



CLEARLIGHT® SAUNAS
AUSTRALIA & NEW ZEALAND

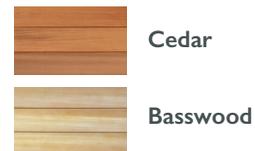
Two Attractive and Distinct Ranges to Rejuvenate Body & Soul

To satisfy discerning styles and performance preferences in the healthiest way possible, we offer our modern Sanctuary™ Full Spectrum Infrared models as well as our classically-crafted Premier™ models. Each infrared sauna is well-appointed with state-of-the-art functionality that encompasses ease-of-use, the safest components and circuitry, highest quality of wood, non-toxic materials, along with the finest craftsmanship with a furniture quality finish.

Sanctuary 3



Premier IS-3



Cedar

Basswood

Features	Sanctuary Full Spectrum	Premier Far Infrared
Low EMF/ELF	Yes	Yes
True Wave™ Far Infrared Heaters	Yes	Yes
Grade-A Clear Western Red Canadian Cedar	Yes	Yes
Grade-A Eco-certified Basswood	No	Yes
Never Fail™ Digital Key Pad	Yes	Yes
IOS/Android App Control with Reservation Mode	Yes	No
Bluetooth/MP3/AUX Smart Device Connectivity	Yes	Yes
High-Fidelity Nakamichi Speakers	Yes	Yes
Upgrade Ergonomic Backrest	Yes	Yes
Ceiling Vents	Yes	Yes
Lifetime Warranty – Residential	Yes	Yes
5-year Commercial Warranty	Yes	Yes
Modern Glass Roof	Yes	No
Classic Wood Roof	No	Yes
1000 Watt True Wave™ Full Spectrum Near/Mid/Far Infrared Heaters	Yes	No
300 Watt True Wave™ Mini Full Spectrum Near/Mid/Far Infrared Heaters	No	Upgrade
Medical Grade 96 LED Lights Chromotherapy with 12 Colour Sequence and Remote Control	Yes	Upgrade
Standard Chromotherapy with 15 LED lights and 7 Colour Sequence	No	Yes
Built-in Smart Device/Audio Charging Cabinet	Yes	No
56 cm Deep Reversible Ergonomic/Flat Bench	Yes	Yes

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Jacuzzi® infrared saunas provide the optimum in style, effectiveness, therapeutic benefit and customer service for the ultimate infrared sauna experience.



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The Numerous Health Benefits of Jacuzzi® Infrared Saunas

While we manufacture high quality sauna cabins, infrared therapy is our main focus. Infrared heat and light penetrates your skin and will warm your body directly. Infrared is all around us and provides numerous health benefits. It's so safe and therapeutic, it is used in hospitals to keep babies warm and used therapeutically for people with Lyme Disease, High Blood Pressure, Detoxification and Arthritis among many other conditions.



Infrared saunas also help with:

- ✓ Detoxification
- ✓ Stress and fatigue
- ✓ Muscle aches, stiffness and joint-relief
- ✓ Weight loss and increased metabolism
- ✓ Immune system boost
- ✓ Skin conditions
- ✓ Cellulite
- ✓ Heart health
- ✓ Diabetes support

Detoxification

Daily sauna sweating can help detoxify your body as it rids itself of accumulated toxic heavy metals. At low temperature, infrared will penetrate the body's fat cells to expel what has built-up over time. (Loose lead all the way to inorganic compounds.)

Stress and fatigue reduction

A few minutes in the gentle warmth of an infrared sauna will help you feel relaxed, rejuvenated and renewed. They also affect the autonomic nervous system putting you in the parasympathetic (rest and digest) state allowing your body to heal.

Muscle aches, stiffness and joint pain

Infrared heat can relieve inflammation, stiffness and soreness by increasing blood circulation to relax your muscles. It is also effective in the treatment of sprains, neuralgia, bursitis, muscle spasms, and many other muscular-skeletal ailments.

Weight loss and increased metabolism

The Journal of the American Medical Association has mentioned that regular use of a sauna imparts a similar boost on the cardiovascular system to running. As you relax in the gentle infrared heat, your body is hard at work producing sweat, pumping blood and burning calories. A 30-minute session can burn somewhere between 250 calories or more.

Immune system boost

The penetrating infrared wavelengths from our True Wave™ Far Infrared and Full spectrum heaters will raise your core body temperature, inducing an artificial fever. Fever is the body's natural mechanism to strengthen and

accelerate the immune response, as seen in the case of infection.

