

FAR INFRARED HEATING

When simply keeping you
warm is not enough.

*"Innovation is seeing
what everyone has seen,
and thinking what
nobody thought"*



Brochure.

2019

WELCOME

Shenzhen Yandiya Technology Limited business performance is going from strength to strength. Thanks to dramatic growth from our international operation, the Yandiya Group achieved significant gains in market share for infrared heating panels in the last two years with the formation of new partnerships and distribution outlets. We also expect to achieve record operating turnover and expansion with our global operations, over the coming next 2 years.

The strong business performance stems from our customers "high regards for the Yandiya brand worldwide. As the forefront driver of the benefits of the unique infrared heating concept, Yandiya offer heating at a very high-quality which improves daily living and reduces the carbon footprint left behind by traditional heating systems, whilst improving the knowledge base and helping our partners and distributors establish their own individuality. Shenzhen Yandiya Technology are winning more and more clients around the globe, who are attracted by the brand's high quality and performance, attractive designs, reasonable prices, and rich range of material used as well as the diverse product range. In today's world of fast-moving globalisation and digitalisation, people, thing and information flow freely, unfettered by traditional frameworks such as nations, industries or corporations. Companies are entering a new era of information-centric operations and global competition. In these changing times Shenzhen Yandiya Technology has thought long and hard about what type of company we want to be, and what we must do to emerge a victor on this new competitive plane. We decided to create a new information-driven industrial global network of professionals to enhance the standard operation and growth awareness of the Yandiya Brand of infrared heaters.

We launched the Yandiya Group with the express intention of creating a global network. One year on from the full launch, we are not only transforming our entire corporate processes, but are seeking to change the very way which our potential clients are informed of the superior quality and performance of Yandiya's infrared heating solution. We have created an extremely successful new network that enables our global headquarters, and distribution network to work closely together as a unified organisation, and to base that work on a clearly defined ethos of Shenzhen Yandiya Technology Limited. We still have a long way to go but the Yandiya Group is opening new distribution channels and working with new partners.

Changing conception of heating solutions, Changing conventional wisdom. Change the world. This corporate statement embodies our commitment to make the world a better place, and our determination to operate a business that prioritises our customers and partners and enriches our society.

Warm Regard
Stephen Randell
CEO





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Infrared heating | warms objects



Our infrared panels emit radiant heat and the infrared energy will be stored in the walls, ceiling, and floors of your home. Each room is therefore heated by the energy emitted from these objects.

This results in a much more evenly heated space, with no heat circulation and a more comfortable living space.

Convection heating | warms air



Convective heat is constantly at odds with the air in a room and the best way to address this is by keeping the doors closed and having triple glazing windows and insulated walls in your home.

This method of heating relies on the circulation of warm air around the room, varying the temperature by as much as 5 degrees as the warmer air rises as a characteristic.

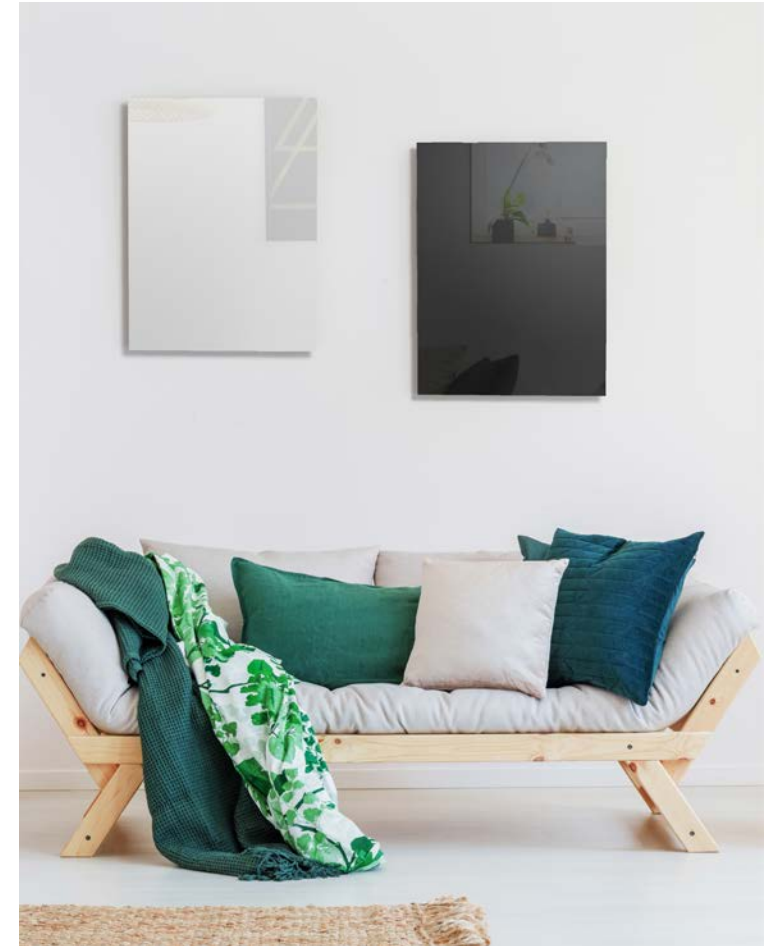
What is Infrared heating and how does it work?

