



Satrap Sanat Qeshm Co.Ltd
Registration NO. : 6022

Heating Sheet System

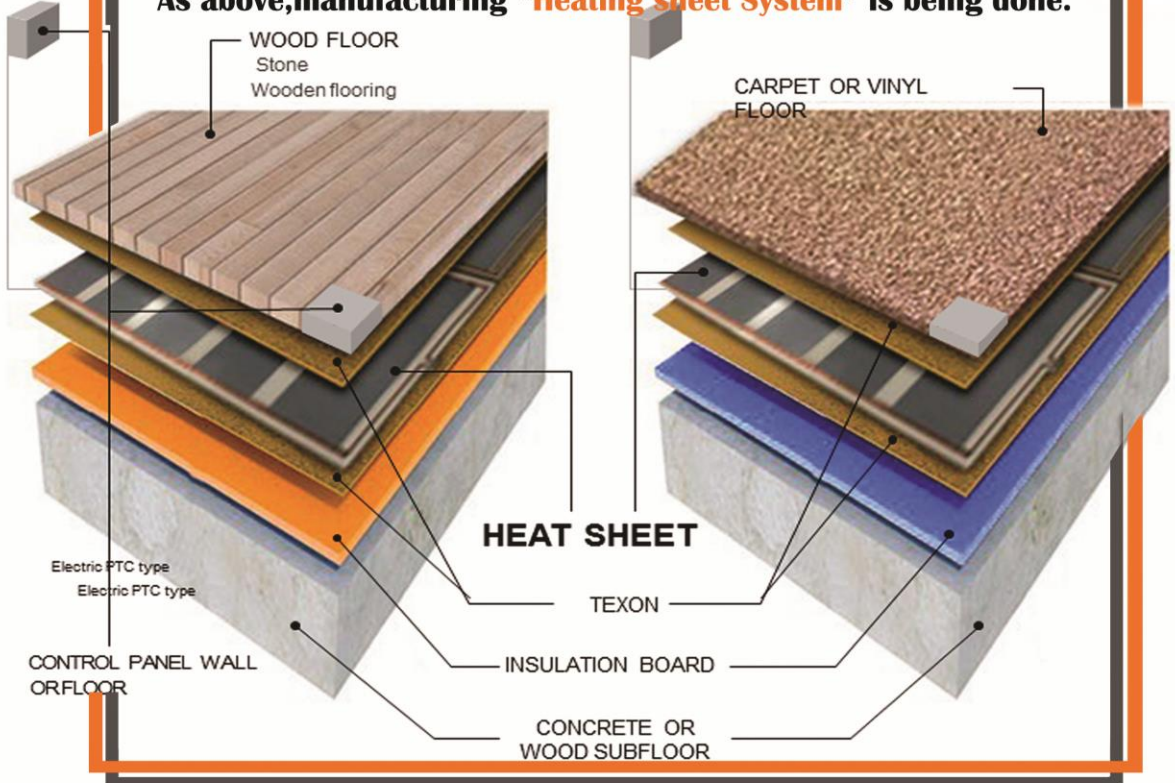


クギ打ち禁止!!



Cooperation between Iran and Japan Satrap Sanat Qeshm was established, with the Joint venture of an Iranian Company and a Company from Japan in Qeshm Island. The implementation of Japanese Technology along with Iranian effort guarantee a brilliant future for this cooperation.

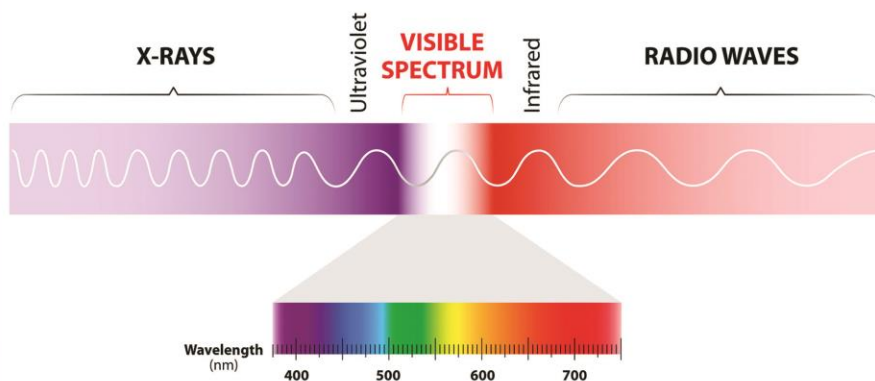
As above, manufacturing "Heating sheet System" is being done.



