



S·A·L·T
CHAMBER

Halogenerator Buyer's Guide

Everything You Need To Know
About Halogenerators and Halotherapy



Halogenerator Buyer's Guide

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Halogenerators - Evolution of Salt Therapy

Modern dry salt therapy (halotherapy) can date its origins to the salt mines and caves in Europe and Russia, where it was called speleotherapy, a respiratory therapy which involves the breathing of salt-infused air in a micro-climate of a salt mine. It was first officially recognized as a therapy in 1843 by Polish physician Dr. Feliks Boczkowski.

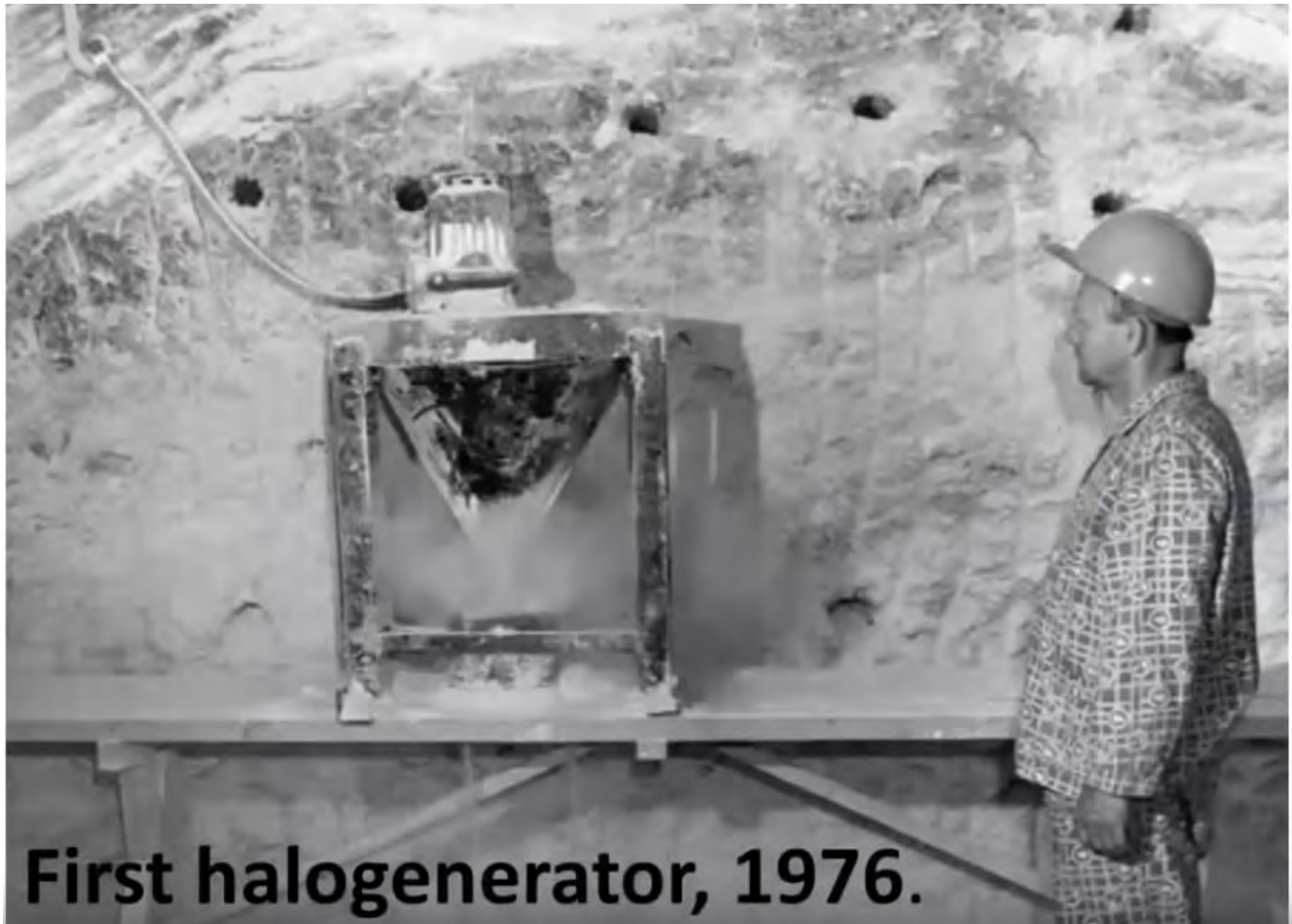
Miners, who chiseled, ground, and hammered the salt in the mines, produced micro-sized particles that were dispersed into the air and inhaled. Additionally, there were ideal conditions below the Earth's surface where air pressure and circulation, and humidity and temperature affected the quality of the environment. The air lacks airborne pollutants like pollen and radon. In this environment, miners were receiving many natural health benefits by breathing in the salt particles.