Think of the sun! 53% of the energy from the sun is harmless infrared, heating not the air but objects and the earth's. Now think of your own home where our revolutionary heater panels produce infrared; heating the objects in your home e.g. carpets, ceilings, furniture and storing this energy. Like a radiator this energy is released to heat your home.

Different from traditional conventional heating it does not cause constant air circulation; creating an evenly heated space and a more comfortable space.

Operated on thermostats the Yandiya Infrared Heating systems monitors the heat levels; turning the system on and off with a small amount of energy needed to keep the home at your desired comfortable levels, saving on power bills.

A Yandiya Infrared heating system will create a drier warmer healthier home.



Health Benefits of Far Infrared Heating

It may seem a bit odd that your home or work heating system can provide health benefits (apart from staying warm!) but infrared heat has long been used in many healing practices. Many therapeutic treatments incorporate infrared (such as physiotherapists for pain relief) in their treatment



1. Immune System Boost

An infrared heater generates warm wavelengths that our bodies absorb naturally. This extra heat helps our capillaries expand naturally which increases oxygenation and regeneration of red blood, both of which are extremely important for detoxifying our major organs.

2. Healthy Hearts

Research by NASA has shown that (far) infrared heat on the cardiovascular system promoted healthy hearts in astronauts while in outer space.

3. Improved Blood Circulation

Infrared heat dilates capillaries in the body which greatly improves blood circulation. Blood supply to muscles is increased when exposed to infrared heat and the improved circulation helps to improve wounds and muscle pain.

4. Reduces Joint Pain and Stiffness

Extensive clinical studies and trials in Japan and the U.S. found that with infrared treatment "much of the stiffness, aches and soreness that comes with aging are reduced".

5. Allergy Reduction

Conventional heating systems utilize convection heating, which is where the air is heated. Hot air will rise to the top of a room (another downside of conventional central heating) as this will dislodge dust and other allergens. Far infrared heating is 100% safe and this has been backed up by numerous studies, including those done by the Swedish National Institute of Radiation Protection.

What Panels do I Need?

We supply a wide range of infrared panels specially designed to heat up an array of different sized rooms and other spaces. There are a number of things to consider when you want to install infrared panels into your home or business. The panels will provide a more even heat if they are placed in the middle of the room or spaced at equal distances. However, it is perfectly ok to fit a panel closer to the seating area of a room if you want to get the most from the heater in the shortest time.

We can, offer you detailed advice on your requirements, and if necessary visit your home or other premises to discuss your specific requirements and suggest various options that would work for you.

Here is a general guideline to calculating the wattage of panel required to heat your space.

Size of the room in M3

Sustainable eco or module	New Build	10 years + double glazed well insulated	25 years + single glazed and insulated	50 Years + single glazed poor insulation
10W / Cube	12w / Cube	20W / Cube	25W / Cube	35W / Cube

Example 1:

Standard Home **Single Glazed but Insulated:**

Multiply the width and length of a room by the height to get the cubic metres.

Example L 3m x W 3m X H 2.4m = 21.6m³

Then multiply the cubic metres of the room by 25 to give you an average wattage required.

Example – Room space to be heated 21.6m³ X 25 = 540Watts

Example 2: –

Double glazed and well insulated – Basic requirement = L 3m x W 3m x H 2.4m = 21.6m³ x 20 = 432 W required.

When choosing infrared panel, according to the required wattage, it is rule of thumb step, rather than down to get maximum efficiency. Whilst the initial purchase cost is higher, they can often be more efficient at heating these types of room and therefore cheaper to run.