Skin conditions

The profuse sweating achieved after a few minutes in an infrared sauna removes embedded impurities and dead skin cells, leaving the skin glowing and clean. Increased circulation draws your skin's own natural nutrients to the surface.

Appearance of cellulite

Since the infrared radiant heat of a Jacuzzi® infrared sauna warms three times as deep as conventional saunas, it is significantly more effective at reducing cellulite. There is a direct link between the slowing of metabolic rates and the storage of toxins in fat cells.

Heart health

The Department of Family Practice at the University of British Columbia, found that infrared sauna therapy can help keep blood pressure normal, lower cholesterol levels, reduce chronic pain, and treat issues such as congestive heart failure. Note: <http://undergroundhealthreporter.com/infrared-saunas-improve-health/>

Diabetes Support

Much has been written about how infrared sauna therapy can aid and support those managing diabetes because it offers healing activities to help lower side effects. Working simultaneously, these activities include:

- Improved pain threshold
- Toxic elimination
- Improved circulation
- Internal organ cleanse

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Jacuzzi® infrared saunas are thoughtfully designed products to promote physical and emotional well-being for people with various health conditions.



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Innovative Engineering & High-Grade Materials Yield a Superior Product

From the wood press in our factory through the final stages of packaging, Jacuzzi® infrared saunas are beautifully crafted and built to last. We start with the highest-grade materials, and adhere to the highest standards of design, manufacturing and assembly. Each cabin is engineered proportionately with the right amount of eco-certified wood – either Grade “A” Clear Western Red Canadian Cedar or Grade “A” Basswood. We ensure that nothing goes to waste and reinforce each cabin structure with light-weight metal in the wood walls to add rigidity, rather than excess weight. Additionally, each sauna is rigorously tested and certified for product safety.

Stronger. Not Heavier.

Given today’s advancements in manufacturing, smaller amounts of material evenly distributed can yield stronger structures by applying smarter design processes.

Applied Engineering

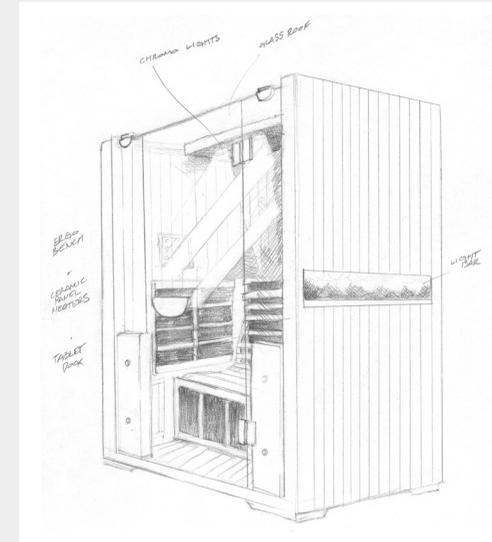
- ✓ Material measurements
- ✓ 3-D structural analysis
- ✓ Computer modelling to test loads and forces

Quality Construction

- ✓ Material selection
- ✓ Refined craftsmanship
- ✓ 4-stage quality control

Practical Benefits

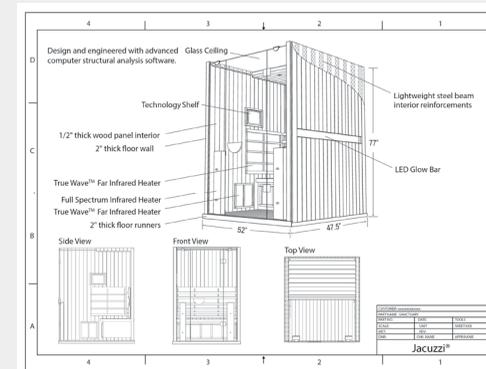
- ✓ Less environmental impact
- ✓ Cabins that are easier to lift and install
- ✓ Safer structure



Concept sketch



Actual Assembly - Clearlight Sanctuary 3



Architectural Rendering

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Our goal is always to deliver a beautifully designed sauna that is sturdy, functional, practical and meant to provide years of total satisfaction.



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Infrared Saunas Safety Certifications and Testing

All Jacuzzi® brand saunas are rigorously tested and certified for product safety. Your health is our number one concern.

Electrical and Hazardous Materials Safety



SAA Approvals is accredited by the Joint Accreditation Service of Australia and New Zealand (JAS-ANZ) as a third party certification body to issue Certificates of Approval for declared and non-declared electrical equipment that has proven to comply with the safety requirements of the applicable Australian and New Zealand Standard.

[View certificate](#)



The ETL service mark is verified and certified by Intertek, a third-party safety rating company. This mark assures the highest level of safety and compliance for all components and saunas.

