

STEAM BATH

BY STEAM SAUNA INC.



S TEAM
AUNA
Established in 1968

STEAM SAUNA BENEFITS

Hydration for good health:

When in the steam room, you will find your skin getting wet; this is not only because you will be sweating, but it is also coming from the steam. When the room fills with steam, it is not uncommon for your hair/skin to have a white appearance; this is normal due to the water particles on your hair.

It is very important to stay hydrated when using a steam room. This will ensure that proper hydration and ensure bodily functions will work properly. Dehydration can come about quickly and is something you want to avoid at all costs.

Health Benefits:

- Soothes your mind & body to relieve stress and relax muscles.
- Increases body metabolism.
- Helps eliminate toxins.
- Boosts your immune system.
- Relieves discomforts of asthma, allergies, and arthritis.
- Relieves throat irritation by moistening the air.
- Keeps mucous membranes from excessive drying.
- Relieves coughing.
- Relieves inflammation and congestion of the upper respiratory mucous membranes.
- Loosens secretions and stimulates discharge of mucous from the throat and lungs.

Beauty Benefits:

- Intensive and comprehensive cleansing effect on your skin.
- Enhances circulation and blood flow to your skin.
- Nourishes your skin with nutrients.
- Superior to body wraps in treatment of cellulite.
- Emulsifies the fat of sebaceous glands.
- Enhances the development of collagen.
- Hydrates dry skin.



STEAM RANGER™ FEATURES



AUTOMATIC FLUSH (Conventional)
Automatically flushes out the boiling water through the motorized drain valve when the system stops. Comes with the option of manual flush.



i-CLEANING: Exclusive, upgraded from Automatic Flush
Pressurized city water hits the sloped bottom of the boiling tank, flushes sediments out, and repeats the cycle three times, resulting in complete sediment removal. Optimizes efficiency and hygiene, prevents sediment buildup, and extends unit life.



THE INSTANT STEAM: Steam-On-Demand
You get steam instantly, no waiting time. Automatically switches from the standby mode by the touch of a button.



i-TOUCH CONTROL
Innovatively designed, elegant looking touch pad with built-in 30-min. operation is compatible with other master controllers.



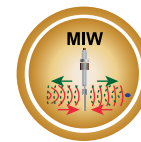
100% DIGITAL CONTROL SYSTEM
The steam functions are fully controlled by a programmable microprocessor.



304 STAINLESS STEEL
Type 304 high-quality Stainless Steel enclosure.



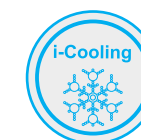
COMPACT DESIGN
Ultra-compact design, easy to install in smaller spaces.



MIW TECHNOLOGY
Advanced MIW technology ensures accurate water level detection.



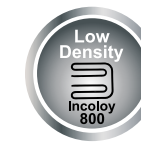
POWER ADJUSTABLE
With the Steam Ranger™ Unit, you have the complete flexibility of usage, and can change the steam density from very low to very high as per your individual needs.



i-COOLING: Built-in Drain Cooling System
The innovative technology is designed to drop down water temperature below 140°F during flush. Ensures that only pre-cooled water is flushed out (eliminating the need for a cool down tank), and provides draining inside the steam room safely.



6-YEAR LIMITED WARRANTY
6-year limited warranty or optional lifetime warranty offers you a worry-free lifestyle.



LOW DENSITY
Industrial process low-density 800 series Incoloy heating elements, corrosion-resistant.



90-MIN. SAFETY SHUTOFF
Built-in 90-min. safety automatic shutoff.



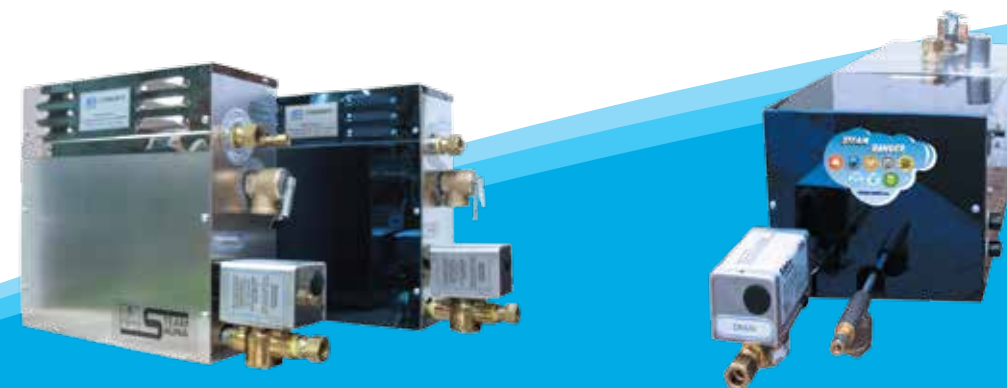
EASY FITTING
All compression fitting connections make installation quick and simple.