Impressed with the positive health benefits experience, Dr. Boczkowski founded and opened the first health resort facility at the Wieliczka Salt Mine in Poland in 1839.

Throughout Eastern Europe, others started using hollowed-out salt mines and caves as underground health resorts and sanatoriums.



Because speleotherapy involved spending two to three hours a day or several days at a time underground in a salt mine or cave, and not many people could spare that time or the expense to travel to a salt mine, Russian doctors and scientists decided to create "man-made" speleotherapy. In 1976, the first halogenerator was developed, which replicated the conditions of salt mines and caves. With that, Halotherapy was born.



Halotherapy, which comes from the Greek word for salt, Halo, is a modern method that mimics the natural microclimate of the salt mines. Individuals can get the benefits of a salt mine in only 10 minutes in a SALT Chamber SALT Booth®, or from 25 to 45 minutes in a specially designed salt therapy room, depending on the size of the room.

What is a Halogenerator?

ha·lo gen·er·a·tor

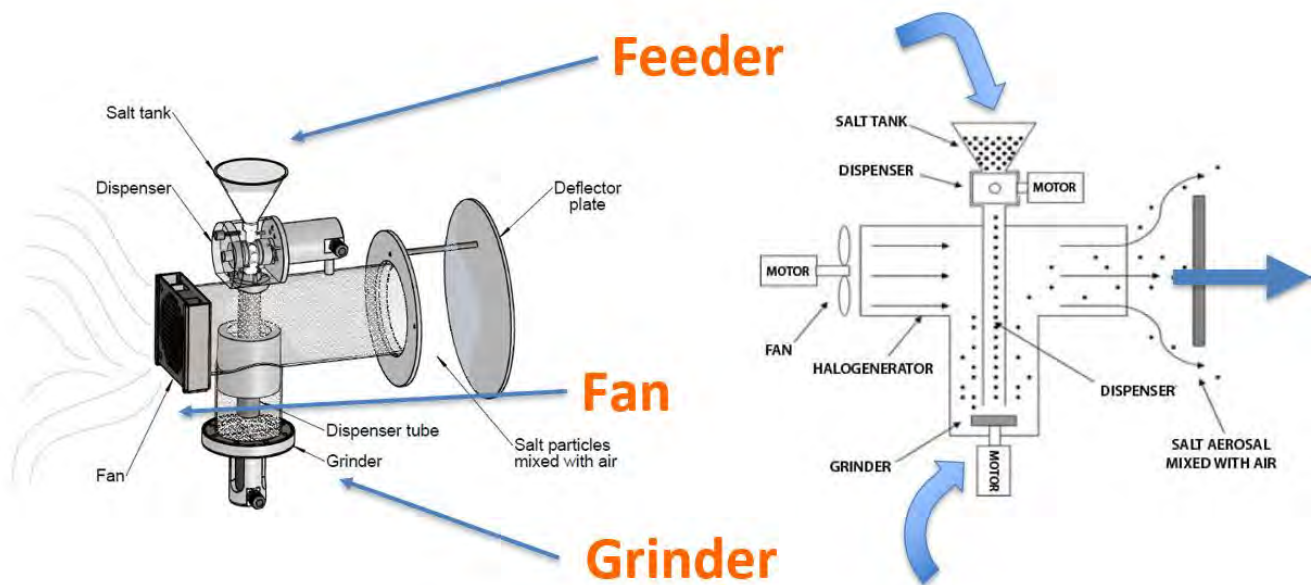
/'hālō/ /'jenə_rādər/

Noun: halogenerator

Origin: *Halo*: Greek for salt

The heart and soul that breathes success to a SALT Booth® or salt room concept starts with the halogenerator:

- an apparatus for producing dry salt aerosol for halotherapy (dry salt therapy).
- a machine that intakes air and is comprised of a salt feeder, and a grinder or blade cutting mechanism that transforms pure-grade sodium chloride into precise micro-sized salt particles and disperses the dry salt aerosol via a fan through an opening into an enclosed SALT Booth® or salt therapy room.
- a special type of precision equipment that provides programmable halotherapy treatment for respiratory and skin conditions for humans and animals.
- an apparatus that provides respiratory hygiene.