[View certificate](#)



Compliance with the CE standard implementation starts during the design and manufacturing process and relies on the manufacturers themselves both in Australia and New Zealand.

[View certificate](#)



Our compliance with RoHS, (Restriction of Hazardous Substances) is verified by RoHS standards and certified by Intertek.

[View certificate](#)

VOC's

We have designed and built our saunas to be free of any harmful VOCs (Volatile Organic Compounds.) To verify this, we regularly utilise third party labs to perform rigorous VOC testing. Air samples are first tested in a clean room. The sauna is then set up and a second round of samples are taken. Next the sauna is programmed to heat up and run at maximum temperature for over two hours at which time another series of air samples are taken inside and outside of the sauna. All results are then compiled, compared and recorded. This way we know that no VOCs will be present during your sauna session.

[View certificate](#)

MSDS

The Material Safety Data Sheet (MSDS) confirms the ingredients used in our varnishes, glues and wood sealers contain no toxic or hazardous materials.

Glue

[View certificate](#)

Varnish

[View certificate](#)

Water-based Wood Coating

[View certificate](#)

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Our Safety Guarantee:
We guarantee that your Jacuzzi® infrared sauna will be safe and below any threshold of concern.



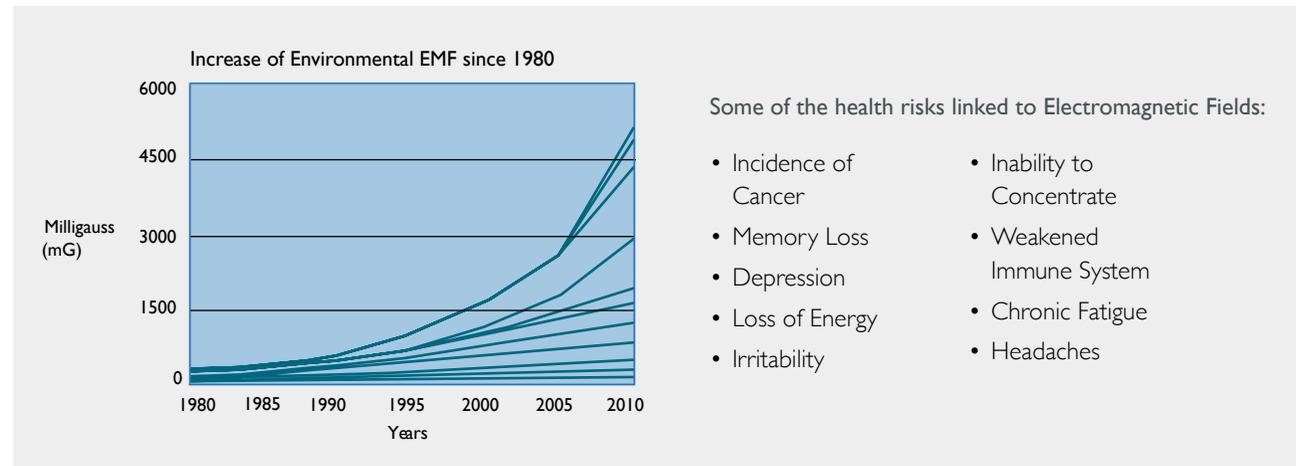
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Infrared Sauna Safety: Low EMF/Low ELF

As a trusted health and wellness company, your health is our top priority. That is why our True Wave™ infrared heaters are the safest and most effective on the market today. To prove it, Jacuzzi® infrared saunas are designed to be the only ones that cancel both EMF and ELF and have the best testing record in the industry.

What is EMF?

Electromagnetic Fields; EMF and ELF have been called “dirty electricity” and are the unintentional wavelengths produced by things like, computers, appliances, cell phones and electrical wiring. EMF/ELF has increased steadily over the past 50-100 years as our daily use of electronic and labor saving devices has skyrocketed. This has become a real public health concern.



EMF/ELF Extra Shielded Wiring = Electromagnetic Safety

True Wave™ infrared heaters are the most effective and safest infrared heaters available. We have developed our own patented technologies that cancel out both EMF (Electromagnetic Fields) and ELF (Extremely Low Frequencies). We guarantee that you will not experience any harmful wavelengths when you are in your sauna. EMF levels tested consistently show an average of less than 1mg and our ELF levels test 3-5 times below the threshold of concern set by the World Health Organization (WHO). Many of our competitors' saunas tested with levels 20 times or more above this same threshold of concern. Our proprietary True Wave™ heaters were the first low EMF carbon-based heaters in the market and revolutionised the entire infrared sauna industry.

