



CLEARLIGHT® SAUNAS
AUSTRALIA & NEW ZEALAND

PREMIER **IS-1**

DUAL DIGITAL CONTROLS

Control temperature, time, chromotherapy and reading lights inside or outside your sauna with dual redundant controls.

ELEGANT DETAILS

Beautiful tongue and groove wood and attention to detail set our furniture quality sauna cabins apart.

LOW EMF/ LOW ELF

The safest and most effective saunas available with Ultra Low EMF / Low ELF technology.

BEAUTIFUL ACCENT LIGHTS

Energy efficient LED lights highlight the beauty of your sauna while providing gentle ambient lighting.

THERAPEUTIC INFRARED HEATERS

Our exclusive True Wave™ hybrid Carbon & Ceramic low EMF far infrared heaters surround you in healing infrared heat.

DOCTOR DESIGNED ERGONOMIC BENCH

Relax in comfort in your sauna with our reversible bench. The extra deep bench is ergonomic on one side and flat on the other for maximum comfort. You can flip the bench at any time.

ENHANCED AUDIO SOUND SYSTEM



Bluetooth and AUX inputs make it easy to connect and listen to your audio devices.

BEAUTIFUL WOODEN LIGHT SHADE



Your sauna sessions are enhanced with the relaxing inside light for that true sauna feel.

BUILT-IN ERGONOMIC BACKREST



Relax close to the soothing infrared heat against the Chiropractor designed built-in ergonomic backrest.

EXCLUSIVE UNDER FLOOR FOOT HEATER



Only Clearlight Premier Saunas include a heater underneath the wood floor to enhance your sauna session.

SPECIFICATIONS

Construction

Eco Certified Grade "A"
Clear Western Red Canadian Cedar
6 mm safety glass
Weight: 147 kg

Exterior

Width: 102 cm
Depth: 112 cm
Height: 193 cm

Interior

Width: 89 cm
Depth: 102 cm
Height: 180 cm
Bench: 84 cm x 56 cm

Far Infrared Heaters

True Wave™
Carbon & Ceramic
Low EMF/ELF Heaters

Electrical

Power: 240V / 1,410W / 7A
Power outlet: Standard
FS mini heater upgrade:
Standard outlet

Warranty

Residential
- Lifetime Warranty
Commercial
- 5yr Warranty

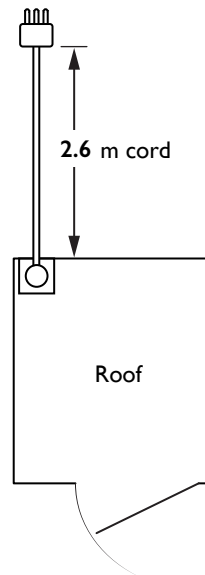
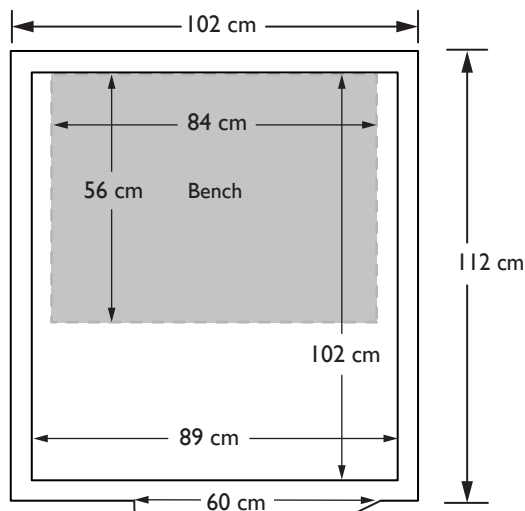
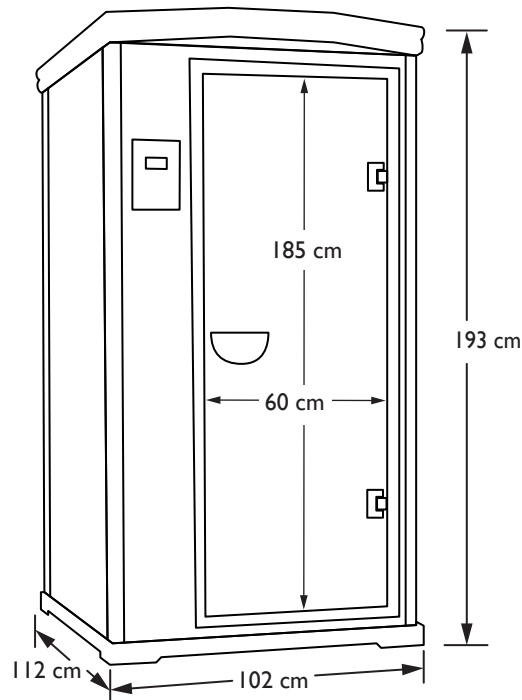
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Clearlight® Australia & New Zealand – distributors of Jacuzzi® Infrared Saunas.