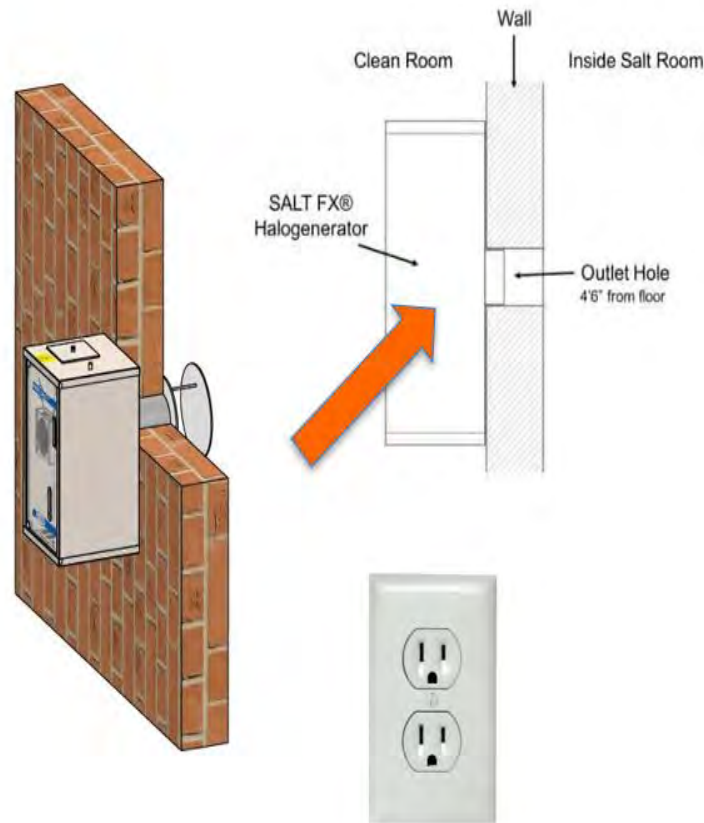
How Does a Halogenerator Work?

All SALT Chamber halogenerators have the same basic principles:

- You place dry, pure grade sodium chloride (salt) into the feeder mechanism which releases the dry salt into the grinder.
- The grinder is made of a high-quality, medical-grade stainless steel blade and cutting mechanism that can precisely crush, grind, and cut the salt crystals into precise micro-particles.
- These particles are then dispersed by a blower/fan mechanism that pushes the salt particles into the salt room or SALT Booth®.

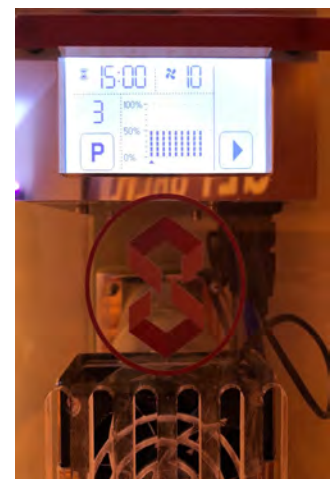
How Do You Install a Halogenerator?

- Halogenerators are simple to install and require no special or unique tools.
- Our halogenerators plug into standard 110v outlets, use low power consumption and require no special amperage or modifications to electrical components.
- Halogenerators need 'clean' air to function properly and provide effective salt therapy. That is why halogenerators are directly mounted on the other side of a salt room or SALT Booth® wall with the 'sleeve' coming through and into the salt room or SALT Booth® to disperse the dry salt aerosol. If the halogenerator was inside the room or SALT Booth®, it would be recycling the salty air in the room through the machine, which is not desired.
- The attached sleeve of the halogenerator is mounted at approximately 4'6" from the ground. The device is attached vertically on the wall with simple anchoring screws.
- The halogenerator is designed for one salt room or SALT Booth® and cannot handle multiple rooms or more than one SALT Booth®.
- The halogenerator cannot be attached to ductwork since microscopic salt particles do not travel distances or bend around corner or angles. That is why the halogenerator is flush mounted on an existing wall of the salt room or SALT Booth® protruding directly into the salt room or SALT Booth®.



How Do You Operate and Maintain a Halogenerator?

- Once the halogenerator is installed, all you have to do is put salt into the device and press start.
- SALT Chamber halogenerators can also be programmed and operated remotely via Bluetooth devices.
- All SALT Chamber halogenerators can store up to 9 preset salt session programs with an unlimited amount of possibilities in terms of session length, concentration levels, and more.
- SALT Chamber halogenerators are modular in design and features "Smart Connect" attachments using industrial strength magnets instead of clumsy and time-consuming screws and clamps for easy and quick access to make cleaning and maintenance simple and safe.
- Depending on the frequency of usage, a few quick cleanings using a brush may be needed periodically through the day, with no more than a five-minute maintenance protocol at the end of the day.