Satin Aluminium

The aluminium, powder coated satin finish infrared heating panel come with folded seamless corners and frameless edges, making for a even heat dispersion across the front surface, which make them the highest performance IR heater available. The panel is insulated with an internal 13mm pad, making sure there is a 98% power to heat generation with no loss through the back. There are four sizes, which can be wall or ceiling mounted and our design to be placed into a suspended ceiling grid in place of the white ceiling tiles, thereby heating the room from above.



SATIN ALUMINIUM

Surface Material	Aluminium
Color	White/Black
Finish	Satin Powder Coat
Surface Temperature	90°C
Voltage	210-230VAC
Cable	2 meters
Installation	Wall/Ceiling
Warranty	5 years
Service Life	20years

As with all of our IR panel heater the frameless IR panels are supplied with all the fixing materials necessary to make installation easy and discreet. Made for where heating is required but space is limited.

The frame-less range from Yandiya are available in 350W, 450W, 720W & 1050W power sizes with an improved carbon crystal heating element using the latest in nanotechnology power to heat ratio.

Our internal cut-off switch protect the panel from overheating



Size	Rated Power	Rating Power	Amps	Min Coverage	Max Coverage
595*595	350Watt	310Watt	1.52	5.15msq	6.61msq
595*795	500Watt	450Watt	2.17	7.35msq	8.33msq
595*1195	800Watt	720Watt	3.47	13.47msq	13.33msq
795*1195	1200Watt	1050Watt	5.21	17.64msq	21.24msq





DESIGNER INFRARED GLASS

The designer range of glass infrared heating panels are stylish and cost-effective. Our glass Infrared Panel heaters will add an air of elegance and sophistication to any type of room, be it a bedroom, office or living space.

Available in black or white glass, they measure 550 X 600 – 550 X 1100 and 300 X 1800 to generate a healthy comfortable heated environment.

Frameless and minimalistic, they are perfect for any modern environment. With an IP65 rating, these glass panels are ideal to give a stylish, modern look to fit with your décor.

DESIGNER GLASS

Surface Material	Frameless 5mm Glass with polished edge and Heat Resistant Aluminium Back.
Color	White/Black
Finish	Tempered and Toughened Glass with Post Box Red Aluminium Back.
Surface Temperature	90°C
Voltage	210-230VAC
Cable	2 meters
Installation	Wall/Ceiling
Warranty	5 years
Service Life	20years

Yandiya Far Infrared - Premier Glass Heating Panel, stylish and elegant, using the medium of glass to give a comforting heat. Its slimline profile gives the glass a floating effect on the walls.

Yandiya Far Infrared panels are designed to fit into areas where traditional heating has been removed.

Yandiya Far Infrared panels operate at a fraction of the cost of traditional heating systems, giving better thermal comfort levels.



Size	Rated Power	Power Ratio	Amps	Min Coverage	Max Coverage
550*600	450Watt	380Watt	1.65	7.50msq	6.61msq
300*1800	600Watt	520Watt	2.26	7.35msq	8.33msq
550*1100	900Watt	660Watt	2.86	13.47msq	13.33msq



TITAN GLASS MIRROR

Surface Material	Frameless 5mm Glass Mirror with polished edge and Heat Resistant Aluminium Back.
Color	Silver/Bronze
Finish with Post	Tempered and Toughened Glass Box Red Aluminium Back.
Surface Temperature	90°C
Voltage	210-230VAC
Cable	2 meters
Installation	Wall
Warranty	5 years
Service Life	20years

Our stylish frameless Mirrored Infrared Heaters are perfect for any room, thanks to their unique anti-misting properties and IP65 rating and polished edges to stop any rusting of the mirror. Using the latest technology in manufacturing of glass mirror our innovative frameless infrared mirror, are available in three designs that will look equally amazing either in a bathroom or bedroom on the wall. The circular model has a diameter of 900mm and will look equally as well in any room in the house.



