STEAMPRO™ 120

Installation and Operating Manual
IMPORTANT SAFETY INFORMATION

READ ALL INSTALLATION INSTRUCTIONS

Jacuzzi Whirlpool Bath does not recommend prolonged periods of use of the steamer. Prolonged use of the steam system can raise excessively the internal human body temperature and impair the body's ability to regulate its internal temperature (hyperthermia). Consult your physician about your safety and comfort before using the steam system. Limit your use of steam to 10–15 minutes until you're certain of your body's reaction. A cooling shower spray can be used simultaneously with the steam to assist in regulating your body temperature.

Alcohol and certain drugs or medications, such as tranquilizers, affect a person's ability to withstand high temperatures and may produce dangerous side effects. Don't use alcohol or drugs when using steam.

The elderly, the infirm, and children should not use the steamer unattended. Pregnant women and people with heart conditions should consult their physicians before using the steamer.

The wet surfaces of steam enclosures can be slippery. Use care when entering and exiting.

Do not place or use electrically connected devices, such as television, radio, or stereo speakers, lights, hair dryers, or telephones, within 1.5 m (5 feet) of a steam enclosure, shower, or bath.

Read and follow manufacturer's safety information with all optional equipment.

The steam head is hot. Do not touch the steam head or the steam within one foot distance of the head or surfaces surrounding the steam head.

Do not block or obstruct the steam head in any manner.

Do not store or use flammable liquids near the steam generator.

Save These Instructions for Future Use.

Inspection and Shipping Claim

Check for shipping damage upon receipt of the product. Jacuzzi Whirlpool Bath is not responsible for damage to the product sustained during shipping. If damage is evident before unpacking, see instructions regarding shipping claims on the outside of the carton and immediately file a claim with the carrier.

Once the product has been removed from the carton and before it is permanently installed, check the parts completely for damage resulting from shipping or handling. All Jacuzzi Whirlpool Bath products are factory tested for proper operation and watertight connections prior to shipping. If problems are detected, immediately notify your Jacuzzi Whirlpool Bath dealer or Authorized Service Agent, or call Jacuzzi Whirlpool Bath, 800–288–4002, for Warranty Service.

NOTE: Damage or defects which could have been discovered and repaired prior to installation and which are claimed after final installation of the product are excluded from our warranty.

Owner’s Record

<table>
<thead>
<tr>
<th>Date Purchased</th>
<th>Purchased From</th>
<th>Installed By</th>
<th>Serial Number</th>
<th>Model G630000</th>
</tr>
</thead>
</table>

(The serial number is located on the end of the steam generator)
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GENERAL DESCRIPTION
The SteamPro 120 steam generator from Jacuzzi Whirlpool Bath is designed in an ultra compact size for easy installation and provides instant steam for convenient steam bathing. The SteamPro 120 must be supplied with 115V 20A electrical service. No drain plumbing is required. For residential use only.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>AVAILABLE SIZES</th>
<th>MODEL NUMBER</th>
<th>DIMENSIONS LxWxH</th>
<th>DRY WEIGHT</th>
<th>WEIGHT FILLED WITH WATER</th>
<th>PACKAGED SHIPPING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 kW</td>
<td>G630000</td>
<td>7 1/2&quot;X4&quot;X7 1/2&quot;</td>
<td>2.5 lb (1.1 kg)</td>
<td>3 lb (1.4 kg)</td>
<td>3 lb (1.4 kg)</td>
</tr>
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</table>
Electrical Requirements
The SteamPro 120 operates at 115 VAC at 50 or 60 Hz. Circuit is to be single phase 3-wire GFCI protected (one conductor at line voltage, one neutral conductor and one ground conductor must be provided). Check your local building code for requirements. Note that the line cord from the SteamPro 120 is equipped with a plug designed for a 20 AMP receptacle; do not modify the plug in any way. A 20 AMP receptacle and wiring must be furnished for a proper installation.

Caution: Without proper grounding and GFCI protection, a system malfunction may cause fatal shock.
Locating the Steam Generator

The steam generator must be installed upright and level. The steam generator must be located within a 25 foot maximum steam line run to the steam head AND within the 20 foot control air tubing length to the control. It may stand attached to a horizontal base or to a wall. For wall mounting, use slots on cabinet ears and install a wood cleat or shelf to the wall at the bottom of the unit to help support the bottom.

Install the steam generator indoors only and in a dry location that will not be subject to freezing. If exposure to freezing can not be avoided (e.g., seasonal-use homes), drain the tank. Turn off the water supply to the unit if it will not be used for an extended period of time.

Room Construction and Ventilation: Important

The room in which the steam generator is to be located must be constructed of materials that can withstand excessive amounts of moisture and condensation. Large amounts of steam can be released into the room when the enclosure door is opened. Providing natural or forced ventilation of the room will help maintain comfort and minimize moisture damage to the building. Jacuzzi Whirlpool Bath is not responsible for damage resulting from excessive moisture. Consult an architect or engineer for aid in designing your room structure.
Plumbing Instructions and Cautionary Notes on Installation

Minerals in the water or poor water quality can shorten the life of the steam generator or cause erratic operation if the tank is not drained regularly. Drain the tank frequently. See Tank Draining below. Install the provided water filter in the cold water supply. Before connecting the outlet side of the filter run water through to flush any blackish carbon fines. Replace the filter provided after each year of use to minimize the need for cleaning the tank.

Guard against possible contact with hot steam pipes and other plumbing.

Maximum run of the steam pipe is 25 feet. The steam pipe should be insulated. This will reduce condensation in the steam line and will increase efficiency. When steam delivery plumbing is not accessible, codes may require the use of only copper and brass pipe and fittings, 1/2 inch minimum.

Install a **water supply shutoff valve** where it is easily accessible.