Every human experiences heat from infrared radiation of sun. The heat of sunlight irradiating radiation, fire and other things is infrared.

The infrared helps in, muscle building, improvement of “the lymph gland”, stimulating the cells from the damaging cells of the bacteria, boosts and improves the safety system and is also known as a possible way of treating cancer.

VISIBLE AND INVISIBLE LIGHT



By providing optimal heat in human body during sleep, the Parasympathetic nervous system, is activated and with relaxation creation, better quality of sleep is caused. FIR treatments can be performed over an extended period of time surrounded by bone tissue and is effective for areas. It helps reduce joint pains caused by poor circulation and promotes bodies “self-healing” functions for patients with chronic rheumatoid arthritis.

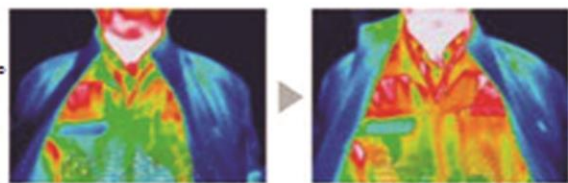
Temperature change

Using snow suit for 15 minutes at -5 °

Temperatrue



3



Material Characteristics

A high performance material made of conductive Carbon fiber processed into sheets using mixed paper technology. Its characteristics include:

- Low electrical resistivity, high conductivity with a sheet resistivity of ($8\Omega \sim 32\Omega$).
- (0.1)mm, thin and highly workable.
- High FIR emissivity, high radio wave absorption, high radiancy.

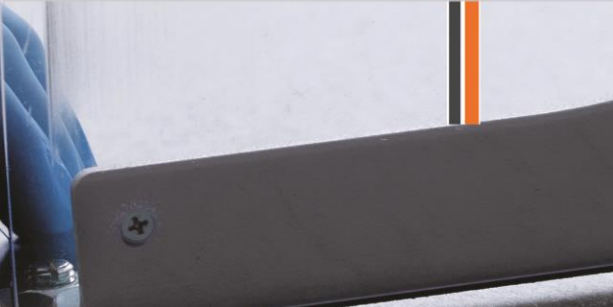
A sheet that with nearly constant electrical properties by uniformly dispersing and distributing carbon fiber, that is originally hydrophobic and has a higher specific gravity than pulp fiber, the pulp made of long-fiber.

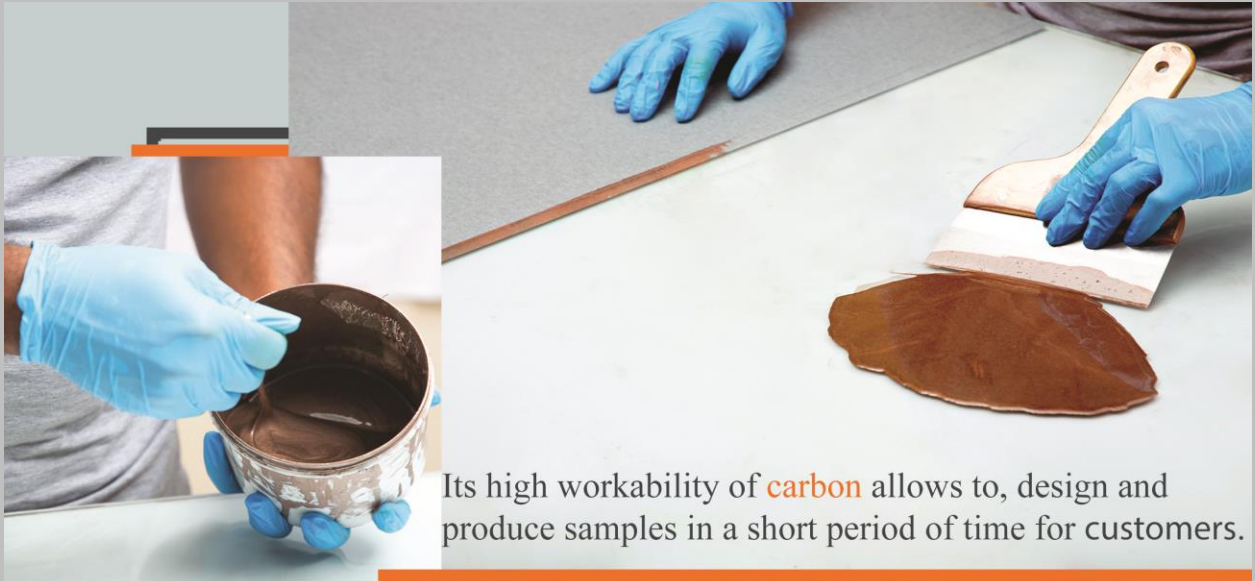
The characteristic of paper CJP making technology





