The Steamist “SM” Generator operates with one or two controls appropriately located inside and/or outside the steamroom. It’s small enough in size to be tucked away using very little space in a vanity, closet, basement, or an insulated attic, but large enough to provide steam for most residential baths.

The Steamist “SM” Steambath Generator comes factory-assembled, carefully wired and tested.

**NOTE:** The TC-110, TC-125, TC-135, TC-150, DSC-425, and DSP Controls are designed to work with all Steamist “SM” Generators.

1. **Pre-Installation**
   a) Proper electrical supply (208 or 240 Volt): See rating label on Steam Generator and Chart on back page. Determine proper size of wire, voltage, amperage, and phase for the Steam Generator. Only UL rated 90°C wire can be used.
   b) Dedicated overcurrent protection device, such as an In-line fuse/circuit breaker required: Fuse/circuit breaker to be installed must be sized in accordance with chart on back page. Do NOT install a GFI (Ground Fault Interrupter) to this equipment (per article 210-8 in the National Electric Code).
   c) Route power supply cable to the location where the Steam Generator will be installed (before walls are closed).

2. **Electrical Rough-in**
   a) At this time read through the installation instructions for the selected control(s).
   b) Route appropriate power cable to the location the Steam Generator will be installed. If receptacle is desired, mount the box for the receptacle near the location of the Steam Generator (see Figure 3: Typical Installation).

   **NOTE:** The plug and receptacle require a rating of no less than 250V and proper amperage. Refer to chart on page 4 for amperage rating.

   After the walls are complete, the Steam Generator and Control can be wired.

3. **Steam Generator Electrical Installation**

   **WARNING:** All power to the Steam Generator must be turned off.

   **IMPORTANT:** The Dual Kilowatt Switch MUST be set to the proper kilowatt rating in accordance with the Generator Sizing Guide and Generator Specification Chart (back page).

   a) Remove the two screws holding the electrical access cover and remove cover.
   b) Locate the supply line knockout. Mount proper strain relief into knockout hole (see Figure 2: Internal Electrical Connections).
   c) Strip back power cable’s outer insulation jacket eight inches and insert into steam generator. Strip back insulation ½” from the three (3) incoming wires (two power and one ground).
   d) Connect incoming ground wire to floating green pigtail labeled “GND.”

   **CAUTION:** Be sure the ground wire does not come in contact with a live electrical part.

   e) Connect incoming power to floating black pigtail leads labeled “L1” and “L2.” (see Figure 2: Internal Electrical Connections).

   f) The Steam Generator is ready for operation once the installation of the controls is completed (refer to separate Installation and Operating Instructions).
**Checklist**

**Models: SM-46 and SM-79**

**Before starting, insure that the conditions of the following checklist have been met:**


**CAUTION:** An improperly sized Steam Generator will NOT produce the amount of steam necessary to reach selected temperature.

- The proper voltage Steam Generator has been selected (i.e., 208V or 240V). A 208V Generator operating on 240V will damage the heating element, and a 240V Generator operating on 208V will result in a 25% loss of power.

- The Steam Generator is installed in an upright position.
- The proper sized 90°C wire and circuit breaker have been used.
- The circuit breaker is NOT a GFI (Ground Fault Interrupter) type.
- The Steam Generator is properly grounded.
- The circuit breaker or disconnect switch is on.
- Water supply is open to the Steam Generator.

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**Figure 2 - Internal Electrical Connections**

- Optional Steamist Splitter for Two Controls
- Protective Covering (Remove)
- Modular Jack
- Black Plastic Strain Relief Clamp
- Multi-Conductor Control Cable (25 feet)
- Ground Connection
- Electrical Supply Wire 208/240V
- Steam Outlet
- Safety Valve
- L1 & L2 Power Connections

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NOTE: Unit must be wired with 90°C wire in a suitable raceway, or, if local codes allow, provide twist lock plug on a 90°C wire cord from generator to a 250V 2-pole, 3-wire grounding receptacle (amperage rating as required).

Outside Installation
TC-110, TC-125 or DSP Timer Only

Control Cable
Route from Control to Steam Generator in a 3/4" conduit.

Insider Installation
Control should be mounted four feet from the floor. Select a location convenient to the bather but not in a direct line of Shower or Body Sprays and not directly above the steamhead.

TC-135, TC-150, DSC-425, and DSP Temperature Control MUST be installed inside the shower.

Importantly: Run the Control Cable through a 3/4" conduit. Remove protective cap when making the final connection to Control.