Patented Technology Keeps Our Saunas Safe

We manufacture our saunas with advanced heater systems to keep you and your family safe. We go to extra lengths such as shielding our heater wiring in metal conduit and twisting the wires inside the conduit to reduce the EMF levels even further. Lastly, we shield all electrical components to help block the EMF/ELF and ground the heater to further eliminate any stray electrical wavelengths at their source.

Low EMF (Electromagnetic Field) [View EMF certificate](#)

Our exclusive manufacturing process and patented far infrared heater technologies reduces EMF levels to virtually zero where you are sitting ensuring the highest level of safety. This has been confirmed by third party testing. When EMF levels are measured in the seating area inside a Jacuzzi® infrared sauna, EMF levels are virtually undetectable. Measurements have been verified by VitaTech Electromagnetics.

Low ELF (Extremely Low Frequency)

Extremely low frequency (ELF) is easily detected standing near any utility power line. You can also be exposed when operating electrical appliances. When testing our low ELF technology, our saunas measured at 200 mV – five times below the threshold of concern, as opposed to many competitor models, where ELF levels were found to exceed 20,000 mV – 20 times above the threshold of concern. When we test our saunas without an actual person inside, our ELF metrics are equally impressive. The Threshold of Concern is 10 Volts/Meter (V/m). Jacuzzi® Infrared Saunas averaged 3.4V/m, whereas our competitors saunas measured 300+ V/m.

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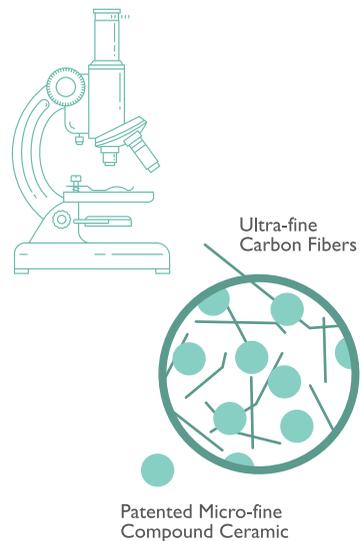
Your Jacuzzi® infrared sauna will have EMF and ELF levels below the threshold of concern where you are sitting in your sauna. We have designed our saunas to be as safe as possible.



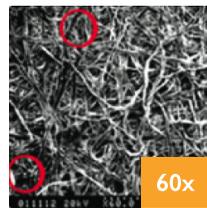
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True Wave™ Far Infrared Heaters Surround You In Wellness

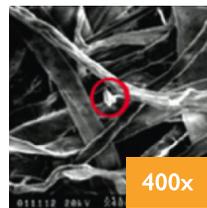
All Jacuzzi® models utilise our True Wave™ combination Carbon-Ceramic far infrared heaters, which emit the highest output of healing infrared heat available.



- 1) Our heaters are comprised of micro-thin carbon fibers (1/1000th the thickness of a human hair) combined with our patented ceramic compound.
- 2) We start with patented micro-fine highly emissive carbon fibers.
- 3) The carbon fibers produce long-wave infrared heat which penetrates deep in to the soft tissue of the body.
- 4) The micro-fine ceramic particles increase the emissivity of the infrared wavelength to boost output so you receive more high quality infrared during your session.

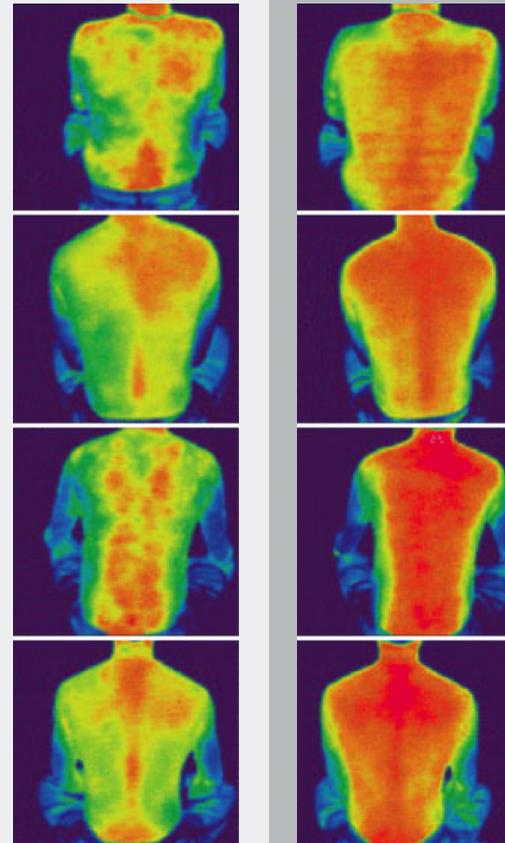


Ultra-fine Carbon Fibers (1/1000th of a hair)