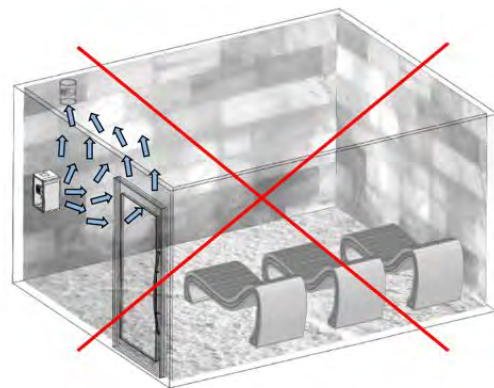
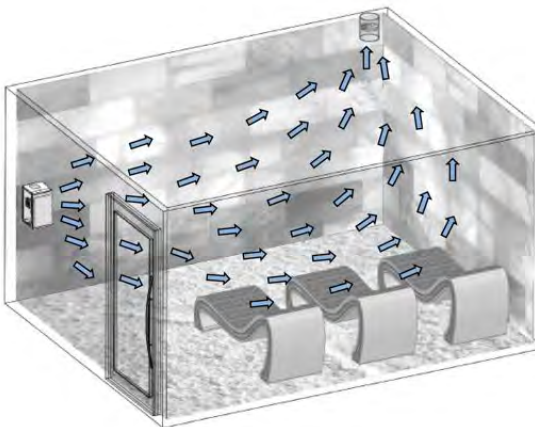
What else do you need to know?

In addition to a halogenerator, some salt rooms may require special modifications to the heating, ventilation, and air conditioning system to:

1. Ensure effective and consistent dispersion of the dry salt aerosol and;
2. Eliminate and avoid any potential corrosiveness of the salt throughout the environment.

Determine Electrical and HVAC Needs

- Ventilation System (current/new)
- Air Supply, Return/Exhaust
- Ranges of Humidity and Temperature
- Placement of Vents
- Corrosive-Free Lighting and Fixtures
- Marine-Grade Speaker or Sound System
- Mounting of SALT FX® Pro
- Relay Box and Auxiliary Switches



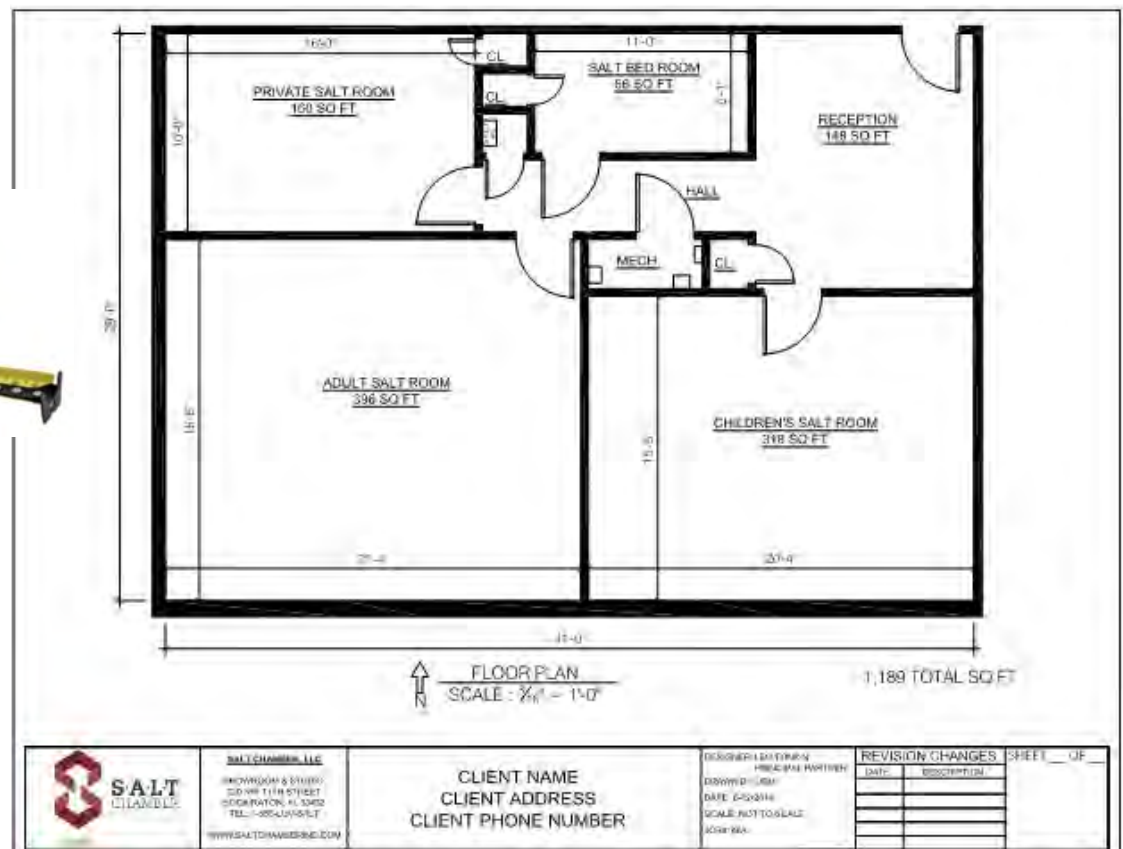
Complete and Full Schematic and Technical Specifications Provided
FREE Consultation with your Architects, Designers, and General Contractors