Unlike metallic or PTC type heating sheet elements, there are **no changes** in electrical resistance or occurrences of rush , currents from temperature changes and **no degradation** over time from creeping either.

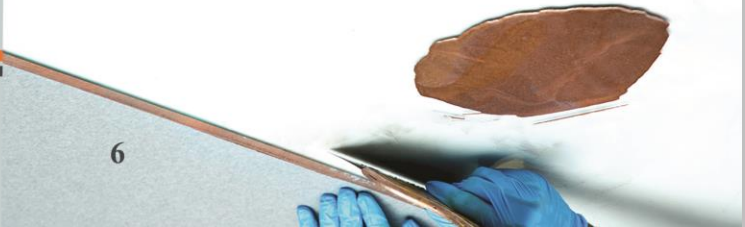


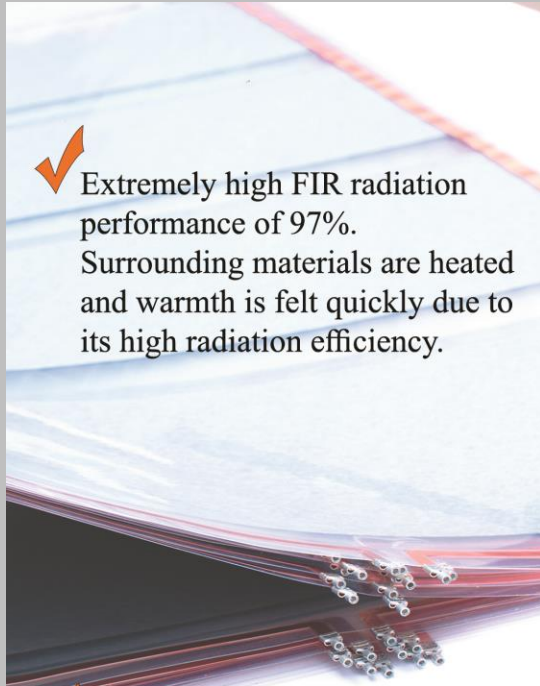


Its high workability of **carbon** allows to, design and produce samples in a short period of time for customers.



The basic of the carbon paper is made in Japan and “ Washi paper” is used in.





✓ Extremely high FIR radiation performance of 97%. Surrounding materials are heated and warmth is felt quickly due to its high radiation efficiency.