SUPER-QUIET
Super-quiet operation, continuous smooth steam.



ENERGY STAR
Energy-efficient - saves you money, due to compact design and low water consumption.

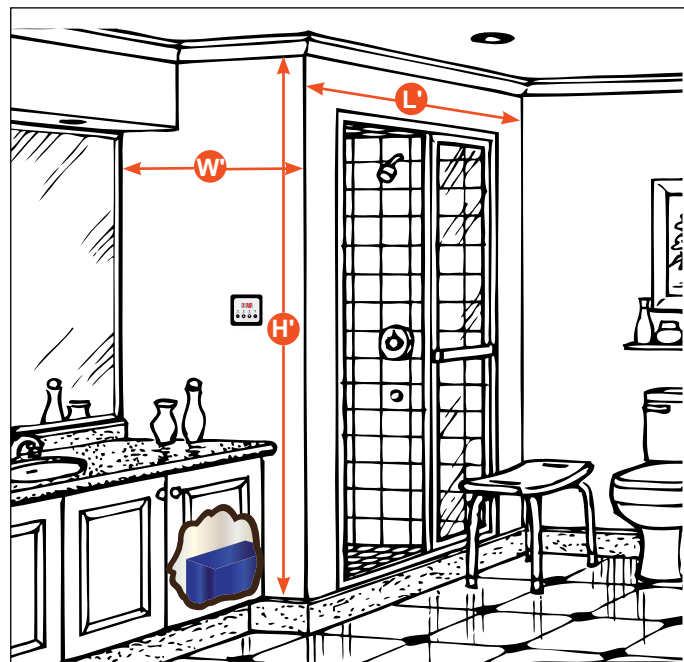


STEAM GENERATOR SELECTION

STEAM RANGER™ RESIDENTIAL STEAM GENERATORS

Calculate the steam room's volume (V) in cubic feet by multiplying its length x width x height (in feet). Based on the construction design, determine one of the highest applicable factors from the following and multiply it by V.

1. If Ceramic Tiles, Glass Tile, or Block is used, multiply V by 1.3.
2. If there is an external wall, or your steam room is in the basement, multiply V by 1.6.
3. If Natural Stone, Marble, Slate, or Granite is used, multiply V by 2.0.



1. Calculate the room size:

$$L \times W \times H = \text{Cubic Feet (Cu.Ft.)}$$

Steam room dimensions 4 Ft (L), 3 Ft (W), 7.5 Ft (H):

- Room Cubic footage = $L \times W \times H$
= $4 \times 3 \times 7.5 = 90 \text{ Cu.Ft.}$

2. Apply the Material Factor (MF):

Interior finish: Glass wall and in the basement:

- $MF = 90 \times 1.6 = 144$

3. Pick Your Model:

- Model RS100 suited for 150 Cu.Ft. > 144 Cu.Ft.

4. Pick Feature Package:

- i-Cleaning: The Self-Cleaning System

5. Select display control & steam head:

- Bregueti Control (White) & Gem Stone (Ivory)

6. Add your favourite accessories:

- RGB light with housing, waterproof speakers

Install the Steam Ranger™ unit under the vanity, in an adjacent closet, on a shelf, or in the basement; it can be placed up to 50 feet (15 m) from your steam room.

Model	RS50	RS100	RS150	RS250	RS300	RS400	CS15	CS18	CS24	CS30	CS36
KW	3.0	4.5	6.5	8.5	11	13	15	18	24	30	36
CU FT	90	150	250	375	500	600	700	800	1200	1500	1800
Power Adjustable Unit				RV9				RV13			
									RV15		
										RV18	

*Our steam units are available up to 60kW. If the required room size exceeds the listed above, please contact the manufacturer.