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Determine Size and Space Needs

Not all locations, spaces, and systems are the same. Since each of our client projects varies from location to location, SALT Chamber works with you, designers, general contractors, mechanical engineers, community developers, real estate brokers, landlords, and architects to:

- Understand how the dimensions and shape of the salt room space may impact the effectiveness.
- The proper placement, location, and installation of the halogenerator.
- Determine ceiling type and height.
- How door location and/or windows may impact room.
- Determine the number of occupants and seating options.



Can There Be Halotherapy Without a Halogenerator?

According to the **Salt Therapy Association (STA)**, there are some facilities that claim they offer halotherapy, but they do not have a halogenerator. If there is no halogenerator, there is no halotherapy. They may have salt as a décor feature on the walls and floors, however, the only way dry salt therapy can be provided is with dry salt being dispersed into a salt room or SALT Booth®.

While some claim that heated Himalayan salt can be beneficial in an environment by releasing negative ions and hygroscopically purifying the air, the **STA** has found this to be false and "mythinformation". Those types of facilities **DO NOT** provide any benefits of halotherapy.

What Type of Salt is Used in a Halogenerator?

Just like all halogenerators are not created equal, neither are all salts. All the clinical studies and research for halotherapy involve using 99.99% pure grade sodium chloride (salt), therefore, it's the **ONLY** salt that should be used in a halogenerator.

This salt comes from the earth and seas but goes through a process eliminating and removing all debris and contaminants. It is not processed with any additives or caking agents such as table salt. Other types of salts are often used as a décor element such as Himalayan salt, but only 99.99% pure grade sodium chloride is used in the halogenerator.

All manufacturers have aligned with the **STA** to ensure the standard of this salt.

NaCl



How To Evaluate Halogenerators

When it comes to experiencing the key benefits of halotherapy, choosing the right halogenerator is without a doubt the most important decision you will make.

A critical first step in making sure you've selected the right halogenerator is the viability, credibility, and reliability of the product itself.

Here are 5 key standards that help set SALT Chamber's SALT FX® halogenerators apart from the competition:

-  **Efficacy of Halotherapy - Particle Size and Concentration Levels**
-  **Quality, Testing, Safety & Reliability**
-  **Capabilities/Ease of Operation**
-  **Care, Maintenance, & Service**
-  **Warranty**

How To Evaluate Halogenerators

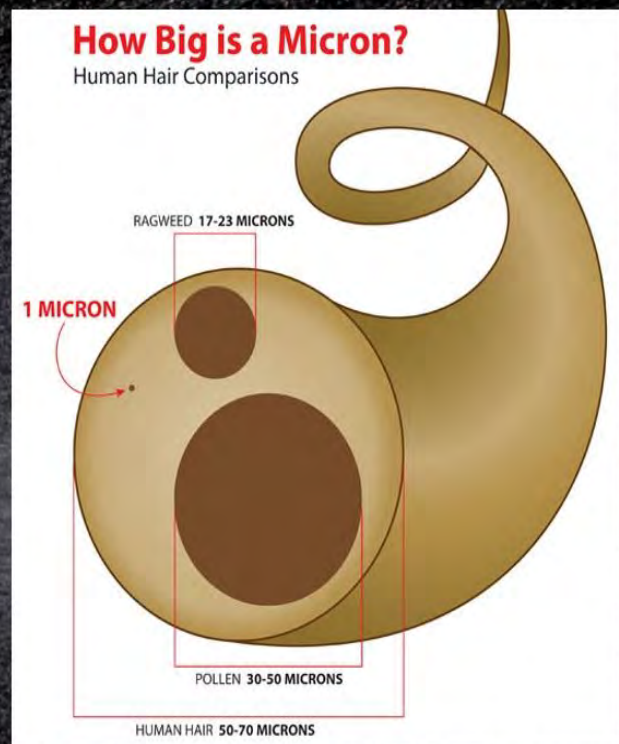
Efficacy of Halotherapy - Particle size and concentration levels

SALT FX® halogenerators consistently provide halotherapy standards of 5 to 25 mg of sodium chloride per cubic meter ranging in particle size from 2 to 5 microns.

