

## **Amerec Vapormist 120-volt plug-in generator -*Superior comfort and control***

### **Amerec Steam Specifications - Discover the healthy escape - once discovered, never forgotten**

GENERAL: Acrylic modular steam rooms shall be manufactured by Amerec. The following specifications include design parameters for the Amerec modular steam rooms, as well as for Amerec custom style sauna rooms.

WORK TO BE DONE BY OTHERS: All work set forth below will be included under other sections for the specifications:

1. For all Amerec Modular Steam Room types: Frame, install and finish exterior surface of steam room
2. Foundation, sub-floor, and final floor work.
3. All electrical and plumbing from supply, including connections to generator, control and light

For all Amerec custom steam enclosures:

4. Installation of stud walls and ceiling joists.
5. Installation of insulation and vapor barrier.
6. Installation of ceramic or stone tile, or some other interior surface.

WALLS AND CEILING FOR AMEREC MODULAR STEAM ROOM: No framed walls are required for Amerec modular steam rooms. However, exterior of the steam room is unfinished, and requires furring strips on walls to be covered.

### **Steam room modules**

Steam room modules are 8mm acrylic sheet with ABS reinforcement (no fiberglass), 16mm in seating area. High glazed, white color insulation is not supplied; we recommend at least R13 for walls and ceiling panels. Gasket tape and silicone sealant provided.

BASE FRAME: Extruded aluminum base frame.



DOOR FOR ACRYLIC STEAMROOM: All-glass door mounted on aluminum frame includes handles. Glass is 5/16", tempered and tinted. Door opening is 253/8"x711/4 on models 1, 2, and 3. Model 4, 5, and 6 come with standard handicap accessible door.

LIGHT: Steam room includes ceiling mounted vapor proof halogen light (one light on the Type 1 & 2, and two lights on Type 3, 4, 5 & 6). If more light is desired, specify vapor proof can-style ceiling light (Lightolier Recessed Light, Model #18021).

STEAM GENERATOR: Shall be Amerec Model\_\_\_\_\_, sized according to the size of the steam room as shown below. Generator shall be UL listed, includes insulated steam head with fragrance reservoir, matching escutcheon, and auto drain.

CONTROLS: Shall be Amerec Model\_\_\_\_\_, UL listed and matched with generator according to charts on page 4.

SIZING THE STEAM GENERATOR: Steam generator kW size is based on the cubic volume of the steam room and the construction materials used. Use the following "guidelines" to select the recommended steam generator:

Construction Material Change in Cu. Ft.  
Ceramic Tile thin set, Acrylic or Fiberglass  
add 0% Ceramic Tile mortar bed or cement  
board backing add 20% Cast Iron Tub add  
20% For each glass, glass block wall or  
exterior wall (if freezing is possible) add 10%  
Natural Stones (marble, granite, slate) add  
100% **IMPORTANT:** The maximum cubic  
footage on the steam generator charts is for  
reference only. Complex room construction  
and material variables may substantially alter  
the model required for your installation. For  
further information see  Amerec Steamroom  
Construction and Sizing Guide .