STAINLESS STEEL ENCLOSURE	MODEL NO.	KW MAX	CU FT RANGE	Volts/Phase/Amps	MAX DIM L x W x H (w/drain)	SHIPPING WEIGHT	BLUE ENCLOSURE
	RV9	8.5	50-375	240/1/38	15"x5"x12"	24 lbs	
	RV13	13	50-600	240/1/55	15"x8"x12"	30 lbs	
	RV15	15	50-700	240/1/63	15"x8"x12"	30 lbs	
	RV18	18	50-800	240/1/75	15"x8"x12"	30 lbs	
	RS50	3.0	50-90	240/1/13	23"x7"x10"	25 lbs	
	RS100	4.5	90-150	240/1/19	23"x7"x10"	25 lbs	
	RS150	6.5	150-250	240/1/27	23"x7"x10"	25 lbs	
	RS250	8.5	250-375	240/1/38	23"x7"x10"	25 lbs	
	CS11	11	300-500	240/1/46	25"x9"x10"	30 lbs	
	CS13	13	400-600	240/1/54	25"x9"x10"	30 lbs	
	CS15	15	500-700	240/1/63	25"x9"x10"	30 lbs	
	CS18	18	600-800	240/1/75	25"x9"x10"	30 lbs	
	CS24	24	up to 1200	240/1/100 208/3/67	25"x9"x18"	60 lbs	
	CS30	30	up to 1500	240/1/125 208/3/84	25"x9"x18"	60 lbs	
	CS36	36	up to 1800	240/1/150 208/3/100	25"x9"x18"	60 lbs	

Feature Package



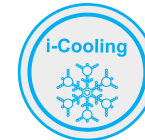
1.1 AUTOMATIC FLUSH (Conventional)

Automatically flushes out the boiling water through the motorized drain valve when the system stops. Comes with the option of manual flush.



1.2 i-CLEANING: The Self-Cleaning System (Exclusive, upgraded from Automatic Flush)

Pressurized city water hits the sloped bottom of the boiling tank, flushes sediments out; repeats the cycle three times, resulting in complete sediment removal. Optimizes efficiency, hygienic, prevents sediment buildup, and extends unit life.



2 i-COOLING: Built-in Drain Cooling System

The innovative technology is designed to drop down water temperature below 140°F during flush. Ensures that only pre-cooled water is flushed out (eliminating the need for a cool down tank), and provides draining inside the steam room safely.



3 STEAM-ON-DEMAND: The Instant Steam

You get steam instantly, no waiting time. It automatically switches from the standby mode by the touch of a button.

*Excellent Aesthetic Look
Combined With Upper Level Luxury*



Bregueti Touch Control
White



Black



Entertainment Touch Control with Remote



Blue Designer Control



Advanced with Backplate



Gem Stone Chrome-plated Solid Brass Steam Heads



Standard with Escutcheon



RGB High-power LED Light Bulb with Housing



Tilt-Up Teak Bath Seat



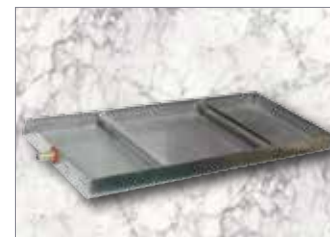
RGB High-Power LED Light Bulb with Remote



Waterproof Speakers



Fragrances



Stainless Steel Drip Pan

STEAM ROOM CONSTRUCTION

- Determine the Room Size (L x W x H) based on the occupancy. Optimum height: 8'.
- Insulate the walls and ceiling with fiberglass (R12) between studs (2 x 4 metal or Kiln-dried wood, 16" c/c) and ceiling joist.
- Rough-in:
 - Steam controller (54" above the floor).
 - Temperature sensor: (5" above door) away from the steam heads (6" above floor).
 - Floor drain: close to the steam head(s).
 - Light with waterproof housing.
 - Waterproof speakers.
- Cover studs with min. 5/8" plywood.
- Install vapor barrier (high-temperature blue skin or equivalent) overlap seams and seal completely from ceiling/walls/benches to the floor pan.
- Install min. 5/8" cement board.
- Select the interior finish and apply on it, using flex tile #52 White or equivalent thin set use epoxy grout for maximum life span.
- Slope ceiling & benches.
- Install frameless tempered glass door with gasket.
- Locate the steam generator in a place with easy access to city water, floor drain, and power supply. The best locations can be close to the furnace, power panel in the basement, laundry room, vanity, closet, etc.
- Select a steam generator, based on the following characteristics:
 - CSA-, UL-approved.
 - Compact Design.
 - Energy-efficient.
 - Longer Life.
 - Easy to install.
 - Safety Auto-shutoff.
 - 100% Digital Design.
 - User-friendly.
 - Maintenance-free.