Only SALT FX® halogenerators can provide over 90% of salt particles that are 2 microns or smaller (**the smaller the salt particle the deeper it can penetrate the respiratory system and skin for better results**).

SALT FX® halogenerators are made with special polymer feeders and grinder components and medical-grade stainless steel grinder blades and housing.

Particle Size Matters



Quality, Testing, Safety & Reliability



SALT FX® Halogenerators are the **ONLY** halogenerators manufactured in a recognized and certified medical device facility that meets the highest quality international standards achieving the prestigious ISO 9001, 14001, and 13485 certifications.

Due to the other equipment manufactured at the facility, specific quality standards and testing must be in compliance. No other halogenerator manufactured meets these standards.

SALT Chamber is the **ONLY** company to have two SALT FX® halogenerators with a UL Listing and CE Certification. UL is an independent, nationally recognized testing authority in the United States. UL testing ensures that all the electrical components of manufactured equipment conform to certain safety guidelines. CE marking is a certification mark that indicates conformity with health, safety, and environmental protection standards for products.



Capabilities/Ease of Operation

- SALT FX® halogenerators are the only halogenerators that use industrial strength magnets for connecting the major components to provide simple and ease of maintenance and cleaning.
- Non-stop regime provides the continuous flow of live salt throughout the operating time (up to 99-minute sessions).
- Easy-to-read LED control panel.
- 9 programmable settings for various salt therapy sessions with thousands of possibilities for controlling the length of sessions, salt concentrations, and more.
- SALT FX® halogenerators are made with special polymer feeders and grinder components and medical-grade stainless steel grinder blades and housing.
- Downloadable Bluetooth App to remote program and operate halogenerators.

Care, Maintenance, & Service

SALT Chamber is the only company located in North America that has professionally trained technicians and electricians on staff at a dedicated facility that has stocked inventory of spare and extra parts, various components, testing, and research and development. No other halogenerator or salt therapy company has anything comparable.

SALT Chamber is the only company that has marketed, distributed and serviced halogenerators from various manufacturers, has a history of repair logs and issues of these units, therefore, we know the intricacies of their design and operations allowing us to provide the best experience and expertise about halogenerators.

Warranty

We were the **FIRST** to offer a 3-year warranty on our SALT FX® halogenerators, and as well as the **FIRST** to offer a limited **LIFETIME** Warranty on the feeder, grinder, and fan.





Halogenerator Buyer's Guide

SALTFX® Halogenerators

SALT Chamber is the industry leader in Salt Therapy products and equipment, and our halogenerators have the best warranty and service record in the industry.

In addition, they are the:

- **ONLY** halogenerators manufactured by a medical device company
- **ONLY** halogenerators to comply with QS/ISO quality standards
- **FIRST** and **ONLY** to have multiple UL Listings and CE Certifications
- **ONLY** halogenerators to include Bluetooth and Remote Control capability from a smartphone and/or tablet
- **ONLY** halogenerators to include a spare parts and cleaning kit (even cars have spare tires, just in case...we don't want you to ever have downtime)
- **ONLY** North America-based, on-premise Service and Support Center
- **QUIETEST** halogenerators on the market
- **FIRST** to offer a three-year warranty
- **FIRST** with a limited **LIFETIME** Warranty on the feeder, grinder, and fan



Medical Device
Manufacturer







"Fundamentals of Salt Therapy"
Training Certification

Toll Free Support
1-855-LUV-SALT

Halogenerator Comparison Chart

When compared to halogenerators offered by our competition, this chart clearly shows that **SALT Chamber SALT FX® halogenerators** have **more certifications**, the **best warranties**, the **only part kits**, the **only North America-based service center**, and most importantly, are the **only ones made by a medical device company**.