Size	Rated Power	Power Ratio	Amps	Min Coverage	Max Coverage
500*600	350Watt	280Watt	1.65	7.50msq	6.61msq
500*1000	500Watt	420Watt	2.26	7.85msq	8.33msq
900*900	500Watt	420Watt	2.26	7.85msq	8.33msq
900*Rnd	500Watt	420Watt	2.26	7.85msq	8.33msq

**** Optional LED Back Light**



iCare Low Surface Temp

Surface Material	Aluminium
Color	White/Black
Finish	Satin Powder Coat
Surface Temperature	60°C
Voltage	210-230VAC
Cable	2 meters
Installation	Wall/Ceiling
Warranty	5 years
Service Life	20years

Aluminium Icare low surface temperature infrared heating panels are a powered coated satin finish surface. ICare is a low surface temperature infrared heating system. Manufactured by Yandiya to exacting European standards. The Panels can be installed into walls or ceiling, providing highly efficient FAR infrared heating. The low surface temperature maximum 45°C make it compliant with standard regulation and makes it suitable for installation in a wide range of situations



Size	Rated Power	Rating Power	Amps	Min Coverage	Max Coverage
595*595	350Watt	310Watt	1.52	5.15msq	6.61msq
595*795	500Watt	450Watt	2.17	7.35msq	8.33msq
595*1195	800Watt	720Watt	3.47	13.47msq	13.33msq
795*1195	1200Watt	1050Watt	5.21	17.64msq	21.24msq



Antimicrobial Infrared

Our frameless aluminium or glass infrared heating panels with antimicrobial coating, this is an agent that interferes with the growth and reproduction of bacteria. Antimicrobial finishes, in particular, help prevent and restrict the spread of harmful bacteria such as E. coli, Listeria and Pseudomonas on contact surfaces.

The hygiene H panels are suitable for hospital and clean rooms, where foreign bodies are disruptive to the process, using this specially treated infrared panel, reduces the present of harmful bacteria, whilst still giving the innovative and energy efficient infrared heating expected from a Yandiya panel

Surface Material	Aluminium or Glass
Color	White/Black
Finish	Antimicrobial Powder Coat
Surface Temperature	60/90°C
Voltage	210-230VAC
Cable	2 meters
Installation	Wall/Ceiling
Warranty	5 years
Service Life	20years



Size	Rated Power	Rating Power	Amps	Min Coverage	Max Coverage
595*595	350Watt	310Watt	1.52	5.15msq	6.61msq
595*795	500Watt	450Watt	2.17	7.35msq	8.33msq
595*1195	800Watt	720Watt	3.47	13.47msq	13.33msq
795*1195	1200Watt	1050Watt	5.21	17.64msq	21.24msq



Curved Portable Infrared

Do you know what's terrible about regular portable heaters? They're ugly, really ugly. Usually as aesthetically pleasing as a warthog and about as stylish. Why has nothing been done about this?.

Light weight (2.13kg), petite (550 x 175mm) and with an elegant, arched design finally it's possible to have a beautiful, efficient portable electric heater. Perfect for heating conservatories, caravans, mobile homes and much more.

.No installation necessary. Ideal for those in rented properties. no need for approval from a landlord.

- Sleek, rounded design that would adorn any room.
- Robust, durable frame that keeps the panel steady when it's stood freely.
- Healthy direct heat also good for pets.
- Reduced carbon footprint.
- Evenly distributed heat via infrared rays. No more cold spots.



Size	Rated Power	Rating Power	Amps	Min Coverage	Max Coverage	Color
595*500	400Watt	310Watt	1.52	5.15msq	6.61msq	RED
595*500	400Watt	310Watt	1.52	5.15msq	6.61msq	WHITE
595*500	400Watt	310Watt	1.52	5.15msq	6.61msq	BLACK
595*500	400Watt	310Watt	1.52	5.15msq	6.61msq	GREEN



Mini Infrared Heater



Surface Material	Aluminium
Colours	White & Black Aluminium Black & White Glass
Surface Temperature	90°C
Voltage	210-230VAC
Cable	2meter
Installation	Under/Cabinet/Cupboard
Warranty	5 Years

Designed to fit under any standard kitchen base unit, these 70W aluminium Infrared plinth heaters are a great addition to Infrared panels or underfloor heating. They can be daisy chained together for any size kitchen coming in black as a standard, hard wearing the aluminium casing protect the heater from damage.

Used as a supplement heat for airing cupboards, this healthy heat, gives a warming effect heating airing cupboard, giving fabric a soft heat to air clothes, the heater must not be covered, by is easily mounted to the inside of the cupboard
They come in matt black as standard.