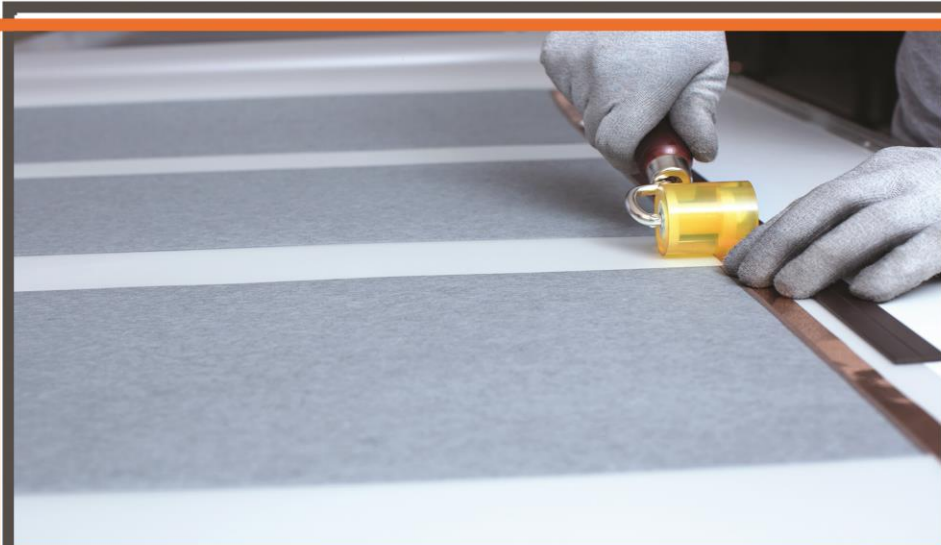


✓ The operative temperature effect is extremely high due to numerous emitted inside a room.

✓ High thermal energy by contacting, conducts Heat to floor materials very quick. heating effects can be felt roughly within (3-15)minutes depending on the type of installation.