				
Manufacturer	Prizma	Halomed	Iris	Anchor Salt World
Country of Origin	Serbia	Russia	Estonia	Estonia
Type of facility	Medical Device	Manufacturing	Plastics/Manufacturing	Plastics/Manufacturing
Company	SALT Chamber	HalomedNA	The Salt Room	Global Halotherapy
ISO Quality Certification	✓			
QS Certifications	✓			
UL Certifications	✓ ⁽²⁾			✓ ⁽¹⁾
Bluetooth Remote	✓			
Auxiliary Capabilities	✓	✓	✓	✓
US-Based Facility-Service Center	✓			
Parts Kit and Fuses	✓			
Warranty	3 years/Lifetime	2 years	2 years	3 years



Halogenerator Buyer's Guide

MULTI SALT FX® Halogenerator

The most compact, simplest and easiest to use and operate, the MULTI SALT FX® halogenerator is designed to provide effective and consistent dry salt therapy (halotherapy) for smaller sized salt rooms (up to 150 sq. ft.), personal and home use, and salt therapy concepts such as the SALT Chamber trademarked SALT Booth®.

Specifications:

- **Dimensions:** Height: 18 in (45 cm) Depth: 8 in (21 cm) Width: 8 in (20.5 cm)
- **Weight:** 14 lbs. (6.5 kg)
- **Power Source:** 100-240V, 47-63Hz
- **Power Consumption:** 35W
- **Operating Conditions:** 68°-104° F (20°-40° C); 15-40%RH; 700-1060 hPa



\$4,995

Includes FREE Spare Parts Kit (\$406 value)
THIS MEANS NO DOWNTIME!

MULTI SALT FX® Halogenerators include the following:

- Online and Toll-Free Support/Services
- Free Relay Switch to connect auxiliary devices directly to the halogenerator (ventilation, lights, music, etc.)
- Complete illustrated User's Manual and Installation and Operation Manuals and Videos
- Extension Sleeves and Salt Deflectors (to direct dry salt aerosol in the room)
- Comprehensive One-on-One Training
- Fundamentals of Salt Therapy Training Webinar
- Maintenance Guidelines and Protocols
- FREE Halogenerator Starter Kit
 - FREE 10-lb. Container of Halo-Salt™ (lasts approximately 100-200 sessions)
 - Various size cleaning brushes specially designed for the halogenerator
 - Downloadable Bluetooth App to remote program and operate Halogenerators



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SALT FX® PRO Halogenerator

The proven market leader and the most preferred halogenerator for salt rooms and salt caves throughout North America, the SALT FX® Pro, designed to provide effective and consistent dry salt therapy (halotherapy) to rooms up to 450 sq. ft. in size, is one of the most technologically advanced halogenerators on the market, yet it's simple design and ease-of-use make it the most reliable, durable, and quietest on the market.

Specifications:

- **Dimensions:** Height: 19.37 in (49.2 cm); Depth: 10.63 in (27 cm); Width: 10.24 in (26 cm)
- **Weight:** 30 lbs. (13.5 kg)
- **Power Source:** 100-240V; 50-60Hz
- **Power Consumption:** 55W
- **Operating Conditions:** 68°-104° F (20°-40° C); 15-40% RH; 700-1060 hPa



\$6,500

Includes FREE Spare Parts Kit (\$598 value)
THIS MEANS NO DOWNTIME!

All SALT FX® PRO Halogenerators include the following:

- Online and Toll-Free Support/Services
- Free Relay Switch to connect auxiliary devices directly to the halogenerator (ventilation, lights, music, etc.)
- Complete illustrated User's Manual and Installation and Operation Manuals and Videos
- Extension Sleeves and Salt Deflectors (to direct dry salt aerosol in the room)
- Comprehensive One-on-One Training
- Fundamentals of Salt Therapy Training Webinar
- Maintenance Guidelines and Protocols
- FREE Halogenerator Starter Kit
 - FREE 10-lb. Container of Halo-Salt™ (lasts approximately 100-200 sessions)
 - Various size cleaning brushes specially designed for the halogenerator
 - Downloadable Bluetooth App to remote program and operate Halogenerators



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Equine and Pet Salt Therapy

SALT Chamber are pioneers in providing access to halotherapy to horses and have partnered with others to create a portable halotherapy system using our MULTI SALT FX® halogenerator.

SALT Chamber halogenerators provide state-of-the-art salt therapy technology for horses and other pets, which, according to the Salt Therapy Association, help improve the overall health and efficiency of their respiratory system, which leads to improved cardiovascular performance.

Furthermore, research shows that as the animal inhales the aerosol, the dry salt goes to work inside the respiratory system by acting as an anti-bacterial agent, clearing secretions, and dissolving bacteria and pollutants lodged in the respiratory tract. Ultimately, this lessens inflammation in the lungs, thins out mucus build-up, improves lung function, and opens breathing passages.