Patented Micro-Fine Compound Ceramic

Core Body Temp Comparison



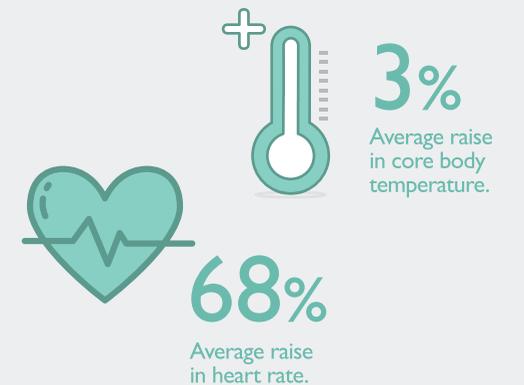
Other Infrared Heaters

Our True Wave™ heaters heat your body evenly. The total coverage of your body core is the key to effective infrared therapy.

The First Combination Carbon/Ceramic Heaters with virtually no-EMF



30-minute sauna session results:



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We have spent the last 20 years researching how infrared heals the body. We are pleased to offer the safest and most effective infrared heater system offered today.

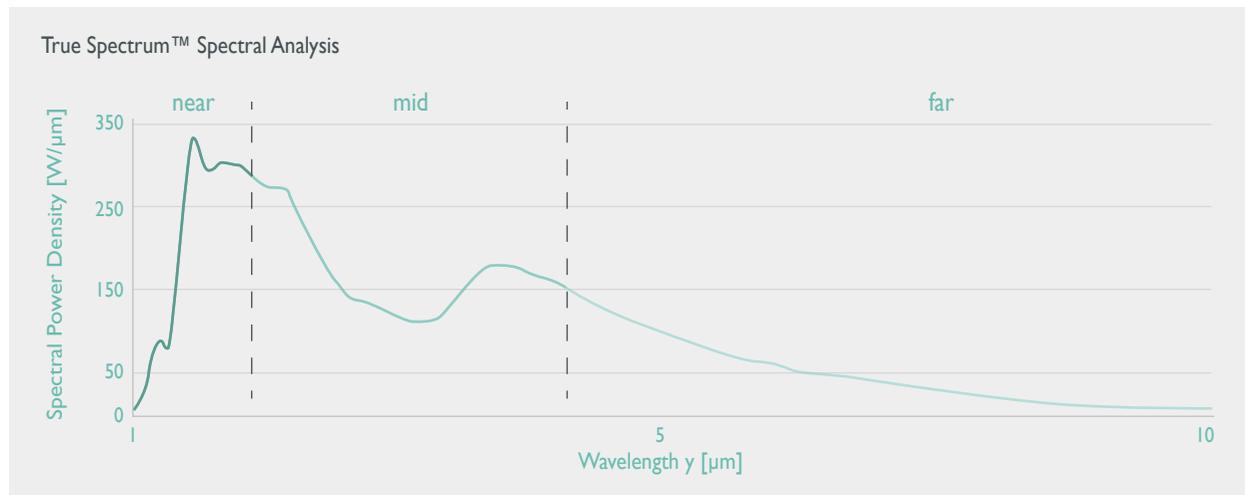


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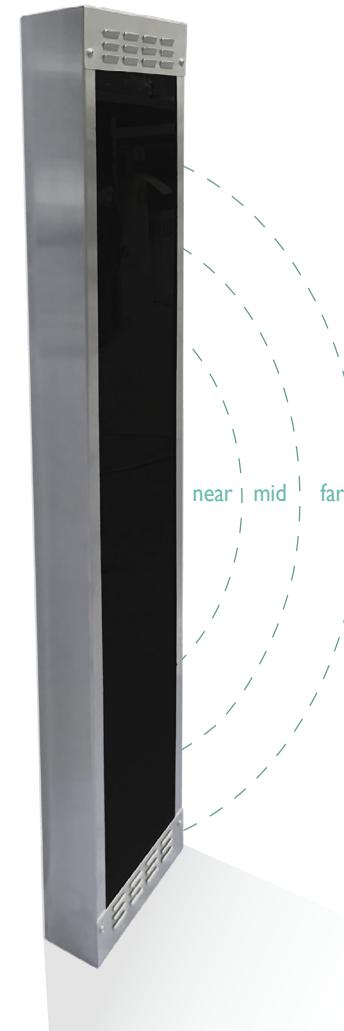
Our True Wave™ Full Spectrum Infrared Heaters are Healthy to the Core

All Sanctuary™ Sauna models include our True Wave™ Full Spectrum infrared heaters. These heaters are high output infrared heaters producing near, mid and far infrared. Every Sanctuary™ Sauna model has 1,000 watts of full spectrum infrared. That's 25 times the power of our closest competitor.

