

Carbon PureTech Ultra Low EMF Heat Emitter

An Electromagnetic Field is a physical field produced by electrically charged objects. It is one of the fundamental forces of nature. The field can be viewed as the combination of an electric field and a magnetic field. The electric field is produced by stationary charges and the magnetic field by moving charges referred to as currents. Although all of our sauna products have been developed to have low EMF, several of our GDI model saunas use our advance Carbon PureTech Ultra Low EMF technology (patent pending) which significantly reduces the amount of EMF exposure resulting in ultra-low EMF or less than 3 milligauss (mG).

The manufacturer of our GDI model saunas is also the creator of the technology behind the Carbon PureTech Ultra Low EMF Heat Emitter which eliminates electromagnetic waves. A typical carbon heating panel takes electric energy and transforms it into heat. In doing so, EMF is produced. The critical manufacturing process of our Carbon PureTech Ultra Low EMF Heat Emitter incorporates a method that extensively reduces the amount of EMF given off. Simply put, as the magnetic field passes through the carbon heat emitter, it is greatly neutralized resulting in ultra-low EMF being generated. And because the Carbon PureTech Ultra Low EMF Heat Emitter is manufacturer in-house by the manufacturer of the sauna room, each sauna room is pre-assembled and thoroughly inspected/tested by a superior Quality Control Team before the product is packaged and shipped. The depth of some of the testing methods by the manufacturer is outlined below:

Test 1 (Routine Test) = Testing of the resistance, power, and voltage function of each heating panel to be within strategic guidelines

Test 2 (Electromagnetic Radiation Test) = Electromagnetic Radiation Testing is conducted to survey measurements at 5cm-10cm away from the heating panel to signify the electromagnetic radiation intensity being of less than 3 milligauss

Test 3 (Temperature Test) = Temperature Testing consists of the time which the surface temperature of the heating panel rises to a stable temperature measured by a rated voltage multichannel temperature tester

Test 4 (Burn-in test) = Heating panels are tested to have no abnormalities and ran continuously for 240 hours after the voltage is lifted to 1.3 times that of the rated voltage

With the Carbon PureTech Ultra Low EMF Heat Emitter, you have a revolutionary sauna product that promotes benefits for the human body through the production of soft therapeutic radiant heat with numerous healing effects.