Size	Rated Power	Rating Power	Amps	Min Coverage	Max Coverage	Material
500*150	70Watt	60Watt	0.26	1.30msq	1.50msq	Glass
500*150	70Watt	60Watt	0.26	1.30msq	1.50msq	Aluminium



Blade Outdoor Infrared Heater

Yandiya's Blade infrared carbon heater, with aluminium body and stainless steel Grill, is ideal for outdoor patio areas.

Aesthetically pleasing design with the added control feature of a three setting on the remote control version. Designed and manufactured to be elegantly understated to create comfort while blending in with the environment and giving a soft glow light of 300Lumen.- IP65 protection is suitable for outdoor or indoor use.

Latest carbon infrared technology, with mid-wave radiation content, Immediate heat with no warm-up time

Weather-independent: no heat loss through air movement - Aluminum wall-mounted bracket included, adjustable angel is 45° - Economical to operate, affordable with low running costs, high heating efficiency, Zero maintenance; Silent operation, no UV, Environment friendly

Surface Material Aluminium/Stainless

Colours Silver

Surface Temperature 340°C

Voltage 210-230VAC

Cable 2meter

Installation Outdoor/ Large Indoor

Warranty 2 Years

Sizes	Rated Power
658*133*88	1800Watt
653*133*88	1800Watt Remote
1400 – 1800mm	Blade Stand



Zero Outdoor Heater

Surface Material	Aluminium/Stainless
Colours	Silver
Surface Temperature	340°C
Voltage	210-230VAC
Cable	2meter
Installation	Outdoor/ Large Indoor
Warranty	2 Years

Radiant heaters are often the most effective and preferred way to heat an outdoor or tough-to-heat indoor area. Unlike traditional convection heaters, electric panel wall heaters will heat people or objects, not air. In outdoor areas, hot air is blown away, while in open indoor areas, the hot air rises to the ceiling or is lost via ventilation. Radiant heat will comfortably and energy-efficiently provide direct heat to people in this situation. Like the heat rays emitted by the sun, the ceiling or wall mounted power heaters emit radiant warmth from above. A unique infrared element and alloy heating surface produces even, radiant warmth directly to individual people and surfaces below. Unlike traditional outdoor heaters, which aim to heat the surrounding air and can result in high temperatures close to the heat source and lower temperatures further away, the radiant heat emitted by our power heaters penetrates through the air to provide a comfortable, even temperature.



Sizes	Rated Power	Weight	Coverage
1030*160*50	1000watt	4.8kg	10.0M ^{sq}
1210*160*50	1800watt	5.4kg	20.0M ^{sq}
1490*160*50	2400watt	6.5kg	30.0M ^{sq}
1900*160*50	3200watt	8.2kg	40.0M ^{sq}



Ruby Outdoor Heater



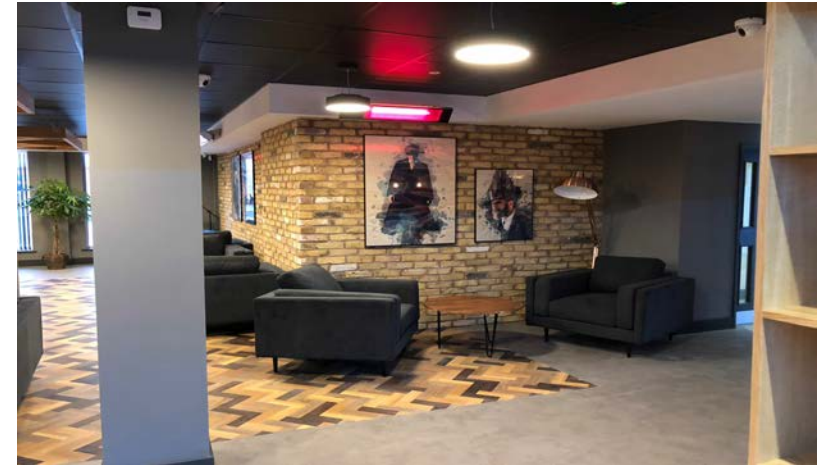
Sizes	Rated Power	Amps	Coverage
902x170x78	1500watt	7kilos	Manual on/off
902x170x78	1800watt	7kilos	Manual on/off
902x170x78	2200watt	7kilos	Manual on/off

Yandiya's Tinted Glass ceramic screen, spreads comfort across the area while minimizing light emissions. Aesthetically pleasing, elegantly understated to create comfort while blending in with the environment. IP65 protection is suitable for outdoor or indoor use. IR-B mid-wave infrared technology, wind resistant.