Upgrade Option: Upgrade your Premier Sauna to our 300 Watt Mini True Wave™ Full Spectrum Infrared Heater – speak to your consultant about our upgrade packages.



Measuring Front emission with reflector. Total power consumption 500W Percentage of radiation from the front emitter = 98.6%



True Wave™ Full Spectrum heaters are high output producing near, mid and far infrared.

Our Clearlight True Wave™ Full Spectrum heaters emit about 1/3 near infrared, 1/3 mid infrared and 1/3 far infrared. The following are some of the benefits of full spectrum infrared therapy:

Near Infrared

The shortest wavelength, and will be absorbed just below the surface of the skin creating a sweat that promotes healing and revitalisation.

Mid Infrared

A longer wavelength that can penetrate deeper into the body's soft tissue increasing circulation, releasing oxygen to reach injured areas.

Far Infrared

The longest wavelength which penetrates the fat cells causing vasodilation, where the fat cells vibrate to expel toxins, resulting in the greatest levels of detoxification and stimulate your metabolism to aid in weight-loss.



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The enhancements you receive by incorporating Near, Mid and Far infrared wavelengths maximize the health benefits you receive inside a Jacuzzi® infrared sauna.



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Clearlight Heater Test: Emissivity and Absorption

Emissivity:

the measure of an object's ability to emit infrared energy.

Emissivity Test Results:

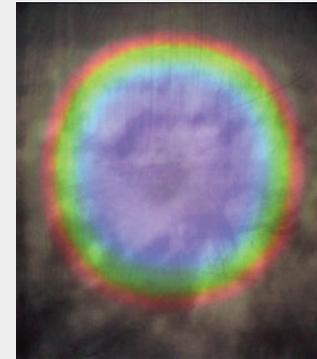


*** Please note:** Emissivity is only one measure of a heater's effectiveness. To get positive results, we must also determine the ability of the infrared energy to travel through the air and then be absorbed by the body. This is the true measure of the heater's effectiveness.

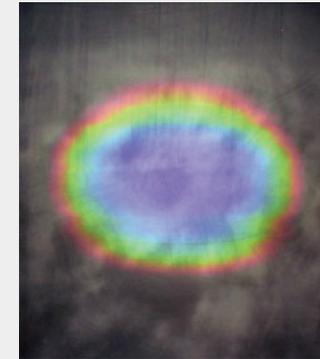
Energy Absorption:

The measure of infrared penetration and retention in the human body. Clinical studies show that the addition of our proprietary ceramic powder in our True Wave II heaters substantially increases emissivity, waveform stability and heat absorption (see pictures below).

Absorption Test results: I & I EPOS 2011



True Wave II Carbon/Ceramic
99% Absorption



Plain Ceramic Heater
67% Absorption



Plain Carbon Heater
73% Absorption

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Clearlight True Wave™ far infrared heaters produce greater levels of far infrared at optimal wavelengths, produce less convection heat than Element Type heaters, and operate at a lower air temperature for greater effectiveness and comfort.



CLEARLIGHT® SAUNAS
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Two Types of Chromotherapy, Wide-Array of Health Benefits

Chromotherapy is the science of using wavelengths of colour light to affect your body and mind for improved health and happiness. Our Premier™ Saunas include our Standard Chromotherapy with 15 LED Lights with the option to upgrade to our Medical Grade Chromotherapy. Our Sanctuary™ Saunas include our Medical Grade Chromotherapy lighting with 96 LED Lights.

Beautiful effect. Positive effect.

With either standard or medical grade Chromotherapy, you can set an individual colour or select “Auto” mode and it will automatically switch between the various colour every 25 seconds.

Standard – Premier

We use 15 LED lights in an array of 6 colours – green, red, blue, yellow, turquoise and violet. Each different colour can have a positive effect on your mind and body. Our Standard Chromotherapy offers average intensity and provides a more modest therapeutic effect. It can help you relax so your body can heal and rejuvenate.

Medical Grade – Sanctuary

Medical Grade Chromotherapy is very powerful using 96 LED lights with an array of 12 colours – red, strong green, strong blue, orange, green, blue, strong yellow, strong indigo, strong pink, yellow, indigo and violet. Due to the high output of this unit, we added a remote dimmer switch.