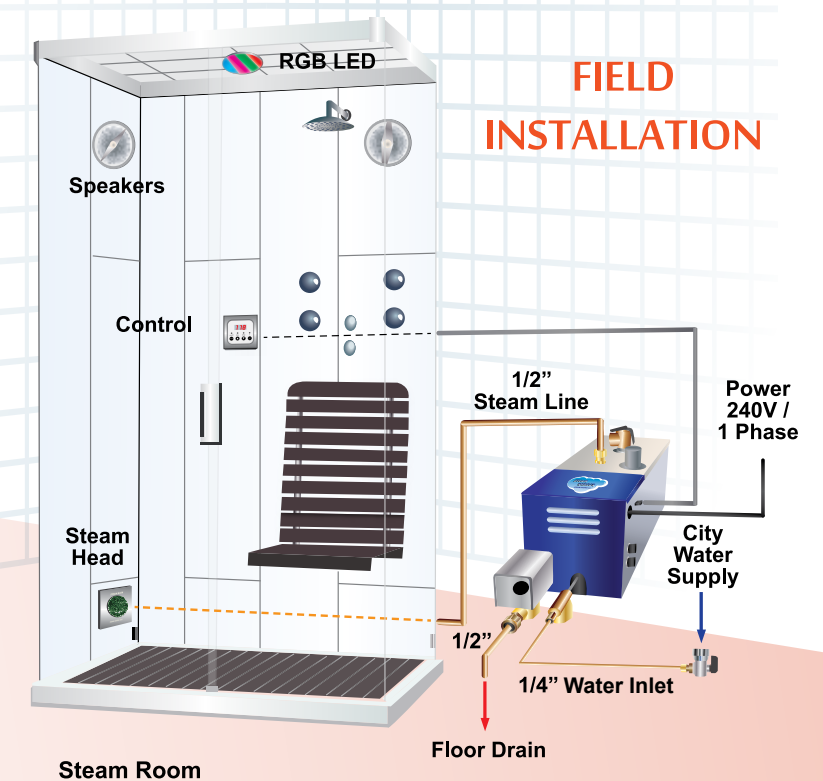
STEAM GENERATOR INSTALLATION GUIDE

Electrical

- Power supply as per specifications of the steam generator(s).
- The power cable size and breaker size are to be determined, according to Local Building Codes.
- Low-voltage electrical wiring for the control panel runs from the steam generator to the location inside/outside the steam room.

Plumbing

- 1/4" Water incoming line c/w compression fitting for 1/4" Copper tube.
- 1/2" Drain pipe runs to the floor drain c/w compressing for 1/2" Copper pipe.
- 1/2" Steam outlet(s) c/w compression fitting for 1/2" Copper pipe.



CLIENT OVERVIEW

Ritz-Carlton Hotel
 Park Hyatt Hotel
 Mandalay Bay Resort
 Omni Resort Hotel
 Hilton Hotel
 Crown Plaza Hotel
 Radisson Hotel
 Marriott Hotel



Barrie YMCA
 Phoenixville YMCA
 YMCA of Rome
 YMCA of Kingston, NY
 YMCA of San Francisco



New York Country Club
 Congressional Country Club
 Beverly Hills Country Club
 Richmond Hill Country Club
 World Gym



Michigan State University
 Iowa State University
 Florida State University
 Georgian College



Heaven on the Earth Spa
 Danger Figure Spa
 Sandals Resort Spa
 The Meritage Resort Spa
 The Elmwood Spa



St. Mary's Memorial Hospital



and many more...



Bellagio Hotel



The Venetian Hotel



Burj Al Arab



Sheraton on the Falls



Four Seasons Resort



Walt Disney World



LA Fitness



University of Toronto



Gold's Gym



Toronto Woodbine Racetrack



Medison Square NBA Centre



Vancouver Hillcrest Olympic Centre



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