Multiple Mounting Options, Wall Ceiling, suspended and recessed Mounting. Two models with or without 3 setting Remote Control.

Surface Material	Aluminium/Stainless
Colours	Silver
Surface Temperature	430°C
Voltage	210-230VAC
Cable	2meter
Installation	Outdoor/ Large Indoor
Warranty	2 Years





NanoHeat Underfloor Heating.



Surface Design
Heating Element
Material
Construction
Connection
Surface Temperature
Service Life
Warranty
IP Rating

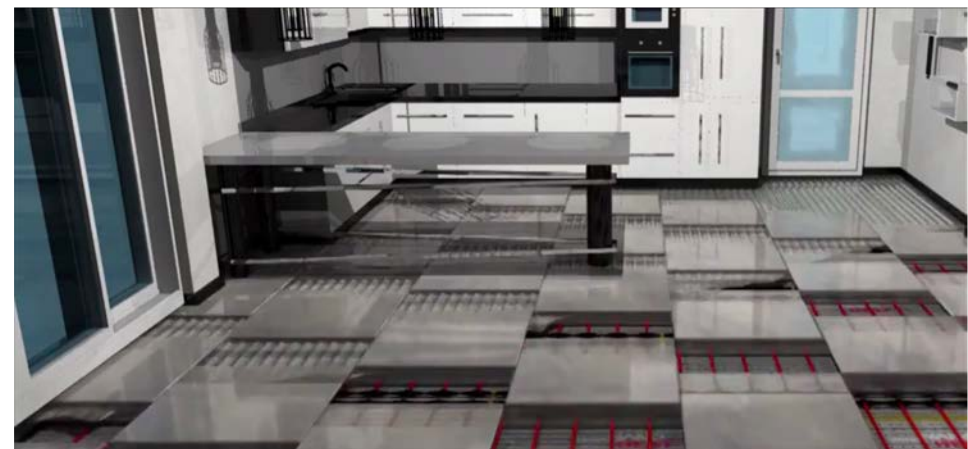
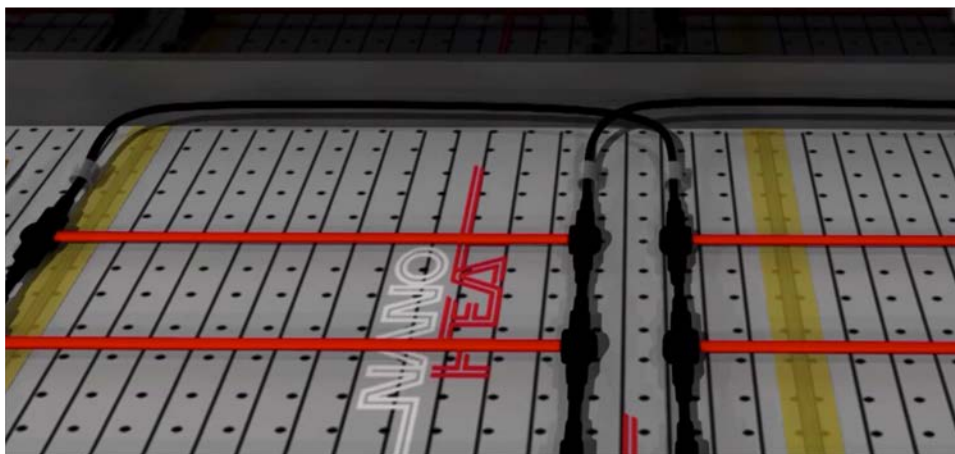
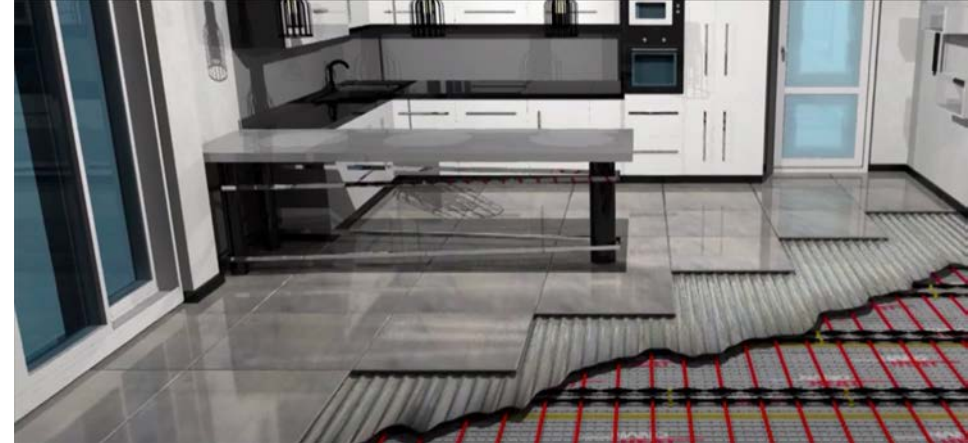
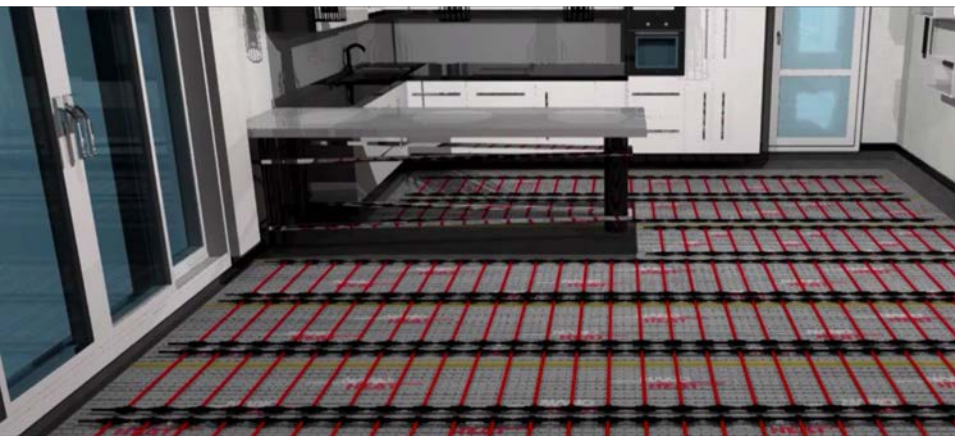
Nanotechnology 'PTC',
Conductive materials and polyethylene resins
Infrared Carbon Nanoparticles & Polypropylene
Polypropylene and resistant infrared carbon bars
2 meter cable
 $<60^{\circ}\text{C} \pm 10\%$ - Room $<40^{\circ}\text{C} \pm 10$
20 years
5 years *Conditions Apply
IP65