Upgrade Option

Upgrade your Premier Sauna to Medical Grade Chromotherapy – speak to your consultant about our upgrade packages.



Health Benefits

- ✓ Detoxification
- ✓ Reduced Inflammation
- ✓ Pain relief
- ✓ Wound healing
- ✓ Increased range of motion
- ✓ Increased flexibility
- ✓ Improved circulation
- ✓ Treating Seasonal Affective Disorder (SAD)
- ✓ Improved sleep patterns
- ✓ Stress reduction



Cosmetic Benefits

- ✓ Healthier Skin
- ✓ Anti-aging
- ✓ Age spots
- ✓ Acne and scar reduction
- ✓ Wrinkle reduction of crow's feet
- ✓ Stimulates collagen and elastin
- ✓ Decreased hair loss
- ✓ Improved varicose veins

Supporting Chromotherapy Studies:

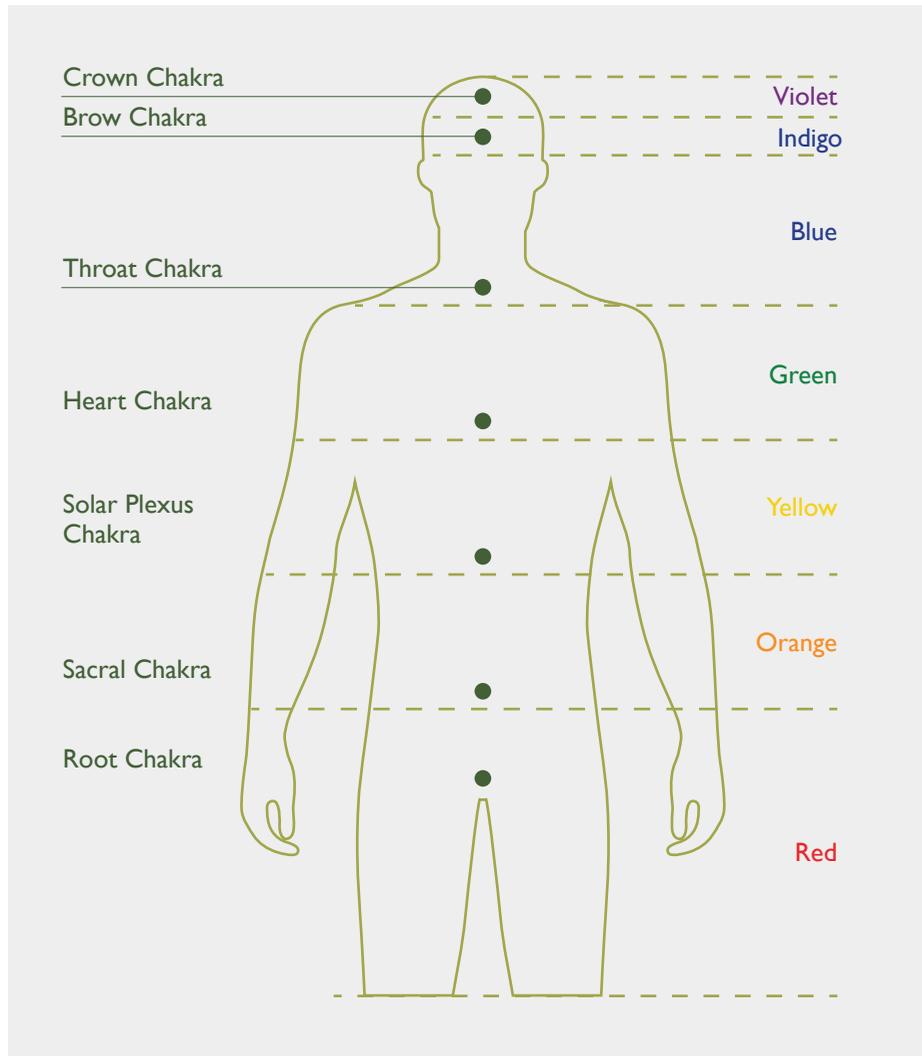
A Critical Analysis of Chromotherapy and Its Scientific Evolution.
www.ncbi.nlm.nih.gov/pmc/articles/PMC1297510/

Chromotherapy in the regulation of neurohormonal balance in human brain--complementary application in modern psychiatric treatment.
www.ncbi.nlm.nih.gov/pubmed/19138024

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Jacuzzi® infrared saunas come with two Chromotherapy options for our Premier and Sanctuary models. They are the ultimate compliment to an already rejuvenating infrared sauna experience.