Apply thread compound sparingly to fitting threads such that excess compound does not dislodge and restrict the supply pipes. Flush lines before making connections to the generator.

When tightening or loosening fittings, **always use a backup wrench to hold the adjacent fitting**.

Pour six ounces of water into the 3/4" copper steam delivery tube before operating the unit for the first time.

**Caution:** Do not install any valves or create restrictions in the steam line. Do not construct any dips or valleys in the steam line as condensation will accumulate in these and block the pipe with water. Pitch the steam line such that condensation will run to the steam generator (preferable) or to the steam head.

**Tank Draining:**

Drain the tank after 60 hours of operating time. To drain SteamPro 120, place a cup under drain plug and remove drain plug **using a backup wrench to hold the adjacent fitting**. About 4-8 ounces of water will drain out of the tank and the cloudiness of the water will depend on the quality of supply water and how often the tank was drained. Reclose the drain, **again using a backup wrench to hold the adjacent fitting**. See also the Troubleshooting chart and Care and Maintenance on page 9.
INSTALLATION

Plumbing Diagram

STEAM PIPE 1/2 INCH MINIMUM SIZE COPPER (NOT PROVIDED). 25 FOOT TOTAL MAXIMUM RUN. DO NOT PLACE ANY VALVES OR DIPS IN LINE.

STEAM HEAD

3/4" DIA. TUBING (6" LONG)

THE STEAM PIPE CAN BE CONNECTED TO THE STEAM HEAD (INCLUDED) USING THE 3/4" DIA. TUBING (INCLUDED)

PIPE INSULATION RECOMMENDED

UNION (NOT PROVIDED)

3/4" COPPER STEAM DELIVERY TUBE

3/8 NPT (NOT PROVIDED)

WATER SUPPLY FILTER (PROVIDED)

UNION (NOT PROVIDED)

WATER SUPPLY WITH SHUT-OFF VALVE, 3/8 OR 1/2 INCH COPPER (NOT PROVIDED)

AIR HOSE TO AIR SWITCH ACTUATOR

1/4-18 NPTF BOTH ENDS (ADAPTORS NOT PROVIDED)
1. Make certain that power is disconnected from the steam generator.
2. Install air actuator as shown above.
3. After installation, connect the air tubing from the actuator button to the air bleed tee at the air switch.
Actuator Assembly

Important: Read complete instructions before beginning installation.

The actuator assembly for the SteamPro 120 may be mounted inside or outside the steam room.

1. Locate the air actuator button in the desired area (before drilling holes) to insure the location is appropriate. The air tubing from the actuator to the Steam Pro 120 may be up to 20 feet in length.

2. Tape the template to the desired area. Drill the two 3/8" (0.375") diameter holes first; then drill the 1-5/8" (1.63") diameter hole.

3. Connect the air tubing from the actuator button to the air bleeder tee at the air switch.

4. Apply a bead of silicone adhesive to the underside of flange on the actuator before installing.
**OPERATING INSTRUCTIONS**

**Care and Maintenance**

The steam generator tank **MUST** be drained frequently. Drain the tank after each 60 hours of operating time and then close the drain. At least once a year or if there is erratic operation, unplug the power cord, disconnect all plumbing and remove the SteamPro 120 from its mounting. Flush the tank out with water pressure through the steam discharge tube; invert the tank and allow it to drain. Should the tank still have an excessive amount of mineral deposit, add a 1/4 cup of white vinegar* (or lemon juice) and 1 cup of hot water to the tank. Let this solution soak for 1-2 hours; drain it and flush the tank with fresh water. Install a new water supply filter and reinstall the steam generator.

*Commercial demineralizes are also available at hardware stores for this purpose. Follow the manufacture’s directions for use.

**Troubleshooting Chart**

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>PROBABLE CAUSE</th>
<th>REMEDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Controls are on and appear to be functioning, but no steam.</td>
<td>A. Steamer heating up.</td>
<td>A. Allow 2 minutes for steam to flow.</td>
</tr>
<tr>
<td></td>
<td>B. Air switch button is in OFF position.</td>
<td>B. Push air switch once.</td>
</tr>
<tr>
<td></td>
<td>C. Drain valve not closed.</td>
<td>C. Close drain valve.</td>
</tr>
<tr>
<td>2. Water fill cycles rapidly.</td>
<td>A. Drain valve not closed.</td>
<td>A. Inspect drain end of drain pipe from drain valve. If water is flowing, close drain valve. (Note: Intervals between water fill cycles will normally be about 3 minutes.)</td>
</tr>
<tr>
<td>3. Steam generator will fill and produce steam, but will boil water away without refilling and shut itself off.</td>
<td>A. There is a high concentration of mineral buildup in the tank water because of continued use without draining the tank. This causes faulty water fill operation, and the high temperature safety switch will trip.</td>
<td>A. Drain the tank and refill with water. See Care and Maintenance. Reset the high limit safety switch.</td>
</tr>
<tr>
<td>4. Excess water is exhausted from the steam head.</td>
<td>A. Steam condensing in steam pipe.</td>
<td>A. Insulate steam pipe.</td>
</tr>
<tr>
<td></td>
<td>B. There is a high concentration of mineral buildup in the tank.</td>
<td>B. Drain the tank and refill with water. Replace the water filter. See Care and Maintenance.</td>
</tr>
</tbody>
</table>
PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
USE INSTALLATION INSTRUCTIONS SUPPLIED WITH PRODUCT.

Jacuzzi Whirlpool Bath has obtained applicable code (standards) listings generally available on a national basis for products of this type. It is the responsibility of the installer/owner to determine specific local code compliance prior to installation of the product. Jacuzzi Whirlpool Bath makes no representation or warranty regarding, and will not be responsible for any code compliance.