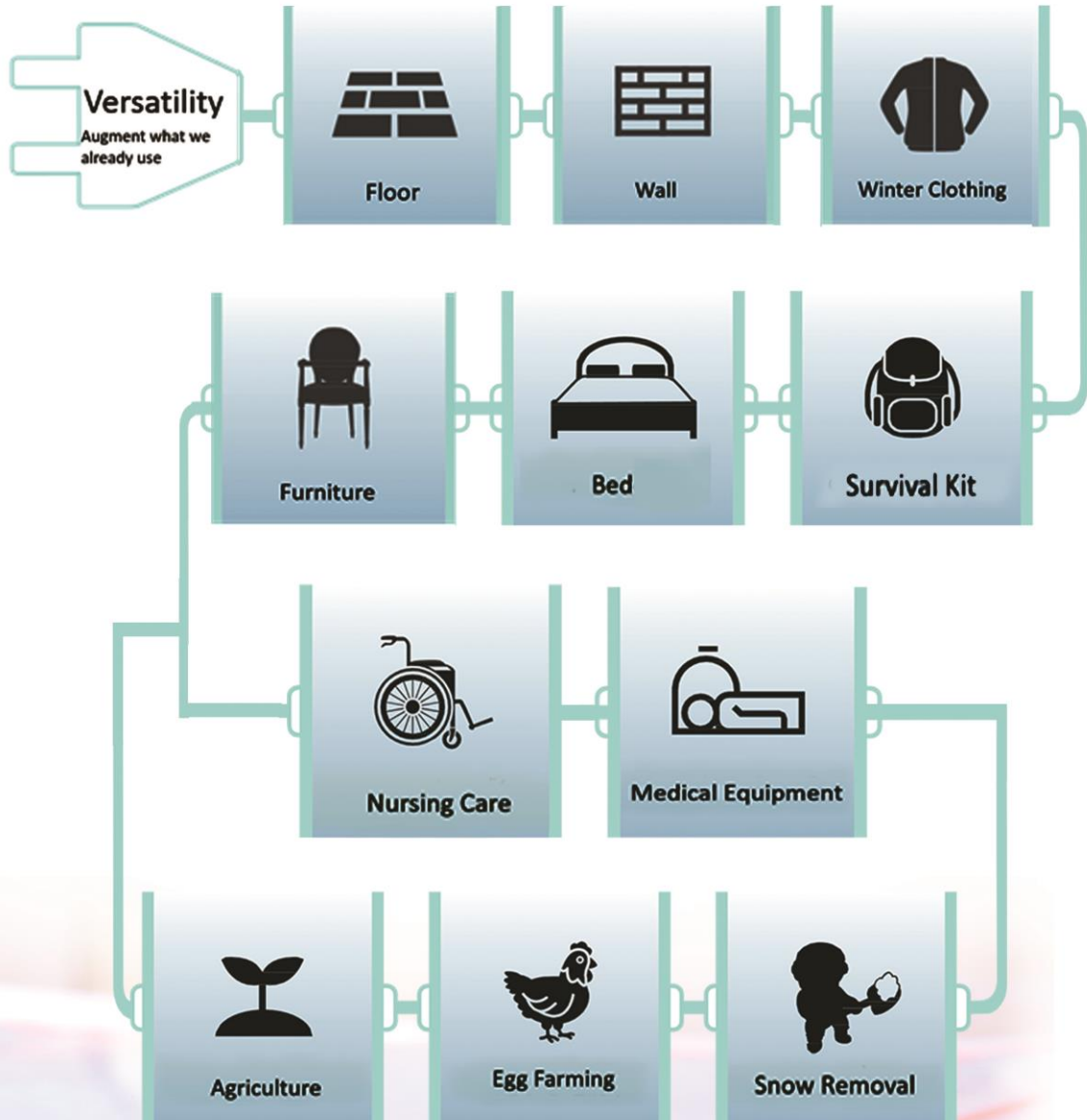


✓ Heating system energy of sheet, is safe and helps to improve blood circulation, and increase oxygen levels. so it causes to cure metabolism.



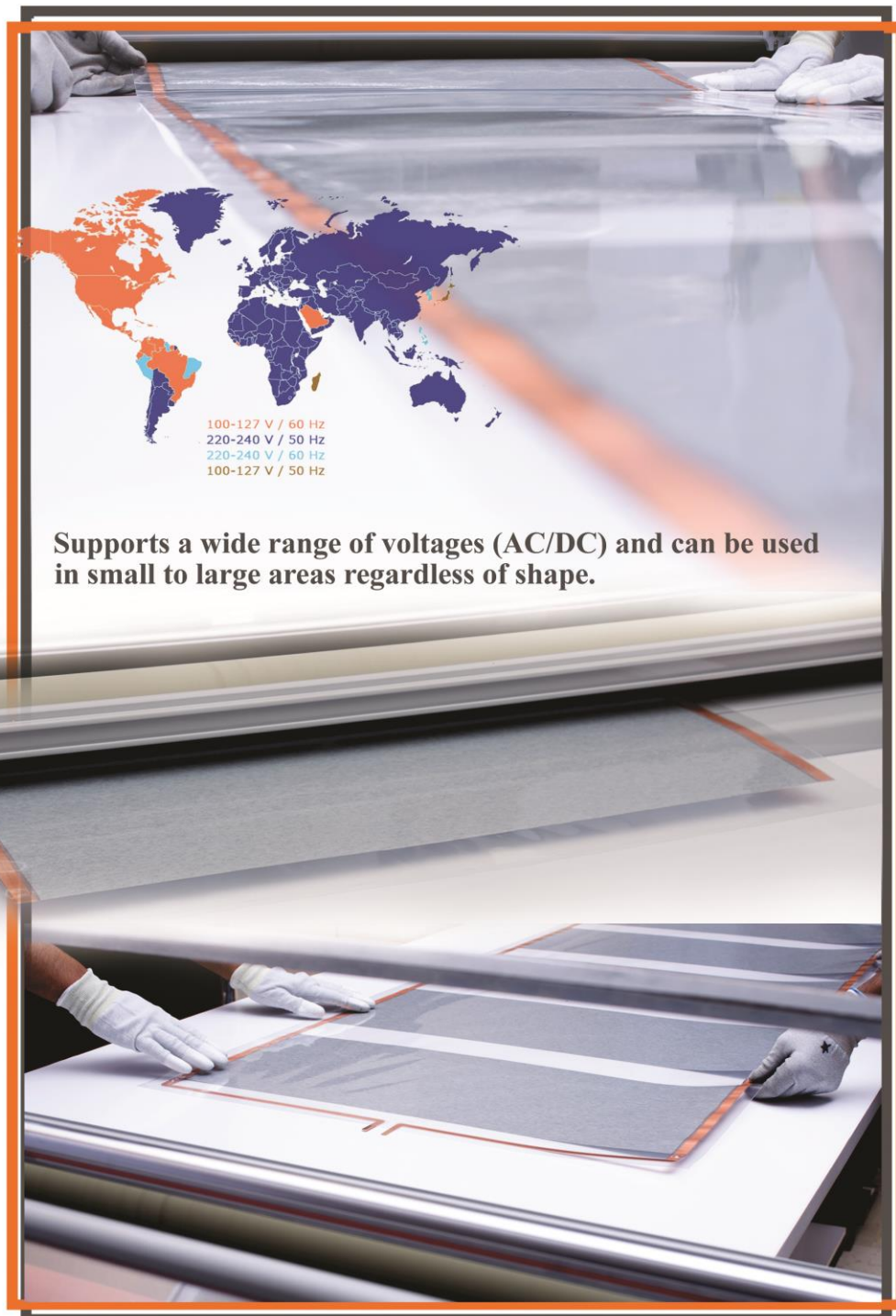
- High flexibility of design and rapid design-to-product. Specification changes are easy for us and handle high mix, low volume production.
- Carbon Japanese Paper (CJP) is (0.1)mm, thin. heating sheet System will only be (0.4) mm thick.
- Also, handle high mix, low volume production. Specification changes are easy.