Violet

Violet is the last colour we can see before light passes-on to ultra-violet. This colour is an excellent remedy for neurosis, diseases of the scalp, sciatica, tumors, rheumatism, cerebral meningitis, concussion, cramps and epilepsy. Violet animates and cleans the venous blood. It is generally not used for physical conditions; however, some colour experts believe that it does provide nourishment to the cells in the upper brains. Violet purifies our thoughts and feelings giving us inspiration in all undertakings. The violet energy connects us to our spiritual self, bringing guidance, wisdom and inner strength, and enhances artistic talent and creativity. Leonardo da Vinci proclaimed that you can increase the power of meditation ten-fold by meditating under gentle rays of violet, as found in church windows.

Blue

Blue on the other hand is at the opposite end of the visible spectrum. Blue can be used for any types of ailments associated with speech, communication, or the throat. This is a mentally relaxing colour. Blue has a pacifying effect on the nervous system encouraging great relaxation. It is ideal for sleep problems. Blue light connects us to holistic thought, and gives us wisdom and clarity enhancing communication and speech. Relaxing, soothing blue rays bring a great calm and peace of mind that is worried, or in an excited nervous state. It is a very positive colour; indicating loyalty and reliability, as expressed in the sentiment of being "true blue."

Green

Green is the universal healing colour. Green is midway in the colour spectrum. It contains both a physical nature and a spiritual nature in equal balance and in equal harmony. This Green can be used for just about any condition in need of healing. When in doubt, green will always work. It can help relax muscles, nerves and thoughts. Green cleanses and balances our energy to give a feeling of renewal, peace and harmony. Used primarily for balancing our whole being, it is neither relaxing nor astringent in its impact. In a more practical sense, green affects blood pressure and all conditions of the heart. Having both an energising effect, moderating or soothing effect. Green can help heal many illnesses of this nature, specifically including heart troubles, decreasing and stabilising blood pressure, ulcers, cancer, headaches, nervous disorders and influenza, and acts as a general tonic.

Yellow

Yellow helps awaken mental inspiration arousing higher mentality. Thus, it is an excellent colour for nervous or nerve-related conditions or ailments fueling the solar plexus. Yellow has a very enriching effect upon the intellect. Yellow can be used for conditions of the stomach, liver and intestines. It can help the pores of the skin by repairing scarred tissue. These rays have an alkalisising effect which strengthens the nerves. Awakening, inspiring and vitally stimulating the higher mind promoting self-control. Typical diseases treated by yellow are constipation, gas, liver troubles, diabetes, eczema and nervous exhaustion. Providing clarity of thought, increasing awareness, stimulating interest and curiosity, yellow energy is related to the ability to perceive or understand. The yellow energy connects us to our mental self.

Orange

Orange has a freeing action upon the mind, relieving repression. Because orange is a blend of red and yellow, it combines physical energy with mental wisdom, including a transformation between low physical reaction and higher mental response. Thus, it is often referred to as "The Wisdom Ray." Orange is warm, cheering, and non-cheering, and non-constricting. Through orange, we're able to heal the physical body (red), and at the same time, induce within the mind (yellow) greater understanding. Orange helps assimilate new ideas. Orange is the best emotional stimulant, helping to remove inhibitions paving independent social behavior, such as bringing joy to your workday and strengthen your appetite for life. Orange aids in repairing inflammation of the kidneys, gallstones, menstrual cramps, epilepsy, wet cough and all sinus conditions.

Red

Red is called "The Great Energizer." It loosens, releases stiffness and constrictions. Red is the first visible colour we see after the infrared band is passed. It promotes cellular growth, stimulating the "will" aspect, or the circulatory system. It is therefore indicated for all colds, sluggish or dormant conditions, such as pneumonia, arthritis, anemia, as a liver stimulant, an energy builder, and for increasing circulation. Red links with and stimulates the base of the spine, causing the adrenal glands to release adrenalin. This results in greater strength. Red causes hemoglobin to multiply, thus increasing energy which raises body temperature conditions as it stimulates sensory nerves such as hearing, taste, smell, and activates metabolism. It is excellent for anemia or blood-related conditions.

Healing with Colour

Colour is light split into different wavelengths vibrating at different speeds and at different frequencies. Objects that absorb all wavelengths and do not reflect are black in nature. Objects that reflect all wavelengths and do reflect are white in nature. Between black and white lies colour. Colour are wavelengths of energy that appear because of the potential and capabilities of the object to either absorb or reflect energy.