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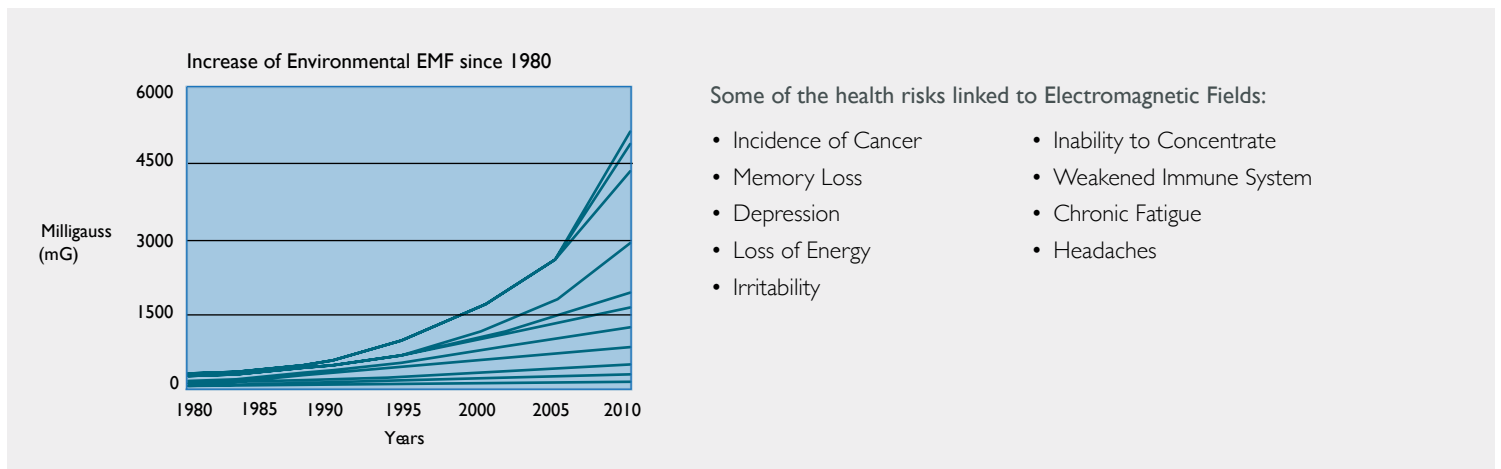


Infrared Sauna Safety: Low EMF / Low ELF

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)

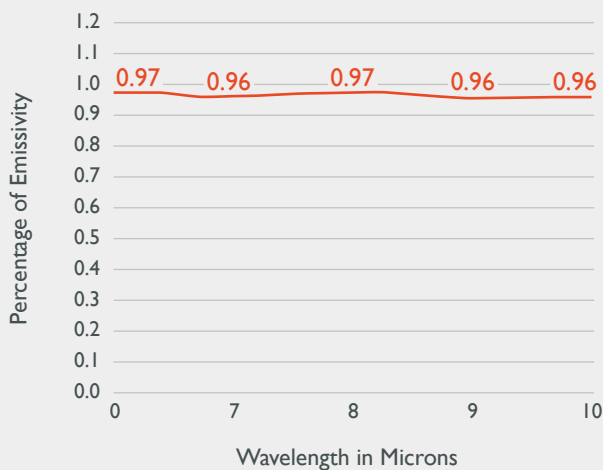
Extremely low frequency (ELF) is easily detected standing near any utility power line. You can also be exposed when operating electrical appliances. When testing our low ELF technology, our saunas measured at 200 mV – five times below the threshold of concern, as opposed to many competitor models, where 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 3.4 V/m, whereas our competitors saunas measured 300+ V/m.



Clearlight Heater Test: Emissivity and Absorption

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

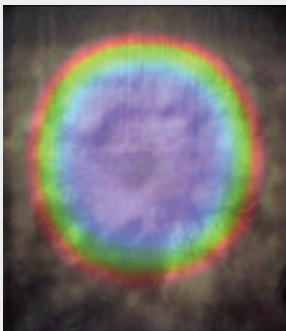
Emissivity Test Results:



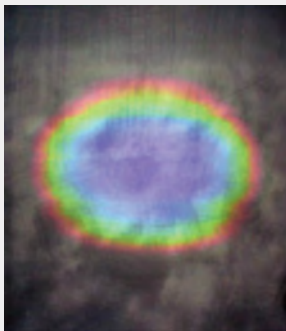
* **Please note:** Emissivity is only one measure of a heater's effectiveness. To get positive results, we must also determine the ability of the infrared energy to travel through the air and then be absorbed by the body. This is the true measure of the heater's effectiveness.

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



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 of 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.

SAA - Australia NZ electrical certification

[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.

ETL certification

[View certificate](#)



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

CE

[View certificate](#)



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

RoHS

[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.

VOC's

[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.

MSDS Glue

[View certificate](#)

MSDS Varnish

[View certificate](#)

MSDS Water-based Wood Coating

[View certificate](#)

Our Safety Guarantee:

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