Nanotech is a heating system for electric floor heating, which comprises of a carbon mixture of Infrared and a polymer nanoparticles.

When Ac power is applied to the underfloor connectors, heat is generated from the resistance that forms kinetic energy of the carbon mixture nanoparticles inside the heating system converting into heat.

Utilizing radiant infrared heating through the use of Far infrared radiation, which makes the heating system healthier and pleasant to experience, saving power with its excellent thermal efficiency.





Heated Infrared Towel Rail

The Yandiya solution to bathroom towel dryer heaters is to offer a stylish rail heaters that dry towels to leave them with a naturally fresh and sun-dried feel.

Low energy consumption heaters are available in 120 watts.

Our heated towel rails provide comfort and warmth, complemented by a sleek and elegant design.

Its subtle and elegant appearance makes it particularly suitable for bathrooms where it blends easily with any interior.

IP65 Rated with simple on/off switch, or can be controlled via thermostat controls.



Surface Material	Stainless
Colours	Silver
Surface Temperature	45°C
Voltage	210-230VAC
Cable	1meter
Installation	Wall Mounted
Finish	Brushed Stainless
Warranty	2 Years



Smart controls

Control Your Heating.



To get the most from you Yandiya infrared heating panels, you need to be able to control it in real time from anywhere in the world. This can be done via our App on a smart phone or tablet.

Reduce Energy Costs.
Your energy cost can be reduced by ensuring all Yandiya Infrared Panels are connected to and controlled independently by a state of the art Wi-Fi thermostats control system. Showing you energy or heat monitoring and fully programmable via you Wi-Fi link.

Simple Controllability..
If a simple control system is required, we have a manual thermostats that can give energy saving for Yandiya Infrared Panels, via manually controlled thermostats.
Our range of control system for Yandiya infrared heating panels, suit all needs from a complete energy monitoring thermostats and heat monitoring thermostat, to simplified manual operated and programmable day settings



Wi-Fi THERMOSTATS





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