATIONS

SYSTEM I PUMP	2.1 HP, 14.4 AMPS, 120V.
SYSTEM II PUMP	2.1 HP, 15.6 AMPS, 120V.
SAFETY HEATER	12 AMPS, 120V.

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 2 Stringers
- Drop Cloth
- 20 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.

FRAMING AND INSTALLATION

THE VARIETY OF INSTALLATIONS POSSIBLE FOR THIS BATH MAY REQUIRE FRAMING PROCEDURES OTHER THAN THOSE SHOWN.

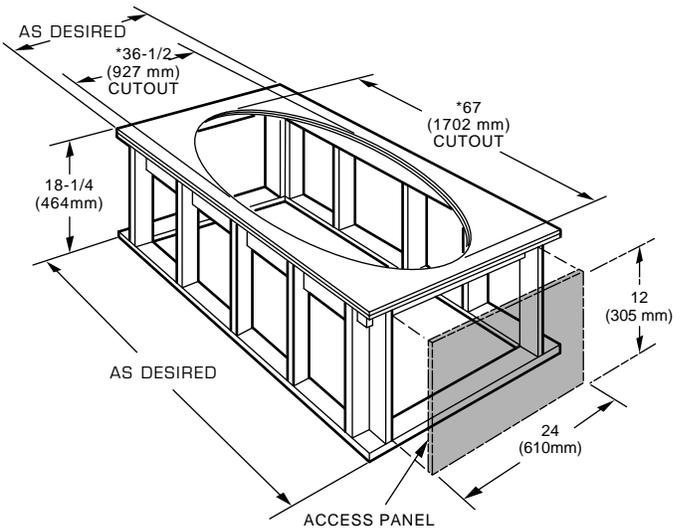
LOCATE STUDS AS REQUIRED. INSURE ROUGH DIMENSIONS ARE PROPER, PLUMB AND SQUARE. **FOR WHIRLPOOLS, PROVISION MUST BE MADE IN ALL INSTALLATIONS FOR AN ACCESS OPENING FOR SERVICING PUMP AND CONTROLS.**

THE FOLLOWING PROCEDURE MUST BE USED FOR ALL INSTALLATIONS: STRINGER OR PIER HEIGHT SHOULD BE AS INDICATED. THE SUMP OF THE BATH IS SUPPORTED BY INTEGRAL FEET AND **NO** ADDITIONAL SUMP SUPPORT IS REQUIRED. ONCE THE BATH IS IN PLACE, THE FEET SHOULD BE SHIMMED ACCORDINGLY, SO THAT **THE RIM OF THE BATH CONTACTS THE STRINGER OR PIER BUT SUPPORTS NO WEIGHT.** ANY FINISH MATERIAL, SUCH AS TILE OR WALL BOARD, MUST BE SELF-SUPPORTING IF IT CONTACTS THE RIM OF THE BATH.

SUGGESTED INSTALLATION METHOD



TYPICAL INSTALLATION



*** SEE CUTOUT TEMPLATE PROVIDED**

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

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.

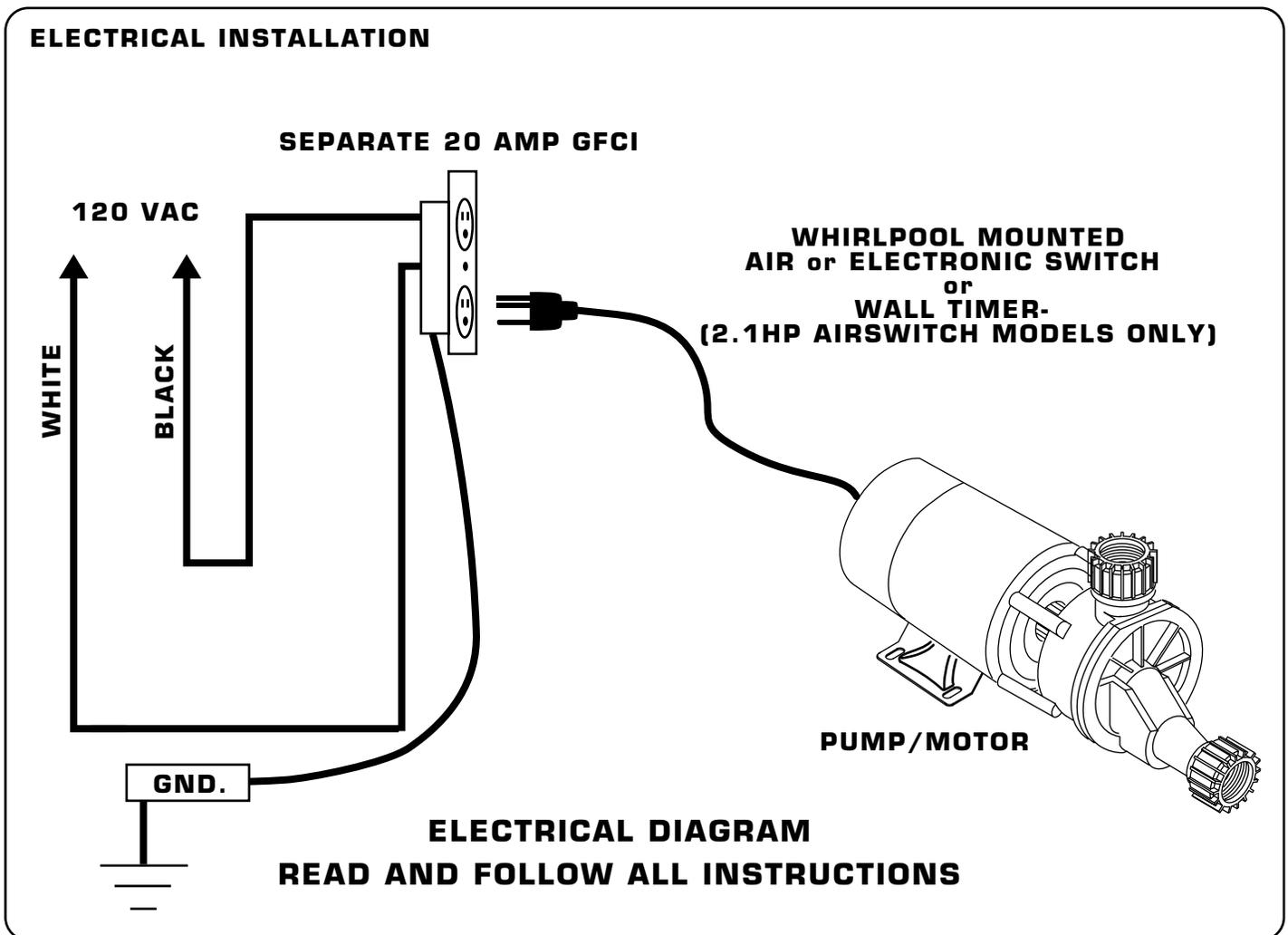
2. Grounding is required. The unit should be installed by a licensed electrician and grounded.

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).

2.1 HORSEPOWER MODELS:

The whirlpool should be installed on a 120 vac, 20 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.**



WIRE SELECTION GUIDE

Motor Hi-Performance Rating	Maximum distance from fusebox to motor			
	50'	100'	150'	200'
2.1	120V Power Line			
	12	10	8	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 occurred 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 ACRYLIC 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.