Salt Therapy for horses and other pets has been shown to assist with:

- Inflammatory Airway Disease
- Lower Airway Disease
- Recurrent Airway Obstruction
- EIPH | Sinusitis | Skin Rash
- Mineral Salt Deficiency





Halogenerator Buyer's Guide

Why Choose SALT Chamber?

The pioneers of salt therapy in North America, SALT Chamber has revolutionized the industry. Since 2012, SALT Chamber has provided halogenerators to over 475 worldwide projects, while continuing to further develop and innovate our technology. SALT Chamber is responsible for creating the SALT FX® brand and trademark, including proprietary methods for designing, building, and installing effective dry salt therapy rooms.

SALT Chamber has worked with several halogenerator manufacturers and is familiar with the pros and cons of all the equipment and has leveraged the lessons learned to provide the most comprehensive line of reliable and quality manufactured halogenerators on the market.



SALT Chamber works with entrepreneurs who plan on starting a new salt therapy business, existing day spas, fitness, and wellness centers, private country clubs, destination resorts, as well as individuals who would like to add salt therapy to their home for personal use via a luxury salt room or our residential SALT Booth®.

SALT Chamber is the only company offering several different models, configurations, and prices to fit various size rooms, salt therapy concepts, and applications to fit your needs and budget.

In addition, SALT Chamber is the only full-service salt therapy company located in North America with a dedicated technical, parts, and service team. That means our warranty service is local and we offer free consulting, training, toll-free support, and trouble-shooting.



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Epilogue

Not All Halogenerators Are Equal

The halogenerator is the heart, brains, and soul to providing effective dry salt therapy (halotherapy). It is the most important and critical piece of equipment necessary for having a salt room or SALT Booth®.

All the health benefits of halotherapy are provided only if there is a halogenerator as part of the room or booth. There are some facilities across the country that have beautiful Himalayan salt caves and salt rooms and some actually claim health benefits, however, they do not have a halogenerator and without a halogenerator, you do not have halotherapy.

Some facilities have backlit and/or heated Himalayan salt walls and lamps in a treatment room, relaxation room, sauna room, or another type of cave, and claim health benefits, but these features are simply an architectural décor element. You simply have a nice-looking salt wall, room, or cave, but absolutely no health or wellness benefits of halotherapy are achieved, nor any negative ions or air purification from Himalayan salt. In fact, it's just the opposite...you can have a halogenerator and no Himalayan salt décor in the room and have effective halotherapy and wellness benefits. It's not about Himalayan salt décor. You can have any type of décor in a salt room - simple to unique designs - using other other types of materials. That's what SALT Chamber is all about.

A halogenerator is a piece of equipment that ranges in size from about 18 to 24 inches tall, 7 to 12 inches wide, 7 to 10 inches deep, and weighs about 14 to 22 pounds. It is attached and mounted directly outside of one of the interior walls of the salt room about 4 ft. from the floor with a sleeve extending into the salt room. In a similar way, a halogenerator attaches and mounts directly to an outside wall of a SALT Booth®, as well.

It plugs into a standard 110v outlet and uses low wattage so no special electrical is required. Pure grade sodium chloride (salt) is placed into the feeder of the halogenerator. The feeder then releases the salt into the grinder, which then crushes and grinds the salt into micro-sized particles that are then dispersed into the salt room or SALT Booth® via the internal fan.

A halogenerator needs to be a very precise piece of equipment. It needs to be able to consistently and reliably grind the sodium chloride to specific sized particles as well as be able to reliably distribute accurate salt concentration levels into the salt room or SALT Booth®.



Halogenerator Buyer's Guide

Given the corrosive nature of salt, the elements of a halogenerator need to be manufactured from high-quality materials and components. A halogenerator should also be able to work and control air ventilation and HVAC systems specific to the salt room. Other important factors include noise levels, ease of care and maintenance, warranty and service, programming, and functionality.

There are no US manufactured halogenerators and the majority are produced in Europe (the birthplace of halotherapy). Currently, there are no quality, safety or any other standards for halogenerators being manufactured. However, the **Salt Therapy Association** and others are advocating for establishing standards and independent testing.

Halotherapy and the corresponding equipment is not governed by the FDA, and like most other wellness modalities and equipment, do not need to meet any requirements. Most halogenerators are certified for safety with a CE designation since there are no requirements in the US.

Ready to purchase your SALT Chamber SALT FX® Halogenerator?

Contact Information

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