Advantages of the floor heating system

- light weight
- No space occupation
- Comfort and security
- Safe and there is health benefits
- More than 100,000 hours garanty
- Power consumption by 40%
- Energy saving and economical paper heating system



Supports a wide range of voltages (AC/DC) and can be used in small to large areas regardless of shape.



Various usage of Heating Sheet



Mouse Pad Warmer



Floor Heating



Wall Heating



Snow Proof Roof



Raising Seedling Heater for Melon



Raising Seedling Heater for Greenhouse



Raising Seedling Mat



Wood Dryer



Snow Suit



Various usage of Heating Sheet



Street Heating



Stove



Floor Heating



Ceramic Tile Sauna



Road Heating



Snow Proof Roof



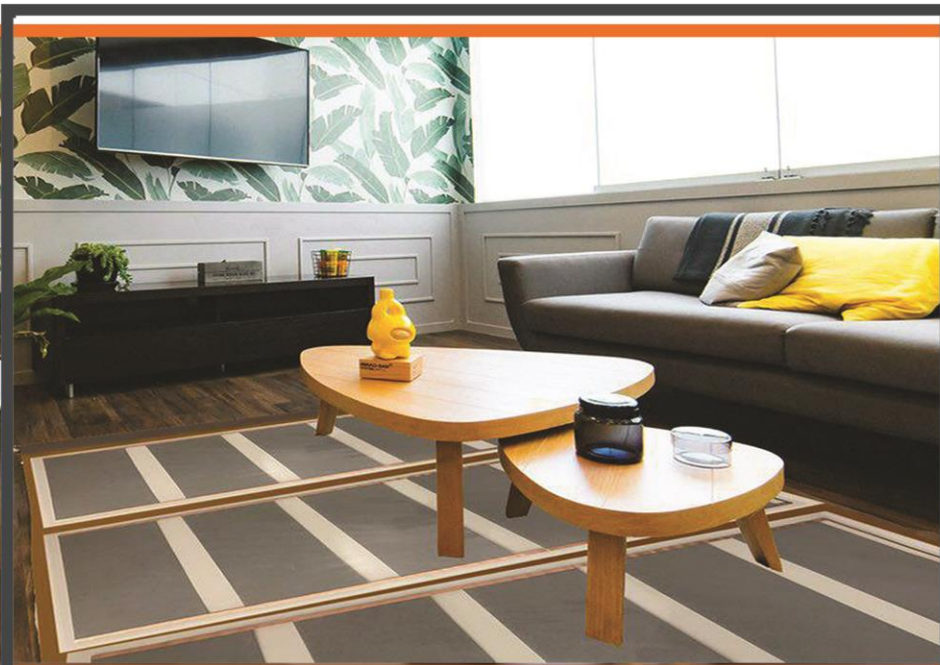
Ridge Heater



Disaster Prevention Mat



Operating Table Heater



Radiators occupy the useful space of buildings. Another problem of using radiators is turning black of walls, curtains and ceilings.

By using floor heating system, using whole space of building is available and the appliances can be set easily.



➤ Advantages of using **carbon heating system** in greenhouse

- Providing suitable warmth down and roots of plants.
- Omitting water from heating system.
- Omitting heating canals.
- Decreasing huge amount of heat cloud under the floor.
- Decreasing huge amount of fuel consumption.
- Decreasing maintenance expenses.
- Not occupying useful space.



WWW.SSQ.Co.ir

Info@SSQ.Co.ir



Corner of southeast side of 1st junction,
Shamse Tabrizi St. ,Toola Industrial Town,
Qeshm Island, Iran,Postal code:7956154631
Tel:+98-21-22661091(Tehran)
Fax:+98-21-22661098

